orangebox

smart working™

A diverse landscape of solutions for today's agile, collaborative workplace.

Why Build Walls?
Air³
Mini Pod
Airea
Cove
Bay

Away from the Desk
Linear
Linear groups
120° and Circular
Islands
Communities

Smartworking™
Avi
Bligh & Fletcher
Bloom
Border
Boundary
Campus
Cusp
Cwtch low / Cwtch high
Cwtch media
Dee

Network Landscapes
Aden
Boom
Dench
Flex
Hella
Moss

Yawl library tables
Hench library tables

Smartworking™
Avi
Bligh & Fletcher
Bloom
Border
Boundary
Campus
Cusp
Cwtch low / Cwtch midi / Cwtch high
Cwtch media
Dee
Hay
Ogmore
Pace
Perimeter low / Perimeter high
Perimeter banquette
Ramsey
Skomer
Sully
Reef media unit
Spring / Peak / Tide
Tarn
Dean
Point
Gate
Track Work / Track Lounge
Vale
Lano
Pars
Obvio
Credenzas
Surf

Away from the Desk
Linear
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Network Landscapes
Aden
Boom
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Flex
Hella
Moss
On Your Jays
Ory
Peeps
Tope

Why Build Walls?®
Away from the Desk
Network Landscapes
Smartworking™

Being able
to move seamlessly from quiet concentration,

to a quick chat with colleagues,

to a 3-hour meeting within the same office space,

delivers a new vitality
to the collaborative workplace.

At Orangebox, we believe that the most effective spaces remove barriers, provide privacy and bring people together.

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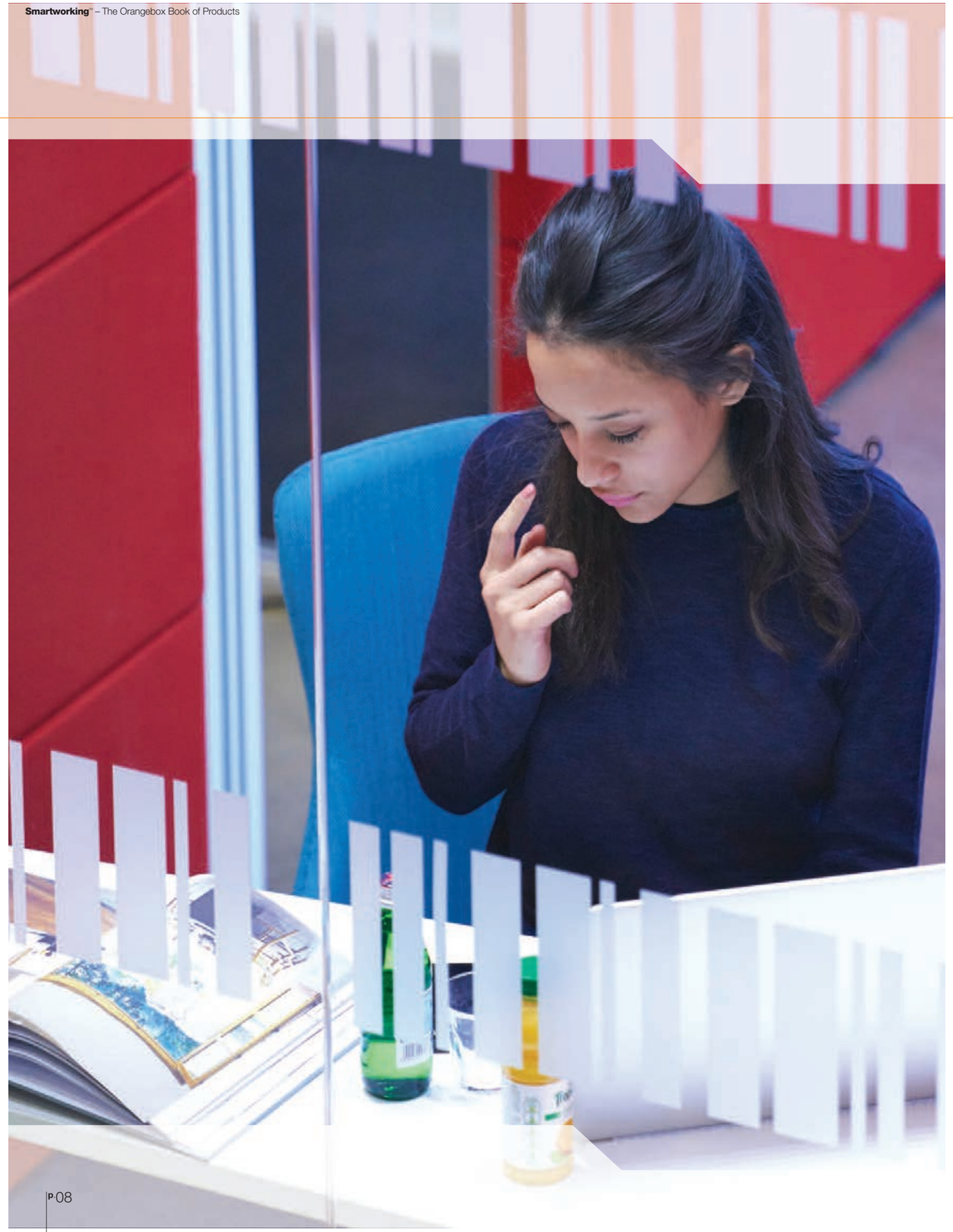
WELCOME TO THE LATEST ORANGEBOX BOOK OF PRODUCTS,

OUR FULL AND COMPREHENSIVE PROGRAMME OF PRODUCT SOLUTIONS...

FOCUSED ON CREATING NEW WORKSPACES.

WORKSPACES, THAT RESPOND TO OUR RAPIDLY CHANGING WORK NEEDS.



SPACES

THAT REFLECT OUR TRANSFORMING WORKPLACE

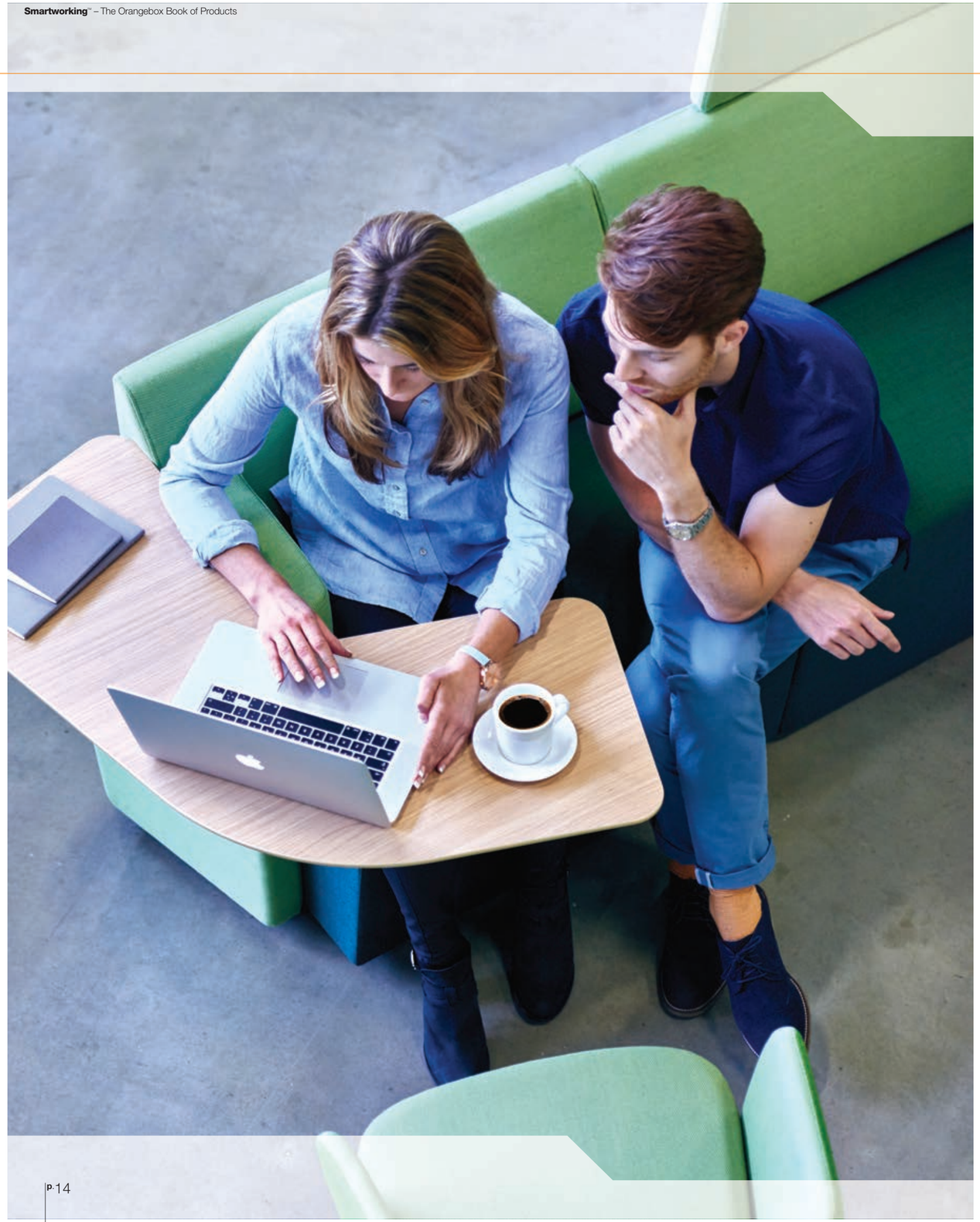
WITH FURNITURE DESIGNED TO ENRICH, ENHANCE AND STREAMLINE OUR WORKING LIVES.

A WORKPLACE THAT MAKES US

MORE FOCUSED, MORE ENGAGED.

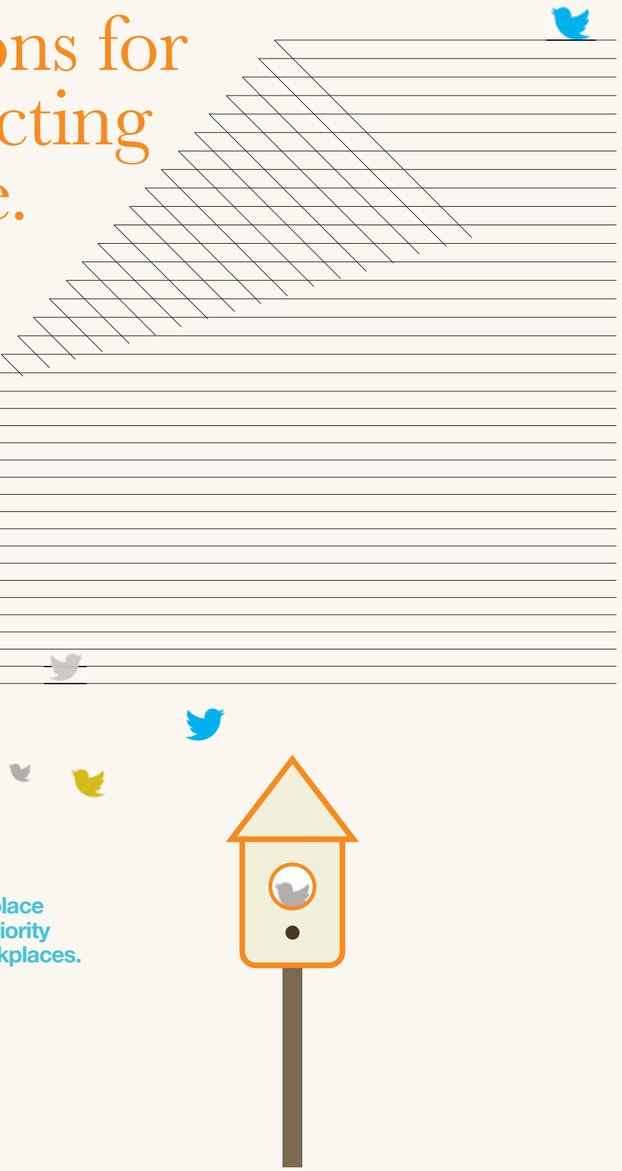
A WORKPLACE THAT RECOGNISES OUR NEED TO

COLLABORATE BETTER WITH COLLEAGUES AND COMMUNICATE EFFORTLESSLY.



THAT ALLOW US TO
MOVE AROUND THE
WORKSPACE AND
REMAIN
PRODUCTIVE.

Product solutions for connecting people.



92% of Millennials place flexibility as a top priority when selecting workplaces.

contents

Places where people work:

Dedicated workspace **91%**

On the move **88%**

Elsewhere in office **75%**

From home **70%**

Shared desk **40%**

Other **25%**

31% of new employees check for information on company culture & diversity

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smart working™

A diverse landscape of solutions for today's agile, collaborative workplace.

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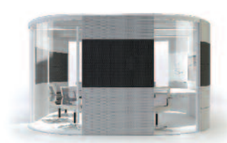
Why Build Walls?®

Why Build Walls?® is an ongoing programme of products that are scalable, with a refined level of acoustic and infrastructure performance. Their aim is to answer the demands of the new workplace and to create more collaborative, inclusive work zones.



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Why Build Walls?®

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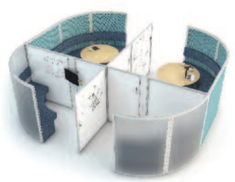

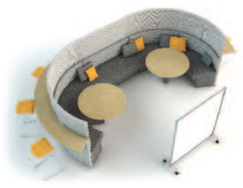

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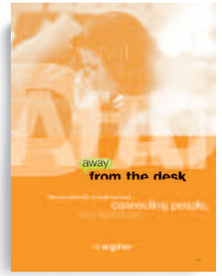
Away from the Desk



Away from the Desk is a soft landscape system that combines meeting areas with personal, collaborative and media working zones. **AftD** creates environments where individual workspaces integrate seamlessly with larger, more collaborative work configurations.

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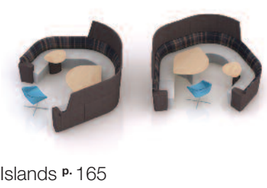

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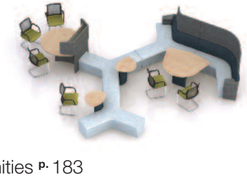

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Smartworking™

Smartworking™ furniture layouts support and encourage our new sense of community and wellbeing. They enable our office spaces to be active, allowing us more movement, flexibility and productivity.

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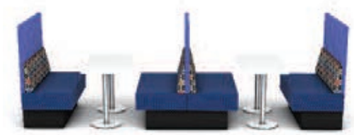

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Smartworking™

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Lano lets you create work, meeting and conference tables to suit the shape, size, finish and configuration you require. Its unique, cast aluminium architectural base provides generous seating options with the maximum of free leg space.

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Pars and **Obvio** tables offer unique solutions for individuals and small and large groups. Designed to be modular, flexible and scalable to offer diverse reconfigurations as your needs change.

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As shared workspaces become increasingly common and the growth of non-assigned free address worktables, (with multiple users throughout the workday) are adopted, so the user requirements for task seating changes.

Increased dimensional, mobility and weight diversity means the automatic, simple and intuitive functions of **Do** and **Seren** lend themselves perfectly to both these flexible spaces, as well as more traditional applications.

Weight balancing mechanisms require fewer adjustments and controls are more intuitive, quicker and easier to use.

“

As we move to agile working, we had taken the decision to buy a refined and very adjustable task chair.

However we’ve now taken the decision that it's actually too adjustable, for people who are going to be sat in a different seat every day. We now need something that’s probably more simplistic in terms of use. So we’ve actually changed what we’re asking our people to sit on, as a result of this change in working.

”

Task seating

orangebox

[top] Do, [middle] Seren, Do, [bottom] Seren

Multiple user Task Seating

Research tells us that up to 80% of people don't adjust their task chairs properly.

Task seating within the shared workplace makes it more important than ever to create office chairs able to keep us healthy and supported without requiring a complex set up.

As we increasingly move around our more collaborative and shared workplace we neither have the time nor mindset, to fine tune the adjustment range of our previous, more personally focused and more complex task chairs.

Simple, smarter seating mechanisms are more important than ever

and Orangebox have focused on delivering solutions that encourage effective movement. Where fewer adjustments deliver a greater dimensional fit and range than previously available.

With this new generation of task seating we recognise simplicity of use as a key design problem, so rather than focusing on complex adjustments and training, we have worked to deliver simpler smarter chairs.

productivity & satisfaction

Employers and employees alike, we're all striving for the same thing: productivity & satisfaction from our work lives, for work to be creative, valued and rewarding.

The key, we think, lies in a simple but mostly untaught skill; the ability to go from talk to action, to perfect the art of 'doing'. Becoming an expert do-er is simple enough; it's a habit we can all master given the right frame of mind and the very best work tools.

more from less

We've worked hard to do more with less material, fewer parts and fewer product miles than ever before. No matter how good your products are there comes a time when their first useful life comes to an end.

Our aim is to do all we can to promote closed loop cycles of use for all materials we've used. Which we explain in more detail within the *Circular Economy* section on page 462.

Design for disassembly, material identifiers on all parts and a comprehensive recycling service are all steps we've taken to help us get more from the resources invested in our chairs.

simple

We've looked at every component and asked ourselves – why? (Does it have to be there in the first place?) Until everything unnecessary has gone.

We've looked at every part and asked ourselves – how? (Can we make it lighter, stiffer, stronger?) Until every gram has a purpose.

And we've looked at every interface and said – what if? (Can we change this?) Until it couldn't be easier to use and build. The result is a chair with real invention; in the materials we've utilised, in the way it's assembled and transported and in the performance it delivers.

The full specification guide for Do can be found within the Do brochure, available in either print or digital format.

★ simpler, softer, bigger, smarter

seren.★

What makes Seren so simple to use?

The answer for us is to provide the greatest range of adaptability we can and in such a way that the chair is more intuitive to use than previously.

We have removed the need for some of the usual adjustments by making the chair do the work for you. The weight balancing mechanism automatically delivers the right amount of resistance when you recline the chair so you can get on with what you are doing, without even thinking about it.

The controls on the chair are intelligently positioned and labeled, those that move the seat, are positioned on the seat...

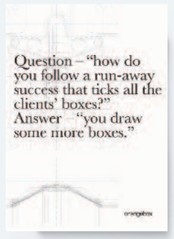
it's really that simple.

Where does the comfort come from?

Comfort is often a difficulty thing to define and is also very personal.

A great back shape is crucial of course but it could be argued that comfort is determined as much by our brains as it is by our bodies. In the same way that good food seems to taste even better, if it looks great on the plate.

We've designed Seren with a completely upholstered back for exactly this reason. The softness, tactile quality, material and colour choice you get from fabric goes way beyond what is delivered by an all plastic back, in terms of re-enforcing the brain's perception of comfort.



The full specification guide for Seren can be found within the Seren brochure, available in either print or digital format.

Do & **Seren** are 'light touch' easy to use and intuitive task chairs, designed for more collaborative and shared workplaces, where multiple users will enjoy the chair, throughout the workday.

Our more expansive task seating range maintain their vitality within a work setting where a fully adjustable and personally setup task chair is valued.

Ara Mesh and **Ara Elastomer** are our premium task chairs, built off a refined synchronous mechanism to deliver a smooth, balanced movement from impressively refined engineering. **Ara** is the first task chair developed and manufactured in Europe to achieve Cradle-to-Cradle accreditation.

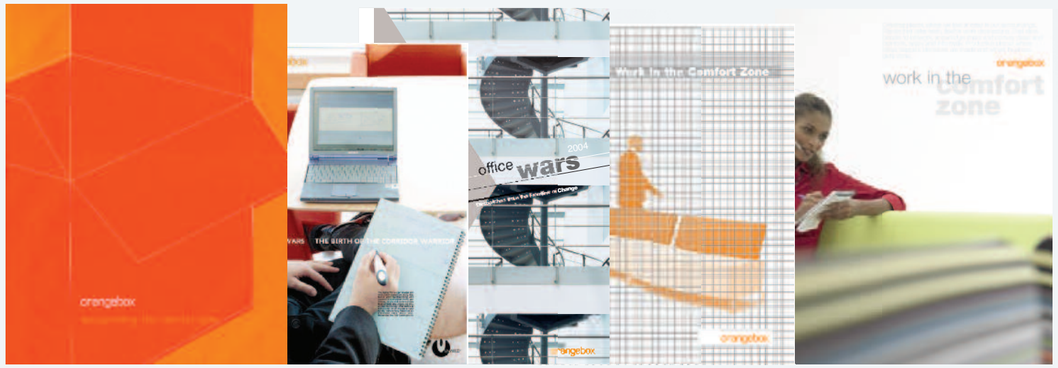
Joy and **Joy Mesh** are mid market products offering peerless engineering on either upholstered or mesh back chairs.

Flo and **Spira Plus** are our specialist occupational health task chairs, which offer unique ergonomic support and the widest range of adjustment features.

All our task chair products have multiple specification options.

Ara mesh

The only certainty in today's workplace is change and to understand the dynamics of this change, our research is vital.



Orangebox research and insight no.1

orangebox

was founded on the belief that the cornerstones of the traditional office landscape – **storage/desking/partitioning/task seating,** *would lose their pre-eminence; that new furniture typologies would create a new kind of workplace.*

Technology is indeed changing the workplace, perhaps in ways we didn't expect.

It's ability to deliver constant, high-speed, information-rich data **increasingly demands more of us, not less.**

In response, our research tells us that the workplace needs to become **a more fluid, engaging, humane and diverse environment.** Where the wellbeing of employees is critically important in the creation of a dynamic, productive workplace.

Today, the rules have changed.

It's about creating connections between people, not furniture. Spaces that promote productivity and effortless engagement, flexibility and flow. Places that allow you to work collaboratively, privately, or however you choose, whenever you want.

Over the last decade, we have pursued the goal of establishing Orangebox as pre-eminent in defining the 'third space', 'break-out space', 'activity-based working', 'community working', and 'collaborative space'.

At Orangebox, we call it:

Why Build Walls?®, Away from the Desk, Network Landscapes, Smartworking™.

Boomers & Millennials and Mobile Generations.

Our goal at Orangebox is not to predict a specific view of the future. Through research and innovation, we aim to deliver solutions that anticipate the upcoming scenarios our clients will face.

Some relevant research we've completed and observed is included in the following publications:

Boomers & Millennials (2013)

This publication discusses the implications of how the '*perfect storm*' of a changing global economy, accelerating technological change and generations regarding the world differently have created a workplace in a state of profound flux.

As Malcolm Gladwell observed:
"*We are experiencing a paradigm shift from a hierarchical society, to a network society and from the individual to the connected and collaborative. The differences between the Boomer and Millennial generations, illustrate this major realignment more than anything else.*"

Mobile Generations (2014)

This research paper explores the implications of new technology, which increasingly allows us to be productive, both in and out of the office. 'Workplace technology is on the brink of a revolution that promises to boost productivity by expanding office functionality, first beyond the desk and now beyond the bricks-and-mortar location.'

We're increasingly working away from the desk, on a couch, in a collaborative lounge, café or video conferencing space. Locations such as airport lounges, hotels and co-working spaces are achieving a new vitality and beginning to challenge the hegemony of the fixed and tethered office.

Within our reports, we source key insights, seminal research and books exploring critical cultural changes within the workplace and the new criteria required to create successful, collaborative, open-plan workspaces.

Gensler Workplace Survey (2008)

This survey reported that: 'Success in a knowledge economy means working differently. Top performing companies design their workplaces to support all four of the following new modes of working:'

Focus 48%

Work involving concentration and attention to a particular task or project.

Collaborative 32%

Working with another person or group to achieve a goal.

Socialize 6%

Work interactions that create common bonds and values.

Learn 6%

Working to acquire a new knowledge or skill through education or tutoring.

Who Moved my Cube? (2011)

Insight from over a decade of workspace research by Ann-Laure Fayard and John Weeks finds that the most effective spaces bring people together and remove barriers, while providing sufficient privacy that people don't fear being overheard or interrupted.

This research, first published in the summer of 2011 in *The Harvard Business Review*, suggests that successful environments have to clearly indicate when it's ok to interrupt and when it isn't. Evidence shows that removing physical barriers and bringing people closer to one another does promote casual interactions. At the same time, roughly an equal amount of evidence indicates that because open plan spaces reduce privacy, they don't automatically foster informal exchanges and may actually inhibit them. A workspace may or may not encourage interaction, depending on how it balances three critical elements or "affordances" that have both physical and social dynamics:

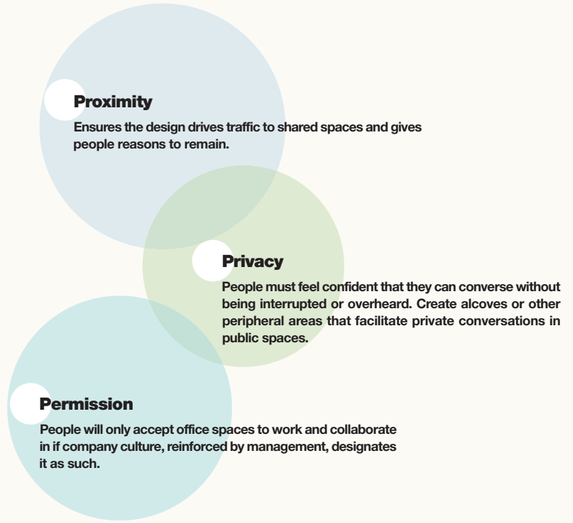
Proximity | Privacy | Permission

This extensive research shows with remarkable consistency that communication plays a critical role in building successful teams and that "patterns of communication are the most important predictors of a team's success".

Increasingly organisations have to recognise that what managers sense as an "ineffable buzz or esprit de corps in a good team, is actually observable, measurable, and learnable".

Creating successful collaborative workspaces need not be a matter of chance but can be planned. "Data can now provide a foundation on which to build better individual and team performance".

If you throw the three P's out of balance, you cause casual interaction to plummet. Getting the balance wrong can turn a well-meant effort to foster creative collaboration into a frustrating lesson in unintended consequences.

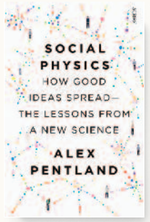


The New Science of Building Great Teams.

Implications from Ann-Laure Fayard and John Weeks' research are enhanced and verified by further findings such as:

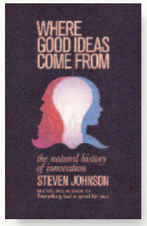
Alex Pentland's '*Social Physics: How Good Ideas Spread*' examines the chemistry of high-performance groups as a series of measurable, quantifiable outcomes. Pentland shows that mapping communication against performance has become a new science, extensively explored by his Human Dynamics Laboratory at MIT.

'Our research confirmed that communication plays a critical role in building successful teams. We've found patterns of communication to be the most important predictor of a team's success. Not only that, they are as significant as all the other factors – individual intelligence, personality, skill, and the substance of discussion combined'.

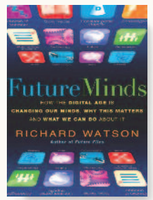


'We now know that 35% of the variation in a team's performance can be accounted for simply by the number of face-to-face exchanges among team members. It may seem illogical that all those side exchanges and short one-on-one conversations contribute to better performance, rather than distract, but the data proves otherwise'.

Steven Johnson also wrote in his 2010 book '*Where Good Ideas Come From*' that to work in an open plan office is to work exclusively in public, which turns out to have just as many drawbacks as working in a private enclosed office.



'The most productive tool for generating good ideas remains a circle of humans at a table, talking shop. More successful work environments recognise the importance of building around common spaces where casual mingling and interdepartmental chatter happen without formal planning'.



'Beyond 60 feet, people tend not to talk to each other, with the result that ideas aren't passed around. MIT research found that communication is 400% more likely when people sit six feet away. Google is able to cross-refer every work position with productivity and the most productive spaces are always where the most traffic occurs'.

In *Future Minds*, Richard Watson reported that 'Innovation is inherently social and is best propagated in busy communal areas or where people are seated close to each other.'

'It seems almost absurd that how we communicate could be so much more important to success than what we communicate'.

'Today we know that chance encounters and conversations on the job promote co-operation and innovation and companies now craft their floor plans and work cultures with this in mind'.

'Informal interactions won't flourish if people can't avoid interacting when they wish to. Permission reflects the interplay of physical space, furniture and company culture'.

'High performance lies not in the content of a team's discussion but in the manner in which it communicates'.

'True privacy allows you to control colleagues access to you - so that you can choose whether or not to interact. Informal interactions won't flourish, if people can't avoid interacting when they wish to'.

'People need time and space if a light conversation is to evolve into something more substantial'.

As always, great research and insight can seem to be 'common sense', but perhaps only in hindsight. We value both our own research and the invaluable research of others who are tracking the global workplace as it evolves.

'You don't move to where the ball is, you move to where it's going to be'

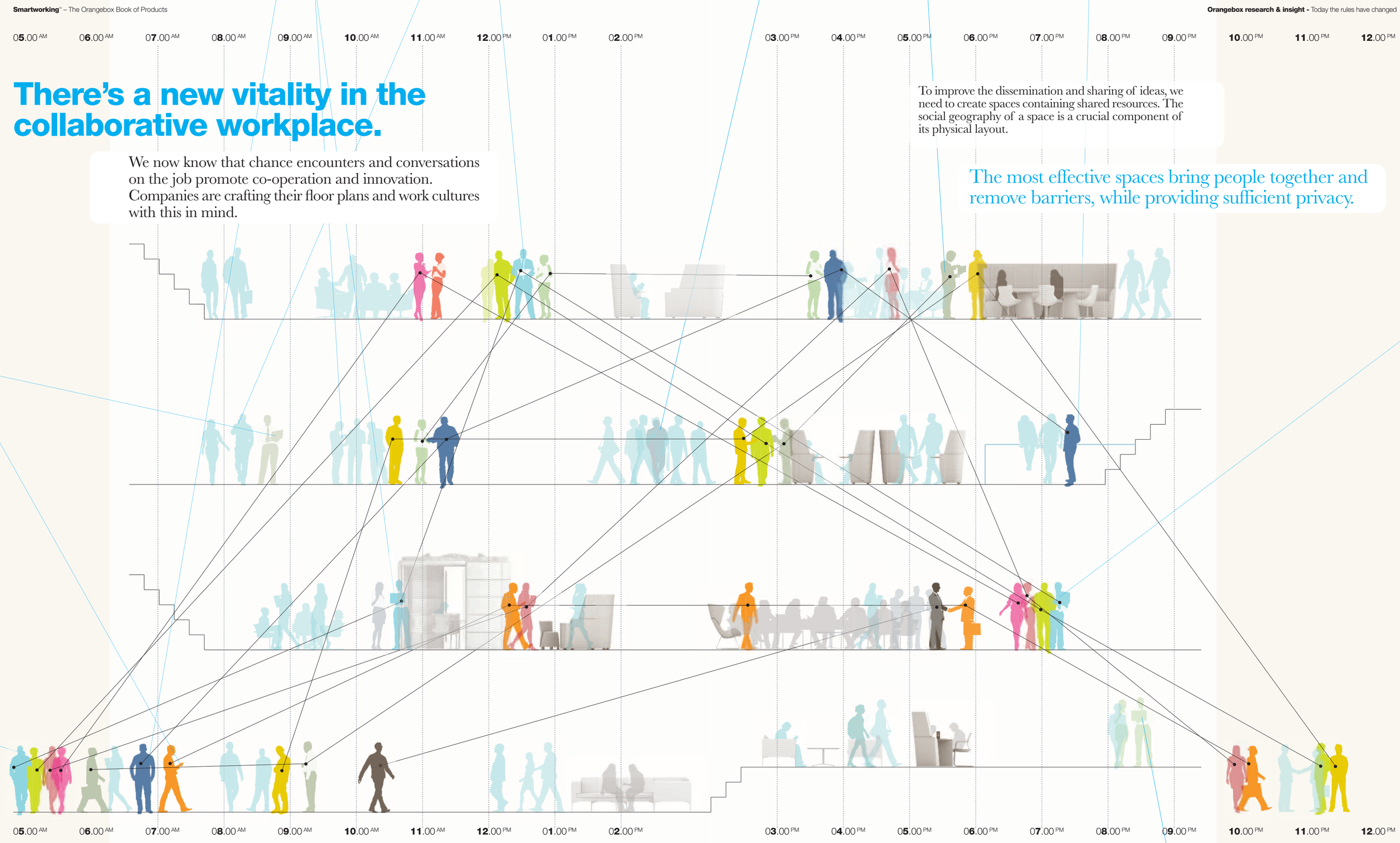
Johan Cruyff

There's a new vitality in the collaborative workplace.

We now know that chance encounters and conversations on the job promote co-operation and innovation. Companies are crafting their floor plans and work cultures with this in mind.

To improve the dissemination and sharing of ideas, we need to create spaces containing shared resources. The social geography of a space is a crucial component of its physical layout.

The most effective spaces bring people together and remove barriers, while providing sufficient privacy.



Orangebox research and insight no.2

wireless well working as a new Strategic worktool

[SPACE PLANNING ..... ACOUSTIC PLANNING WELLBEING PLANNING]

The response to our most recent research, *Mobile Generations*, proves that the issues discussed are crucial within our client networks.

The need for us to offer insight and solutions has now moved firmly centre stage. In response, we have positioned Wireless Well Working (WWW) at the heart of our client experience and interactions.

WWW covers planning of space, acoustics and wellbeing; each designed as ongoing programs of research and insight so that all three areas can become powerful new

design and change tools.

" For most people, the servant has become the master. Not long ago, only doctors were on call all the time. Now everybody is. Bosses think nothing of invading their employees' free time. Work invades the home far more than domestic chores invade the office. Otherwise sane people check their smartphones obsessively, even during pre-dinner drinks, and send emails first thing in the morning and last thing at night".
The Economist

"In 'Sleeping with Your Smartphone', Leslie Perlow of Harvard Business School argues that for most people, the only way to break the 24/7 habit is to act collectively rather than individually".

" For over 20 years, I have been involved in trying to enthuse and instill best ergonomic practice within the workplace. Yet since the publication of *Mobile Generations*, I've been taken aback by the explosion in desire for clients to find achievable solutions to wellbeing issues in the new workplace."
Jim Taylour, Head of Workplace Wellbeing – Orangebox

1

Space Planning

Why Build Walls?®
Away from the Desk
Network Landscapes
Smartworking™

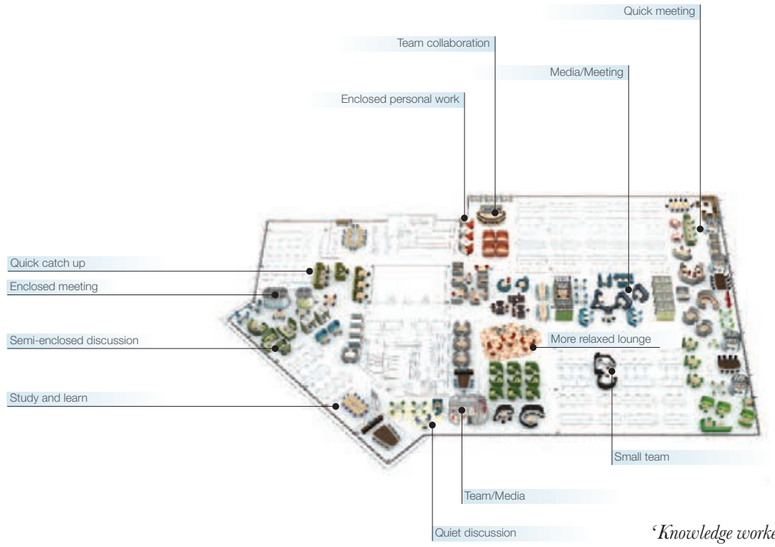
The four Orangebox typologies within our *Book of Products* are designed to ensure we offer a diversity of design choice and function within our client spaces. Each product platform can be used individually or combined.

We have previously highlighted the principles of the three P's (Proximity, Privacy, Permission) and the growing research and insights available to help create successful team spaces within all organisations.

The diversity of analytical tools to aid the appraisal and measuring of effective spaces allows us to accurately benchmark effectiveness and employee interactions. We no longer need to second-guess how successful our new work spaces will be.

Our four product platforms are designed to complement and enhance this analysis. The *Book of Products* illustrates diverse scenarios that suggest workspaces and furniture adjacencies, both within each individual range and combined within a collaborative environment.

Our *Book of Products* portfolio addresses the need to deliver a level of diversity that is essential within today's workplace.



'Knowledge workers whose companies allow them to help decide when, where, and how they work, were more likely to be satisfied with their jobs, performed better, and viewed their company as more innovative than competitors that didn't offer such choices'.
Harvard Business Review

'Focus and collaboration are complementary work modes. One cannot be sacrificed in the workplace without directly impacting the other. We know that both focus and collaboration are crucial to the success of any organisation in today's economy. Balanced workplaces where employees have the autonomy to choose their work space based on the task or project at hand are more effective and higher performing'.

'Workplace choice is just one part of a broader culture of autonomy. With the support of organisational policy, and the right alignment of tools and technology to optimise productivity, it allows workers to optimise their own job performance, leaving them more satisfied, motivated, and creative – exactly the sort of employees you need to deliver high performance'.
Diane Hoskins – Gensler

'Achieving balance in a workplace is a delicate process. The first priority is to optimise the functionality of primary workspaces. Design elements must mitigate noise and provide access to colleagues while minimising distractions. It's also important to design a pleasing space where people actually want to be. A balanced workplace also provides a healthy dose of alternative workspaces where groups of one to four people can seamlessly move from individual work to group work or a person can simply go into an enclosed room and shut the door to concentrate or take a call'.
Janet Pogue – Gensler

2 Acoustic Planning

As open plan and flexible working continues to dominate the way we work, acoustic planning becomes more crucial to the design and configuration of productive work environments.

Our experience and insights highlight that for efficient working within each function zone, the choice and location of acoustic solutions such as sound masking, sound absorbing materials, furniture, acoustic ceilings, floors and walls requires careful planning. Perhaps just as crucial is the acoustic training and the new workplace etiquette we need to adopt to use these work zones more productively and considerately.

To articulate these issues and to remind us of the key challenges and solutions, we have developed this succinct and salient graphic work tool to help streamline space planning.

Buildings are required to work harder, accommodating more people and provide ever more flexible workspaces.

In 2010 there was an average of 225 square feet of workspace, per employee. By 2012 this had reduced to 176 and is projected to be 100 by 2017. *Mobile Generations*

How can we achieve acoustic control (sound levels/reverberation)**?**

A

(Absorb)
Absorb noise close to the source

B

(Block)
Block the direct path of sound

C

(Cover)
Mask unwanted sounds

D

(Distance)
Remove the noise or simply move away from it

E

(Etiquette)
Guiding people to use the space correctly

...the choice and location of acoustic solutions such as sound masking, sound absorbing materials, furniture, acoustic ceilings, floors and walls requires careful planning.

Quiet

Function
Individual focussed work, no calls or conversations.

Issue
Noise and distraction from colleagues.

Solution
Sufficient background sound and barriers.

Work Desk

Function
Individual work, phone calls, close conversations.

Issue
Noise and distraction from colleagues.

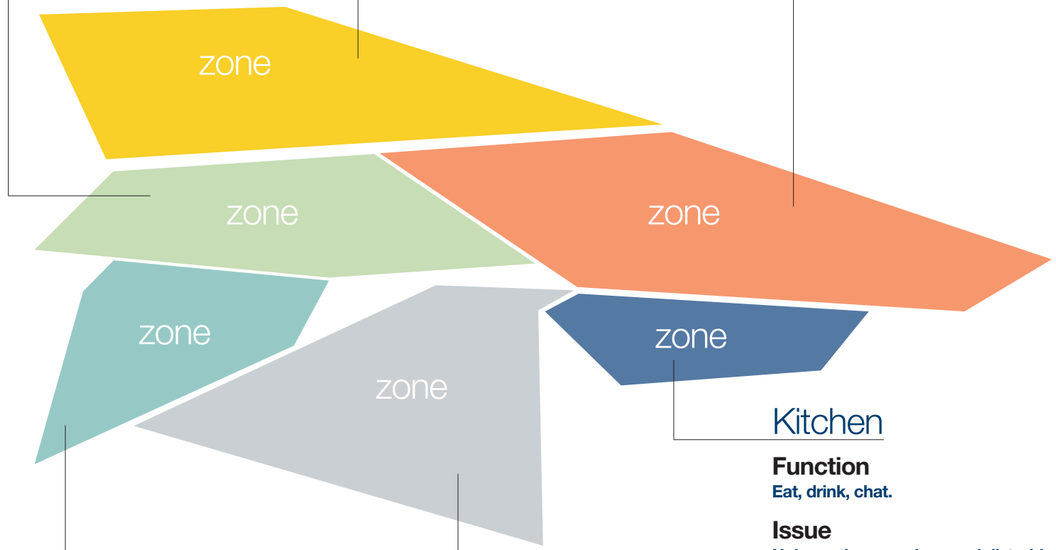
Solution
Sound absorbing surfaces such as ceiling and floor with sufficiently high barriers such as adjacent screens and the correct background sound level.

Collaborate

Function
Small non private meetings.

Issue
Disturbing other non involved colleagues.

Solution
Sound absorbing surfaces to prevent noise travelling, location of the zone and sufficient background sound in the other areas.



Kitchen

Function
Eat, drink, chat.

Issue
Noise cutlery, crockery and disturbing others.

Solution
Sound absorbing materials and barriers.

Relax

Function
Quiet, reading, no calls, no conversations.

Issue
Noise and distraction from colleagues.

Solution
Sufficient background sound and barriers.

Meeting

Function
Private conversations and calls.

Issue
Speech privacy to the outside and intelligibility within the room.

Solution
Sound absorbing materials preferably on the walls, and sufficient background sound outside the meeting zone.

3 Wellbeing Planning

Currently the workplace contributes 24% of job satisfaction. As we become more mobile the traditional health issues associated with fixed desk working diminishes.

Our research however suggests we are almost sleep walking into a new basket of mobile technology challenges, some beginning to be understood and acknowledged, others less so. Conditions such as visual and hearing impairment, work overload and new forms of repetitive strain injury are becoming worryingly widespread. And the bigger the organisation the bigger the risk of both absenteeism and presenteeism stemming from these new workplace illnesses.

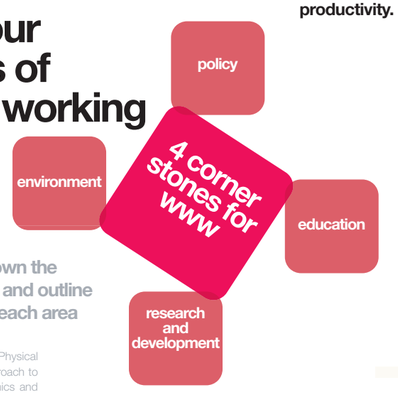
Design guidelines now need to be reinvigorated with new wellbeing criteria to ensure not just higher retention and productivity, but increased levels of wellness and a collective esprit de corps fit for a new paradigm.

Pragmatic ergonomics informs our design process and helps to guide our customers, when selecting and deploying fitness centered design.

WWW and Wellbeing Planning has become our new discipline for achieving optimum psychological and physical workplace ergonomics within the new collaborative more open plan workplace.

Although an essential starting point for refocusing on these new challenges, International legislation focuses on simply reducing absenteeism, injury and disability in order to get employees to a neutral point. **With the backdrop of changing work cultures, new technologies, alternative work environments, greater user diversity (in terms of weight, ethnicity, ageing, accessibility) and generational differences, there has never been a more significant time for organisations to embrace new attitudes and guidelines to achieve higher levels of wellness and productivity.**

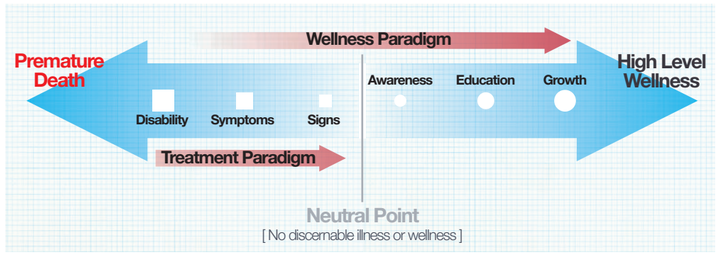
P.E.E.R the four cornerstones of wireless well working



Identified to help us break down the categories to tackle ill health and outline where responsibilities sit for each area

Ref: Jim Taylour and Prof. Patrick W. Jordan, 'Physical Discomfort and Mobile Working: Wellbeing approach to healthy best practise', Contemporary Ergonomics and Human Factors 2015. *(Taylor and Francis)*

Rather than degrees of illness, point people towards high levels of wellness.



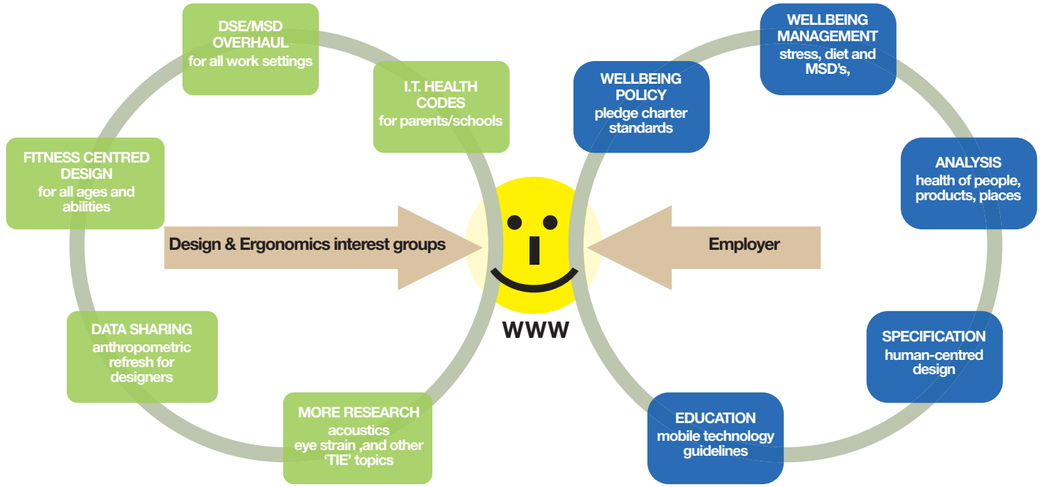
Developed by Dr John Travis

The Wireless Well Working 10 point manifesto.

WWW is focused on continuous research into both the long-term physical and psychological effects of mobile technology, changing work practises and the need for innovative ways of affecting change, for both individuals and companies interested in improving health and productivity at work.

Our International experience tells us that some cultures have already embraced well working but it's rare to see a perfect balance that encompasses all of WWW. Together with our key specialist workplace consultants we aim to both articulate the changes within our new workplace culture and offer realistic solutions that can be adopted within all organisational cultures.

The diagram (below) summarises the responsibilities of two major influencers, the employers in blue and the professional practitioners in green.



Wireless Well Working health and productivity strategy, J Taylour, 2014.
Chapter 4, Mobile Generations, 2015 (Orangebox).

wireless well working | orangebox

[SPACE PLANNING
ACOUSTIC PLANNING
WELLBEING PLANNING]

Why Build Walls?® Away from the Desk Network Landscapes Smartworking™

The personal desk with its fixed, tethered technology is losing pre-eminence.

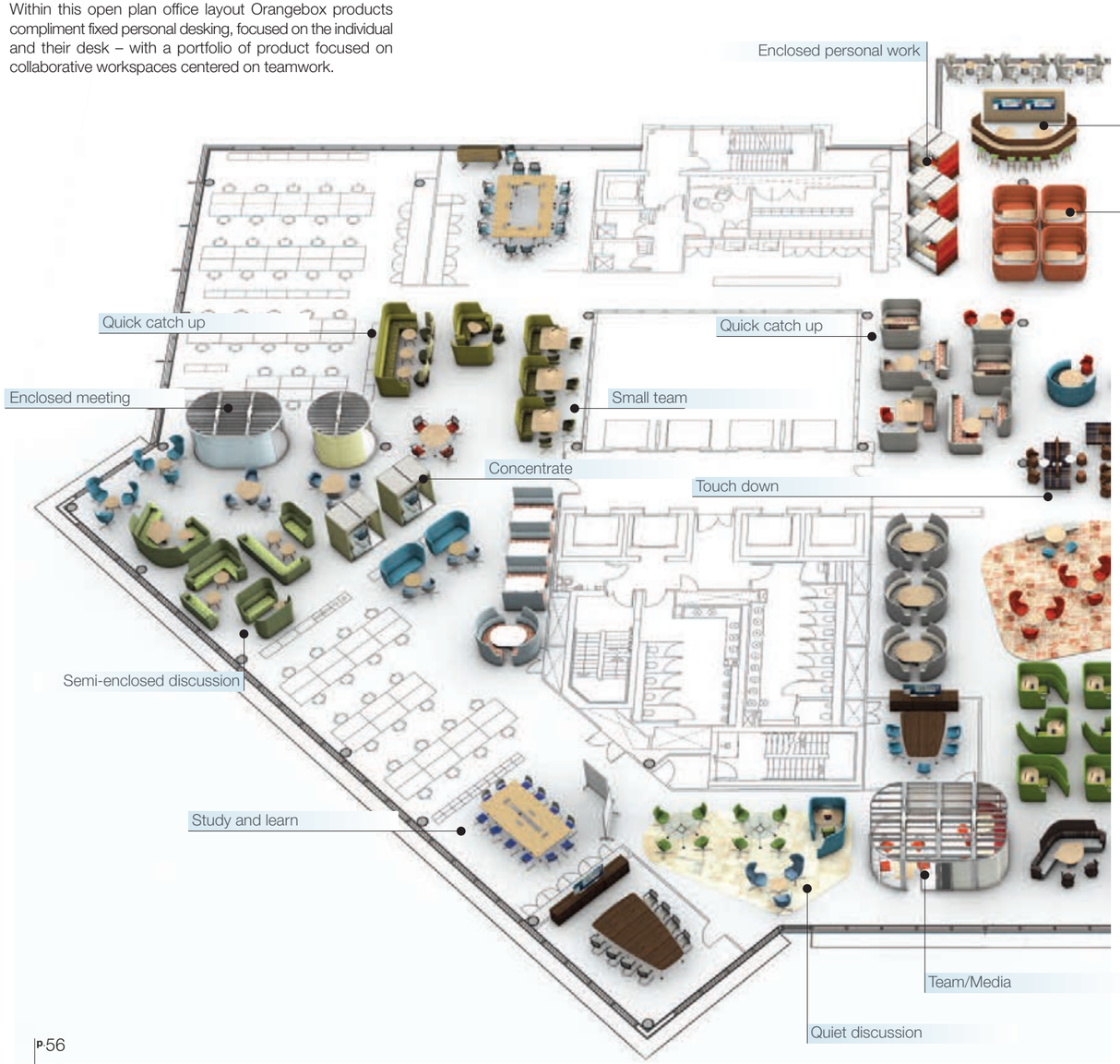
Within this open plan office layout Orangebox products compliment fixed personal desking, focused on the individual and their desk – with a portfolio of product focused on collaborative workspaces centered on teamwork.

CREATING ENVIRONMENTS WHERE

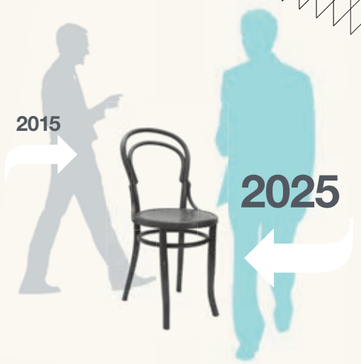
INDIVIDUAL WORK SPACES

SEAMLESSLY INTEGRATE

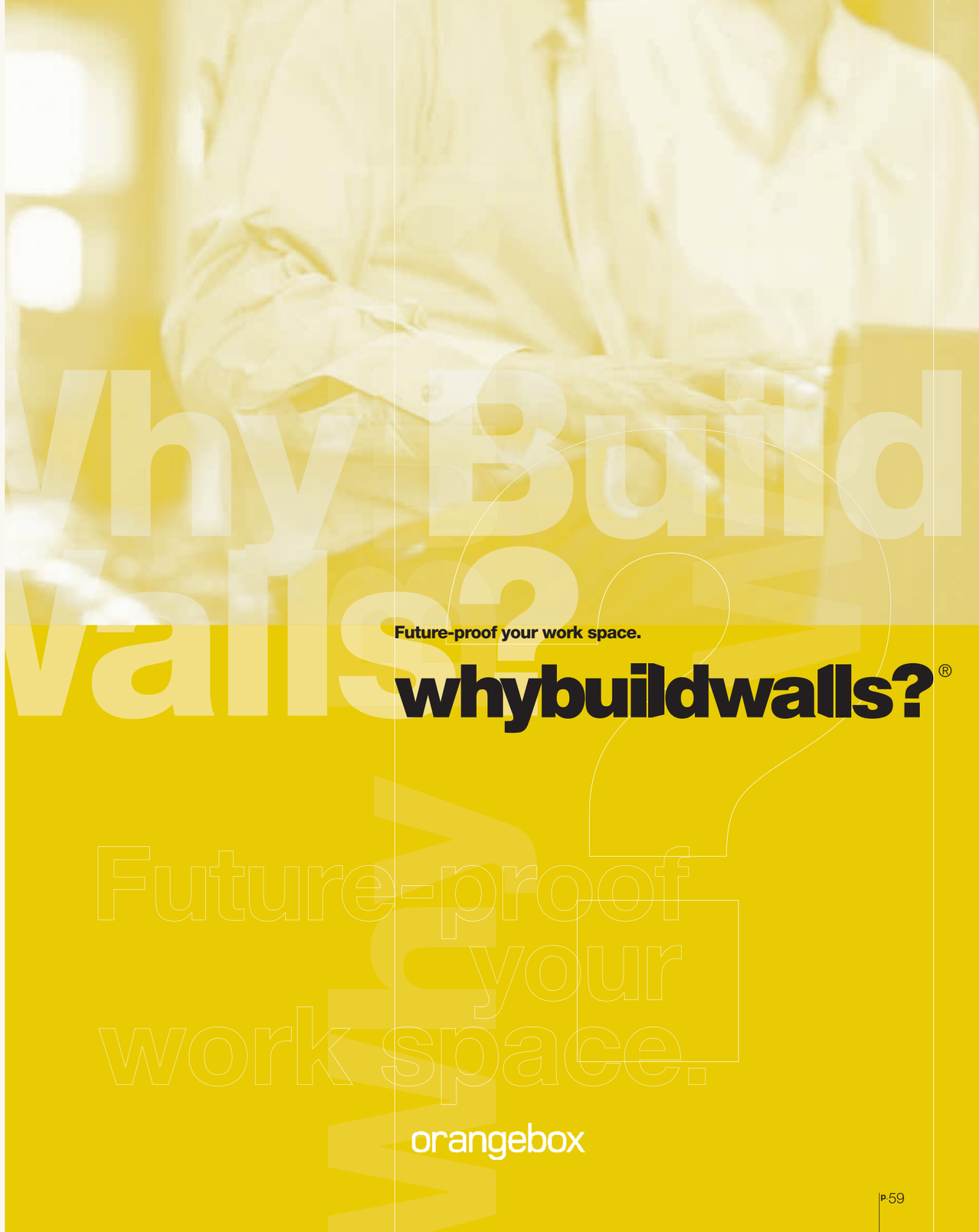
WITH LARGER WORK CONFIGURATIONS,
ENCOURAGING SERENDIPITOUS ENCOUNTERS,
CASUAL INTERACTION AND COLLABORATION.



2/3 of knowledge workers complain they don't have enough time to do their job.



50% of jobs we have today will likely be eliminated within 10 years.



Technology and generational changes mean that the workplace is a more fluid environment than ever before. Most organisations are responding to this change with an equally forceful shift in mind-set in the design of their new workspaces.

whybuildwalls?®

Why Build Walls?® results from over eight years experience installing these products globally with the realisation that the fire/infrastructure codes in Kuala Lumpur, Beijing, Sydney, New York or London are not the same, nor can they even be discussed with the same evaluation criteria.

Our solution – to develop product, which globally can always be described as furniture and never as, fixed architecture. Enclosed scalable workspaces with refined acoustics and infrastructure.

Why Build Walls?® is an ongoing programme of products that are scalable, with a refined level of acoustic and infrastructure performance. Their aim is to answer the demands of the new workplace and to create more collaborative, inclusive work zones.

Recent history of technological innovation tells us that collaboration and the ability to share ideas and innovate have become fundamental to success. Our aim is to learn from the practices of innovative tech companies that have helped them achieve rapid traction and growth.

From Intel's sprawling, team-focused open workspaces, where every employee from the CEO down mixes with each other, Apple's new HQ, the final Steve Jobs project – a circular building around a central garden where the open workshops view across to each other. Companies that believe '*new ideas and innovation occur when random notions churn together until they coalesce*'.

As Walter Isaacson observed in The Innovators;

"The collaborations were not merely among contemporaries, but also between generations. The best innovators have been those who understood the trajectory of technology change and took the baton from innovators who preceded them".

We also reported in our *Mobile Generations* report an observation by Primo Orpilla the principle of Studio O+A in San Francisco, who designs some of today's most innovative workplaces, who remarked;

"Facebook is about the tenth of the size of these mega-multinationals. How were they able to get everybody on the same page and aggregate ideas and innovate with such a small pool? It's the environment, the environment helped. It's conductive".

air³ does all the hard work for you.

The Air³ internationally patented opening roof system features an advanced fire safety system designed to cater for sprinklered office environments and buildings, globally.

Air³ addresses disparate building codes and fire regulations in the UK, throughout Europe, in both North and South America and Asia-Pacific, Australia and India.

The construction of Air³ combined with the innovative roof, make it the most comprehensive and advanced acoustic pod system in the marketplace today.

Air³ precision-engineered aluminum structural frame is combined with flat and curved structural glass and an advanced acoustic panel sub assembly, which integrates with advanced acoustic foams. Together, they create a refined level of insulation and speech privacy.

The Air³ room system is demountable and can be moved, re-positioned and fully re-used. Interchangeable panels allow you to swap, change and refresh colours and fabrics anytime. There are 17 standard Air³ options, providing a variety of curved, square, small or large private rooms as illustrated on p76.

air³

Premium innovation

- Designed to meet global standards and compliances.
- Fixed and 'patented' opening roof options provide solutions for sprinklered and non-sprinklered buildings.
- The opening roof delivers a more subtle and refined environmental control.
- External acoustic panels provide refined sound absorption, further enhanced with Air³'s sealed glass and door panels.
- Air³'s seamless panels are designed to create a softer fresh aesthetic.

Create technically advanced, enclosed workrooms and semi-enclosed team spaces with one architectural aesthetic.

This advanced room system provides freestanding meeting or workrooms, private booths, phone booths and touch down rooms.

Achieve acoustic and visual privacy with the ability to gain greater control of the work environment.

air3

The Cabriolet Pod

is the name coined by an enthusiastic client after one of our first Air3 presentations. Everyone loved the description so much, **it just stuck!**

Now, we can't find a better way to describe one of Air3's best features than comparing it to a classic, soft top American sports car.

Open or closed? You decide, at the touch of a button.

Product:	air3
Acoustic Office Pods Patents pending, UK patent application number GB1302991.3 PCT patent application number PCT/GB2013/053158	

Small teams often outperform large ones. When people work closely with a small group and get to know each other, they make decisions faster, collaborate more openly, and innovate more. Jeff Bezos calls this the 'two pizza rule' - if there are more than two pizzas in the staff meeting, the team is too big. **Jeff Bezos – Amazon CEO**

Product:	air3
Acoustic Office Pods Patents pending, UK patent application number GB1302991.3 PCT patent application number PCT/GB2013/053158	

If you can open the roof you remove the problem.

Internationally patented opening roof system

Air^3 is the most advanced pod design system in the world, created to meet the most stringent Global Building Regulations and Standards in the UK / EU, US and Asia Pacific regions

Its simplicity has been borne out of 2 years of complex engineering and development, working with leading fire and building coding consultants, globally.

Through extensive research, we eliminated many options such as misting systems and ceiling mounted fire extinguisher solutions that proved to be prohibitively expensive, impractical or unsuitable.

Air^3 offers a truly untethered, flexible room system. Even in sprinkler environments, there is no need to drop sprinkler heads into the pods.

Acoustics | **Fire Safety** | **Ventilation** | **Lighting** | **Electrics**

All in one free standing package

Transform the temporary and make it feel permanent.

The most advanced pod design in the world.

Product: air³

Acoustic Office Pods
Patents pending, UK patent application number GB1302991.3
PCT patent application number PCT/GB2013/053158

Sprinkler coverage, made simple.

UK & EU

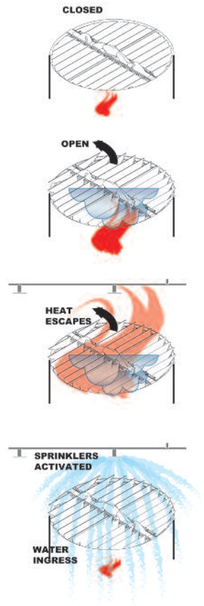
- **BS 9999 Code of practice for fire safety in the design, management and use of buildings.**

IBC – International Building Code 2015
(disability access, heights, general access, electrical, lighting, airflow)

North America / Global references
- NFPA 101 Life Safety Code
- NFPA 13 Sprinkler Code

Approval Doc B – Building regulations.

- Tested at BRE Global for water ingress to BS EN 12845



6 Fail-safes

This six step, fail safe system is designed to cut power to the pod. The actuators require no power to open. Instead, they release through a spring mechanism.

1 — Integrated smoke detector cuts power to the pod and opens the roof.
2 — Integrated heat detector cuts power to the pod and opens the roof.
3 — PIR opens the roof when not in use.
4 — Failure of the smoke detector cuts power and opens the roof.
5 — Can connect to the buildings management system.
6 — A power failure will always open the roof.

Working closely with some of the best clients worldwide, Air³ offers a unique, patented fire safety solution. It's simple – the roof opens which categorises the pod as being completely open.

Air³'s internationally patent pending rotating louvre blades are controlled by actuators. They close automatically when entering a pod and open again after exiting, or in the event of fire or power failure.

Operation sequence

Stage 1 (roof closed)
If a fire starts in the pod, it will be detected by the smoke and/or the heat detector.

Stage 2 (roof open)
The detectors immediately cut the power to the pod, which opens the louvres. Louvres are powered to shut and spring loaded to open when there is no power.

Stage 3 (heat loss)
The open roof allows the heat to release, setting off the closest sprinkler heads.

Stage 4 (sprinkler activated)
The 74% open area allows sufficient, evenly spread, water ingress from the sprinklers to control the size and spread of the fire within the pod.

The roof is specifically programmed to close in 19 seconds but open in 8 seconds to create a smooth but rapid opening roof in the event of a fire.

Product: air3

Acoustic Office Pods
Patents pending, UK patent application number GB1302991.3
PCT patent application number PCT/GB2013/053158

> **To work in an open plan office is to work exclusively in public, which turns out to have just as many drawbacks as working entirely in a private office.**
>
> **We need the ability to break down our spaces; to create intimate, accessible work zones.**

A soft top & instant fresh air.

Air circulation in the pods incorporates our airflow roof solution, allowing users to both control the general air flow and the climate more easily. This means you don't need to tether air conditioning into the pods.

Manual control available for fresh air.

Everyday operation

- **'Static' mode** (roof fully open)
  When the pod is unoccupied the roof is always open.

- **'In use' mode** (roof fully closed)
  Walk into the pod and the PIR senses movement, closing the roof to create acoustic privacy.

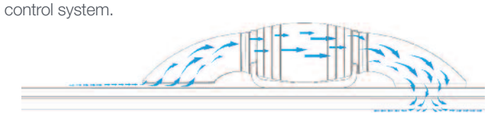
- **'Manual' mode** (roof open 10° / 90°)
  When the pod is occupied, it is possible to select either 10° or 90° roof open position for enhanced airflow.

- **'Meeting over' mode** (roof fully open)
  When the meeting is finished and the room is vacated, the PIR turns the power off after 15 minutes and the roof automatically opens.

Fail-safe modes will continue to function regardless of which manual setting the roofs are set to and will open the roof in the event of a fire.

At the heart of the pod is the 'services hoop' containing lighting, ventilation, power, user control panel and roof actuators. These are integrated and linked through our unique electronic control system.

No need for expensive relocation of your air-conditioning ceiling units.



By limiting the CO^2 build up you can dramatically improve concentration levels, comfort and ultimately productivity.

Extensive research into airflow within the office has shown that CO^2 is the most important element to control within the pods.

The uniquely designed air circulation system delivers 280-380m3/h of low noise airflow through each hoop. That equates to a maximum air flow of 105 litres/s which is 2.5 times the amount required for 4 people in a 2.8 x 2.95m pod (each person needs 10 litres/s).

Product: air³

Acoustic Office Pods
Patents pending, UK patent application number GB1302991.3
PCT patent application number PCT/GB2013/053158

Product: air³

Acoustic Office Pods
Patents pending, UK patent application number GB1302991.3
PCT patent application number PCT/GB2013/053158

Highly engineered composite roof panels both fixed and opening create great insulation and give an extra boost of absorption.

Innovative, invisible acoustic glass joiners eliminate the need for frames.

The pod's 88dB privacy factor is derived from the "installed" acoustic insulation rating of 33dB Dntw - based on real site testing and an ambient of 55dB... the higher the ambient, the greater the privacy factor.

Precise engineering creates highly efficient acoustic glass seals

34dB Rw glass insulation performance

Class C absorbers, inside and out - Highly engineered soft upholstery panels combined with inner insulation core and air gaps, create a perfect balance of absorption and insulation for speech clarity - 0.4sec min. reverb rate internally.

Fine-tuned acoustic performance.

Air³ pod: 33dB/43dB with soundmasking

Air³'s acoustic privacy is fine-tuned to human speech (100hz to 5000hz) through exceptional insulation levels and innovative soft paneling inside and out that absorbs and dissipates speech inside the pods.

"34dB RW glass performance, but that's not the whole story. If you can absorb and block the mid to high frequencies you create speech privacy."

Optional fixed roof available.

"90% less visible frame, the solidity of glass and soft walls to fine tune the acoustics."

A fine tuned balance of insulation and great absorption inside the pods creates perfect speech clarity.

If you can control and block consonants (mid to high frequencies), you can create speech privacy. Its extremely difficult or impossible to comprehend a conversation without both consonants and vowels together.

Product: air³

Acoustic Office Pods
Patents pending, UK patent application number GB1302991.3
PCT patent application number PCT/GB2013/053158

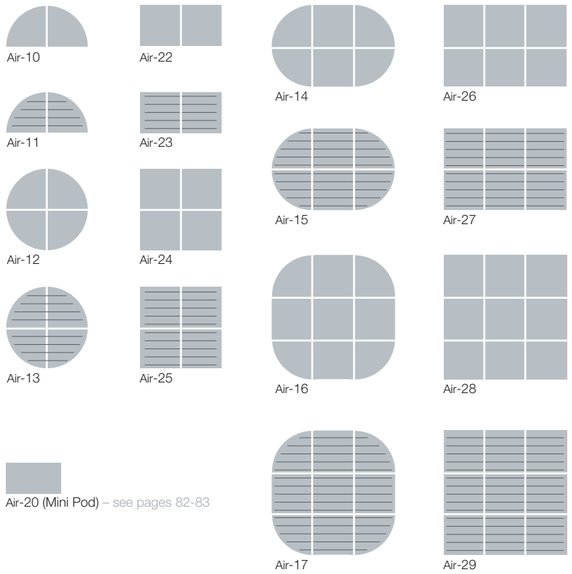
Acoustic and visual privacy available in small, medium & large.

The Air³ system extends from the Air-20 Mini Pod (2002mm x 1507mm) to the largest Air-29 (4090mm X 4400mm).

Air³ builds from the structural hoop which is combined with either round or square end panels which can be used on their own, mirrored or extended with a central straight panel in either direction, as illustrated.

Creating a beautifully succinct yet expansive range of versatile enclosed and refined acoustic workspaces, designed to enliven any busy open plan environment. Where the ability to achieve privacy and concentration is valued.

A product range that does all the hard work for you



1

patented opening louvre system.

Product:	air³
Acoustic Office Pods Patents pending, UK patent application number GB1302991.3 PCT patent application number PCT/GB2013/053158	

Two roof systems.

Endless flexibility.

Air³ is available with two roof systems, the innovative and patented opening louvres,

or

as an engineered, fixed, acoustic roof panel system.

2

engineered, fixed, acoustic roof panel system.

“Sometimes going into a room and closing the door is important, depending upon the task that you’re working on. I mean, if it’s a collaborative task, then no. But if it’s a report you have to prepare, then yes, because you’re free from your emails, any interruptions, people coming to your desk and all the things that go on in an open plan office. You’re in there, the door is closed and people know to leave you alone”.

Product: air3

Acoustic Office Pods
Patents pending, UK patent application number GB1302991.3
PCT patent application number PCT/GB2013/053158

Product:	air³
Mini Pod (product code Air-20) Patents pending, UK patent application number GB1302991.3 PCT patent application number PCT/GB2013/053158	

The Mini Pod. Personal, Private, Productive.

The Air³ personal concentration/work pod is specifically designed to provide a refined, comfortable space for either a single person or works equally well as a shared space. The use of customised signage as illustrated, delivers clarity within the shared workspace, of how to use the pod as intended.

This phone booth solution is ideal if you need to make a discreet call, concentrate on personal work or have an informal discussion with a colleague.

Class C Absorbers + **Super Efficient Footprint** +
0.4 Second Reverb + **DDA compliance** + **Multi Functional** +
34dB RW Glass + **Super Quiet Air Circulation**

= **Minipod.**

Product: Airea

Acoustic Office Pods [The original, classic design]
Establishing the key principals of pod products

Airea

the original, classic design

The original innovative modular design that offers flexibility and reconfigurability, with a greater emphasis on value for money.

- Airea allows the user to choose the specific arrangement of vertical panels (clear acrylic or solid fabric) that they want.
- The shared party wall feature enables rooms to be joined.
- Integrated internal seating and worktables are part of the Airea programme.

Product: Airea

Acoustic Office Pods [The original, classic design]
Establishing the key principals of pod products

The first pod solution to provide acoustic and visual privacy where you need it.

Airea, the first pod solution to provide acoustic and visual privacy where you need it. Since its launch it has created a new furniture category and established the key principals of pod products.

1 — **not fixed to the building, can be positioned anywhere.**
2 — **reposition / relocate / 100% re-useable**
3 — **fully integrated services – 'plug-in and go'**
4 — **install in real time (a few hours)**
5 — **specify / manufacture / deliver (6-8 weeks)**

Since its launch, Airea has created a new furniture category and established the key principals of pod products.

Product:	Airea
Acoustic Office Pods [The original, classic design] Establishing the key principals of pod products	

Internal options

1 — LED lighting
LED lighting allows for high output with low energy consumption and a long lamp life.

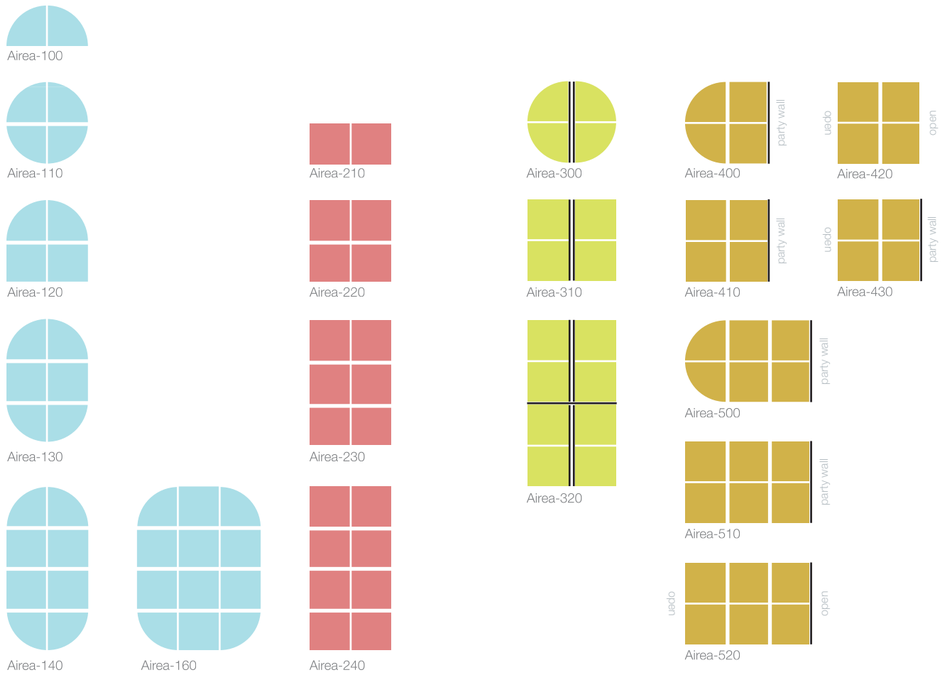
2 — Integrated media tables
Connected directly to the hoop with simple power, data and AV connectivity built in.

3 — Integrated seating
Integrated seating can be installed within the pods by means of a simple hook and bolt system, maximising the interior space for meetings/collaborations.

4 — Mounted screens
Presentation screens and interactive whiteboards can be mounted directly to the pod structure, allowing the cabling to be hidden.

The flexibility of 26 options.

individual pods | joined pods | inline joined pods



Product: Airea

Acoustic Office Pods [The original, classic design]
Establishing the key principals of pod products

Ease of assembly

The pods consist of 4 primary elements

1 **services hoop**
2 **screen**
3 **door**
4 **roof**

The services hoop contains all the technical and electrical services such as power, lighting and airflow. The screens and doors simply hook onto each other from the hoop and are finally locked into place by the roof panels.

Airea-110
[shown above]

1 tool
+
2 people
+
2 hours

Product: Airea

Acoustic Office Pods [The original, classic design]
Establishing the key principals of pod products

Joined workrooms.

Airea party walls allow for rooms to be joined together back to back or in rows. The most difficult acoustic scenario in a workplace is two quiet rooms connected together, as you are more likely to hear 'next door' when th ambient sound is very low.

A user control panel in each individual workroom provides independent control over light levels and airflow.

Acoustic levels are controlled between rooms through a 100mm thick 'party wall'.

A combination of acoustic materials absorb and dissipate speech inside the pods.

Product: Cove

Screens/Space Dividers
A welcome oasis within an open plan workspace

Cove

Cove facilitates a more relaxed approach within the open plan workplace and contributes to making work environments less stressful.

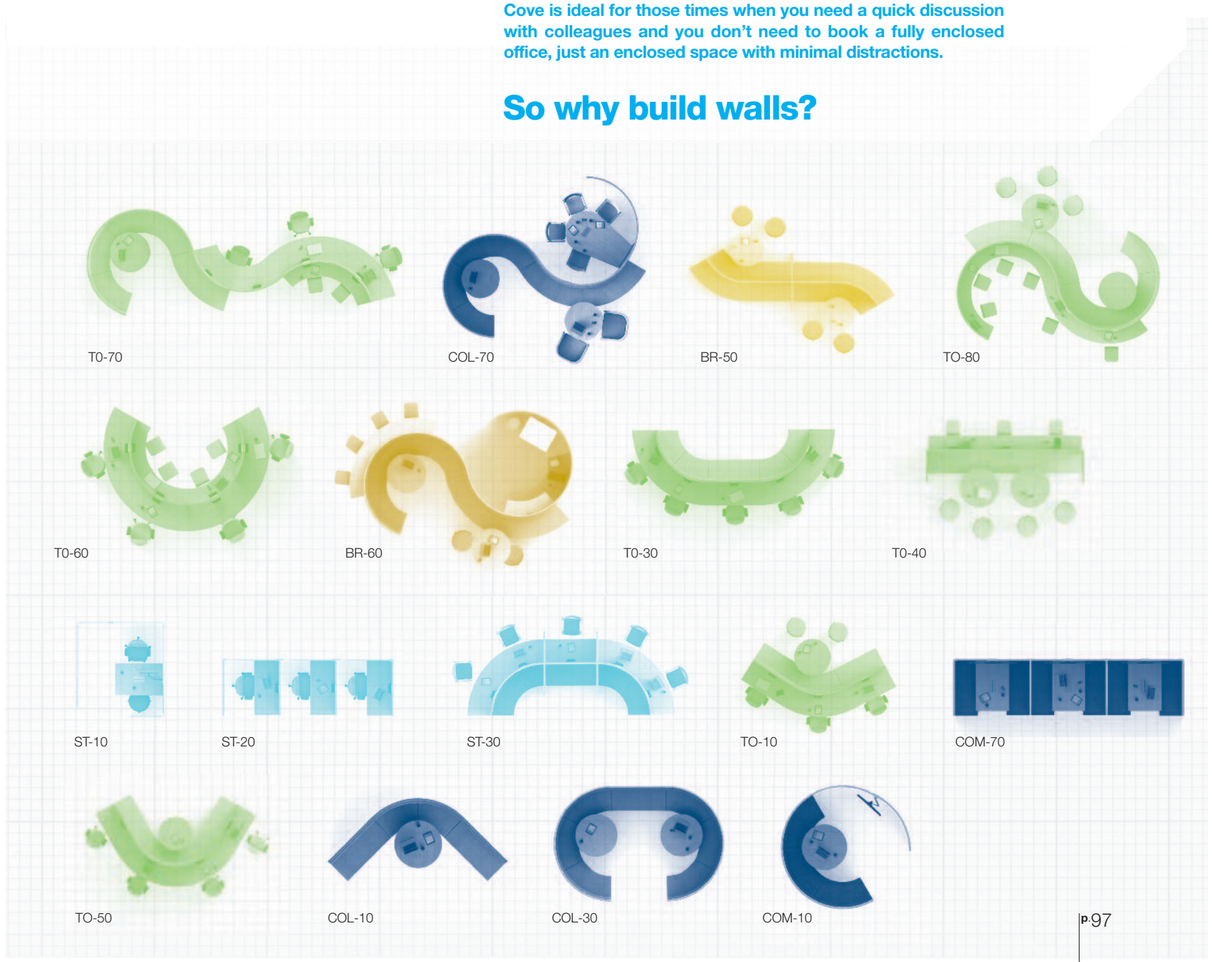
Product:	Cove
Screens/Space Dividers A welcome oasis within an open plan workspace	

This flexible system of screens, seating and work surfaces can be configured into a vast array of function scenarios, offering expansive choice and flexibility.

The power of Cove is its ability to adapt, change and reconfigure on site easily to meet new workplace needs - with no dilapidation costs. Similarly with Airea, this means that with just one life cycle move, 90% of the initial cost is saved.

Cove is ideal for those times when you need a quick discussion with colleagues and you don't need to book a fully enclosed office, just an enclosed space with minimal distractions.

So why build walls?



Product:	Cove
Screens/Space Dividers A welcome oasis within an open plan workspace	

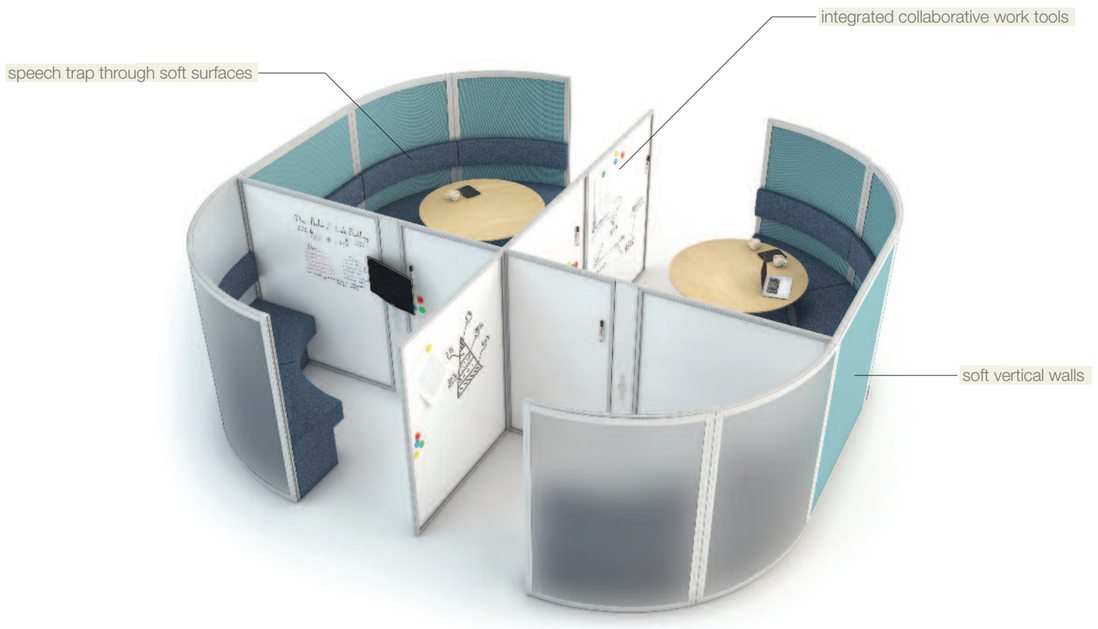
Move and expand as your needs vary.

Our need for more diverse function scenarios within the same space is expanding rapidly; whether a quick conversation with colleagues, a short period of concentrated personal work or taking a break. Flexible and mobile workplace technology allows these expanding 'third spaces' to become increasingly more productive.

Cove creates easily accessible and adaptable workspaces, in addition to the private desk.

Offering these flexible spaces is increasingly critical within the collaborative workplace, where innovation and the exchange of ideas between colleagues are central to the success of any organisation.

Cove is site assembled by a simple 'hook and bolt' system, which enables a vast array of function scenarios to be created with ease and speed.



Cove allows more flexibility and diversity.

When you need to change or expand, simply break down and re-configure. There's no need to buy new pieces and no dilapidation costs.

Create work areas that you don't own but allow you to be more effective within the shared, collaborative and adaptable workplace.

One system can easily be reconfigured to create diverse work or resource spaces which are designed to control the spread of disruptive noise.

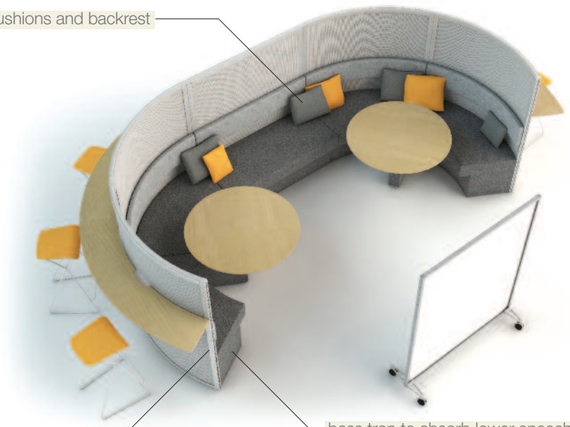
Upholstered screened spaces become a welcome oasis within an open plan workspace, where fabric and colour can be used to realise a more refined and stimulating environment.

integrated collaborative work tools

Product: Cove

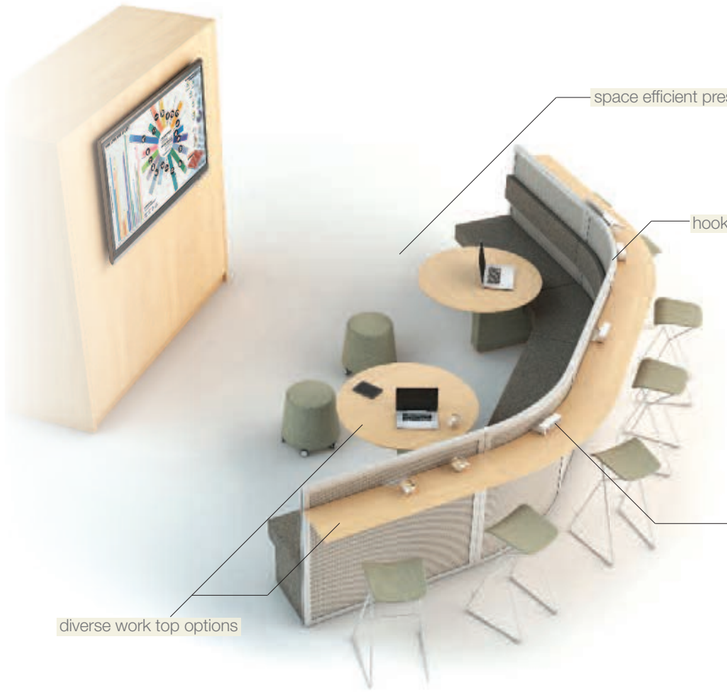
Screens/Space Dividers
A welcome oasis within an open plan workspace

absorption from cushions and backrest



soft vertical walls

bass trap to absorb lower speech frequencies



Product:	Bay
Screens/Space Dividers Flexible privacy through mobile screening	

A comprehensive range of screens, with upholstery and acrylic infills.

In a workplace that's constantly evolving, it's critical to generate flexible privacy through mobile screening.

Bay offers a comprehensive range of screens with upholstery and acrylic infills, in 3 height options, creating varying privacy levels from seated to standing height.

Featured – mobile magnetic whiteboard option.

70%

70% use Search engines to learn what they need for their job.

30%

30% of Millennials spend their own money on work IT

personal
collaborative
enclosed
open

away

from the desk

The new diversity of work surfaces

connecting people, not furniture.

orangebox

Capturing the qualities of

Café Society

Perhaps we need to recognise and learn from the attributes of great **social and interactive spaces from the past** that have allowed us to communicate and create **in ways that haven't been possible in a server desktop world.**

In these spaces, privacy could be found, yet casual mingling and productive chatter allowed ideas to be exchanged and refined, **without any formal planning.**

Away from the Desk

is about learning from our great social environments and bringing the successful dynamics of these spaces into the new workplace.

Working in a post-PC world

Recent advancements in technology have demanded significant changes in working practices and the places where people work. The desire for more effective collaboration is seeing a movement away from the fixed, private workstation to a more varied and transient workplace.

Workers are seeking access to a variety of smaller devices, with longer battery life, instant-on function and intuitive, touch-centric interfaces.

The personal desk with its fixed, tethered technology is losing pre-eminence.

personal & collaborative

What defines the Away from the Desk (AftD) workplace?

It's a place that connects people, not furniture.

Smart companies know that innovation is inherently social in nature. The big question within these organisations is:

how do we allow our key assets, our people, to create and innovate more effectively?

enclosed & open

‘As we move towards a more mobile work style.

This mobility will drive down the space per person demand, whilst increasing the requirements for the right quality and type of space’.

AstraZeneca

Places for informal meeting, working, studying,

and configurations that encourage off-chance encounters, impromptu discussions and social buzz

At the same time, there is always the opportunity to find a quiet space to concentrate, which is critical to achieving any successful open plan workspace.

AftD's fully upholstered system is designed to help achieve a more refined acoustic environment.

screen to screen

As we move **from the fixed, tethered PC towards the portable and hand held,** we have a new opportunity to work more flexibly, productively and collaboratively with work colleagues, whether they're sitting at the same table, located remotely or a combination of both.

AftD is defining a more fluid, shared and social workplace.

AftD is a soft landscape system that combines meeting areas with personal, collaborative and media working zones. Product options can be specified individually, or combined within diverse shared workspaces. **AftD** creates environments where individual workspaces integrate seamlessly with larger, more collaborative work configurations.

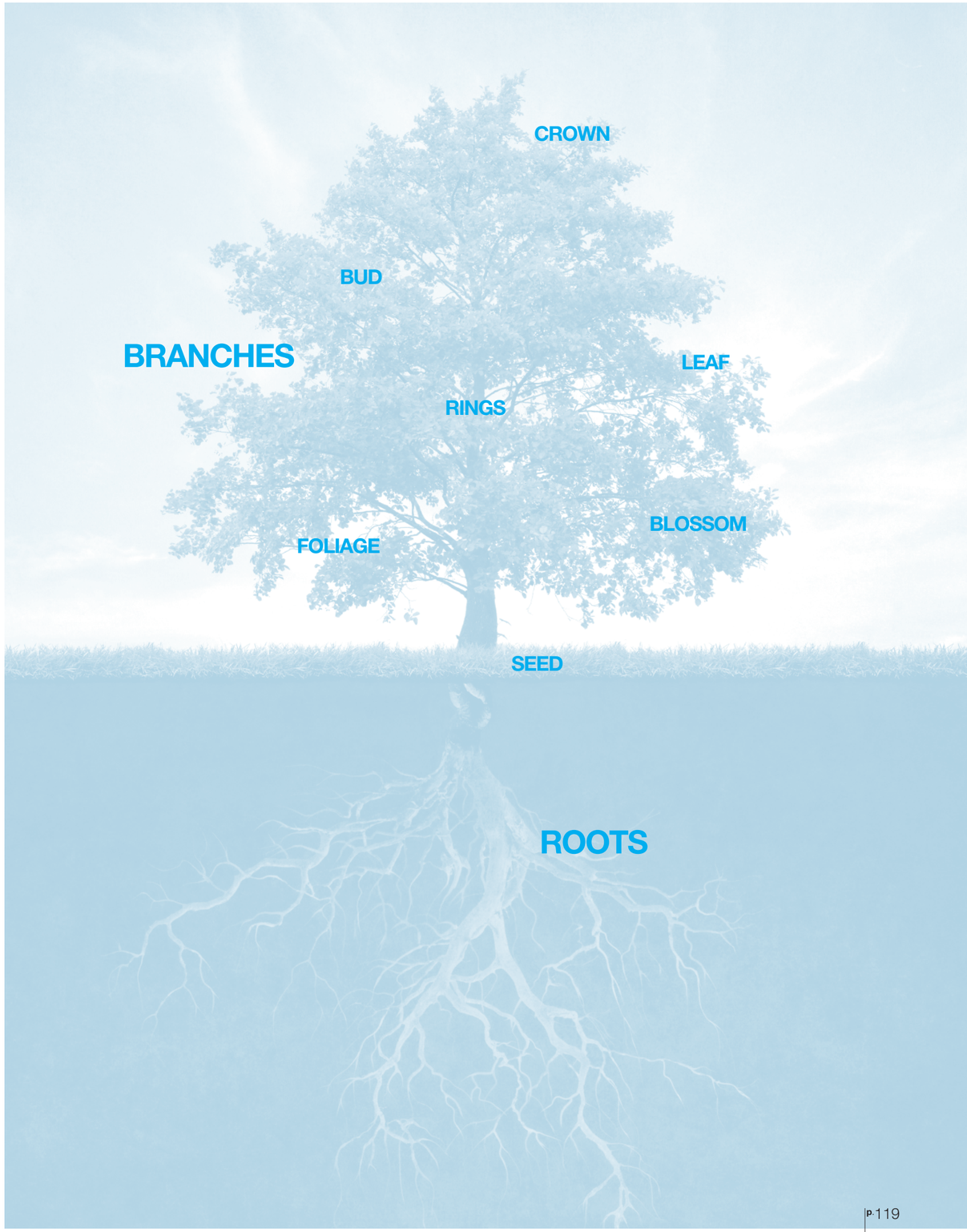
Within the **AftD** workplace, meetings migrate from being exclusively face to face, to a mix of 'face to face' 'screen to screen' and a combination of the two.

> **The workspace will be mobile and social in nature, so that communication moves beyond one-to-one to many-to-many to capture the power of social networking.** Cisco

away
from the desk

is a dynamic structure -
the sum of its component parts.

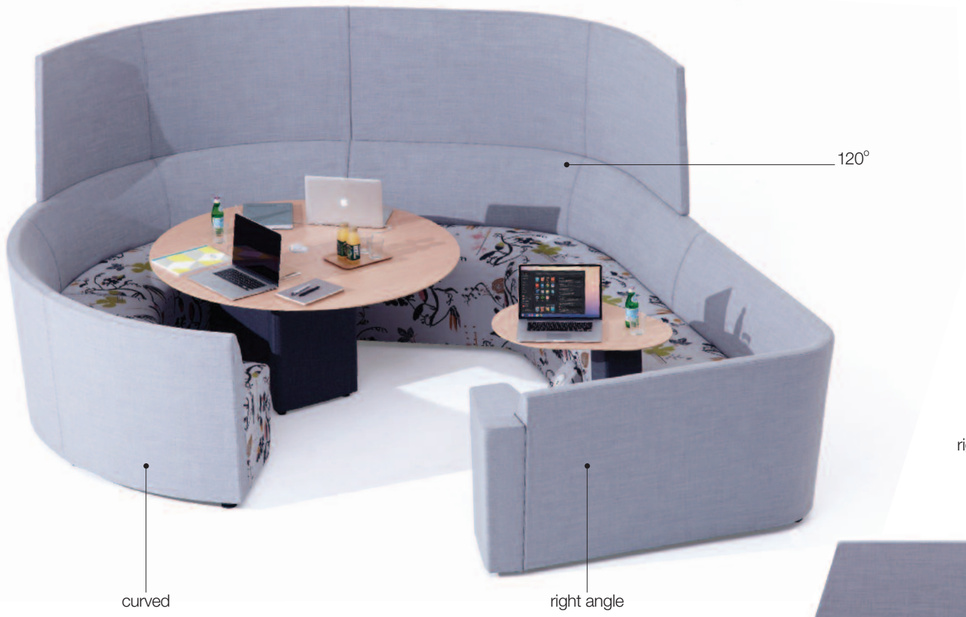
like a tree
a complex
construction,
which we
read as
beautifully
simple.



straight | curved | right angle | 120°

When combined with the full range of **AftD** worktables, with integrated power & data **AftD** delivers a new diversity of work settings, with a concise and logical architectural design.

To work within both
confined spaces or
expansive open plan environments.



Power & Data

Away from the Desk has 4 types of power & data specification options, as illustrated within this section and as detailed within the price list and technical specification sheets.

1a – work top
1b – work top
2 – arm
3 – inside face of upholstered table structures

“If I want to concentrate, I won’t be at my workstation because that’s where people know where to find me and interrupt me...

... If I don’t want to be interrupted, I need to go to another space.”

As an upholstery system **AftD** offers the designer a wide choice of fabric options from blocks of architectural colour, to more expressive and richly decorative prints.

AftD is built from an internal wood frame with layered structural foam, designed to enhance the acoustic performance of the workplace.

Huddle Buddle

[opposite] A compact meeting table with an upholstered base, designed to be combined with **Sully** or **Ramsey**.

Being able to move seamlessly from concentrating quietly, to having a quick 10 minute conversation with colleagues, to a three hour team meeting within the same office space delivers a new vitality to the collaborative workplace.

> Our research has told us that we need a wide choice in product options. It's simply not effective to only specify a configurations designed for four or six people and then having it commandeered by one person for a full day, we need a mix.

Creating layouts with Away from the Desk

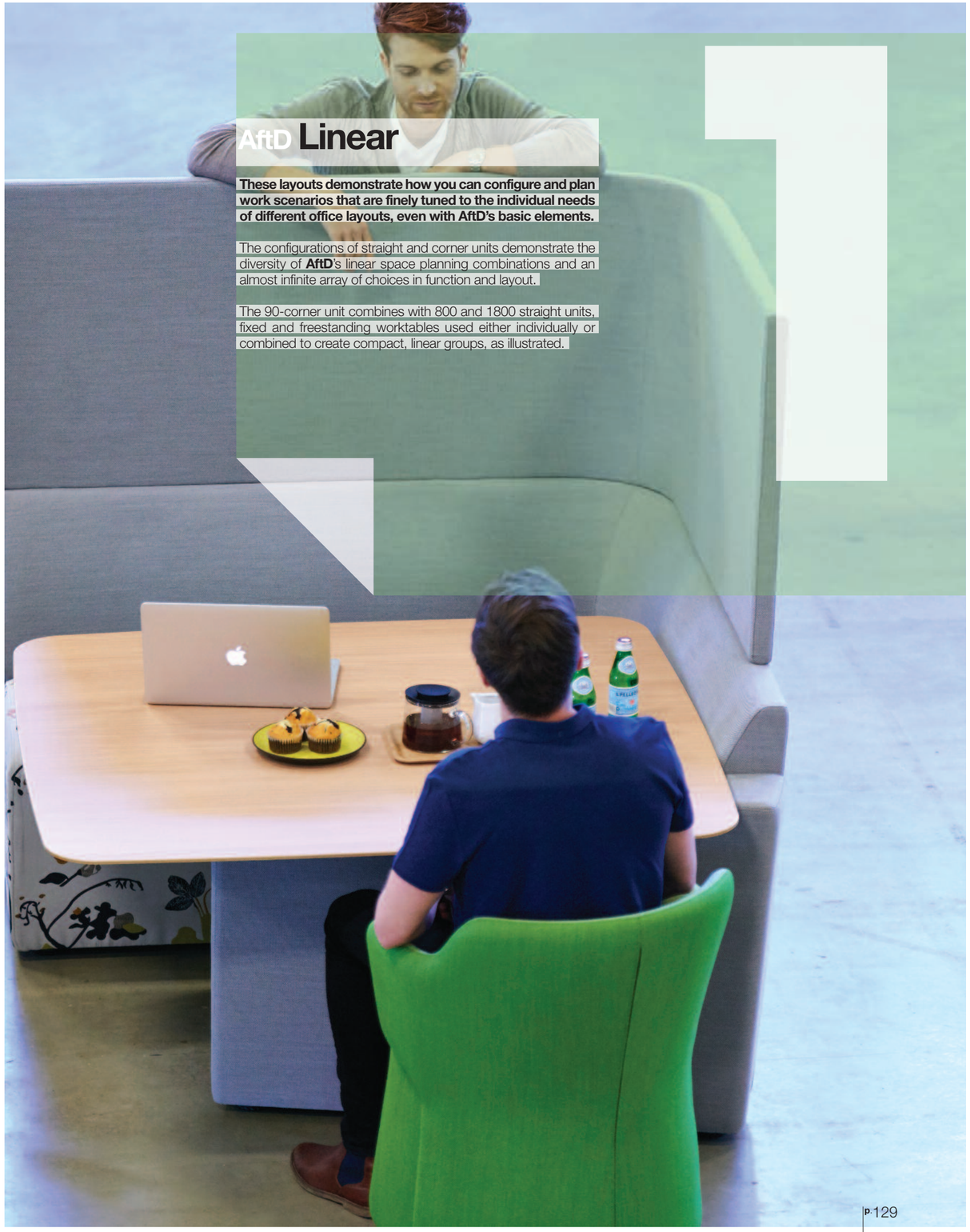
5 layout typologies demonstrate the potential to configure **AftD** into multiple function and space planning scenarios. They illustrate the diversity of choice achievable with **AftD** - a system of few components and many applications.

1 Linear
2 Linear groups
3 120° & Circular
4 Islands
5 Communities

“

It’s empowering to be told you can work when and where you want. It makes you feel like a grown up. And if you work in a good office which is quite buzzy, friendly and energising, you take the energy from that.

”



AftD Linear

These layouts demonstrate how you can configure and plan work scenarios that are finely tuned to the individual needs of different office layouts, even with AftD’s basic elements.

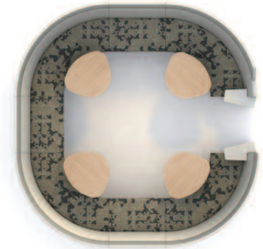
The configurations of straight and corner units demonstrate the diversity of **AftD**’s linear space planning combinations and an almost infinite array of choices in function and layout.

The 90-corner unit combines with 800 and 1800 straight units, fixed and freestanding worktables used either individually or combined to create compact, linear groups, as illustrated.

1 AftD Linear

Linear

Using ‘Linear’ combinations individually.



1 AftD **Linear**

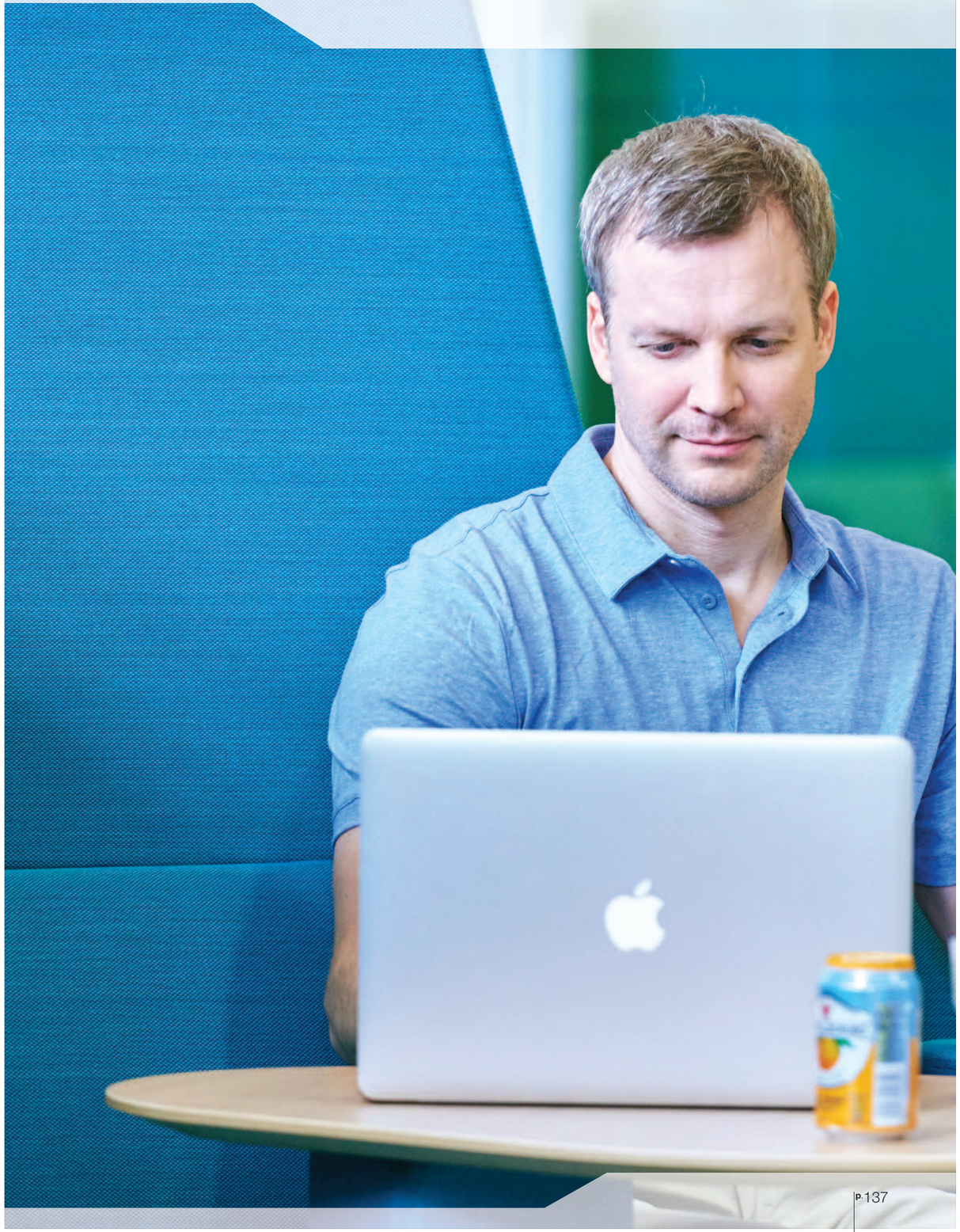
AftD Linear illustrates how **AftD** can be used either individually or combined with other units to offer diversity in function and privacy, whether open, semi-open or enclosed.

> We stopped assigning desks and as soon as you do that, it really alters things.
>
> **Once you let people do what they want, to work where they choose, you can concentrate on the people. You have to train them better and you work more intelligently.**

1 AftD Linear

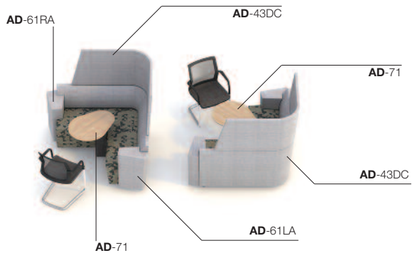
“People need time and space if a light conversation evolves into something more substantial.”

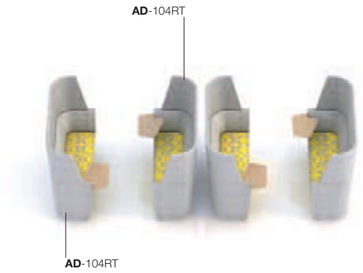
1 AftD **Linear**

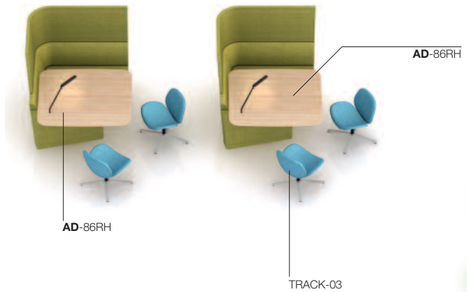


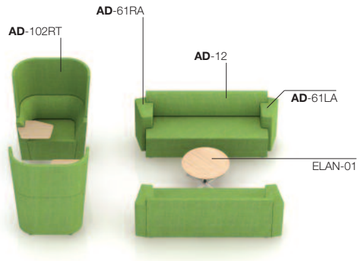
1 AftD **Linear**

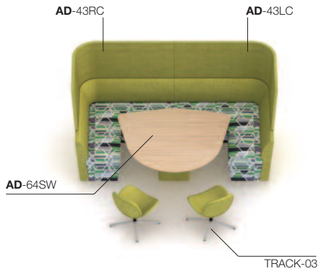
component product codes

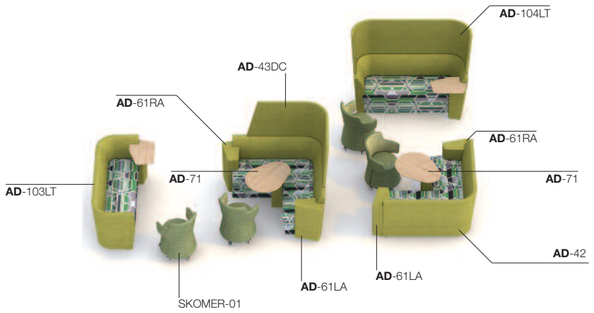


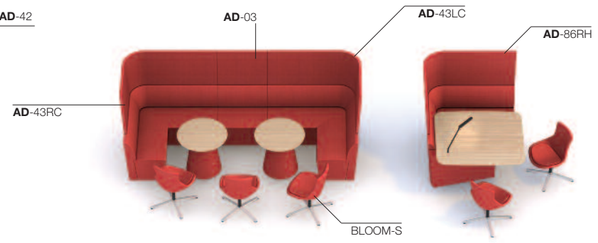


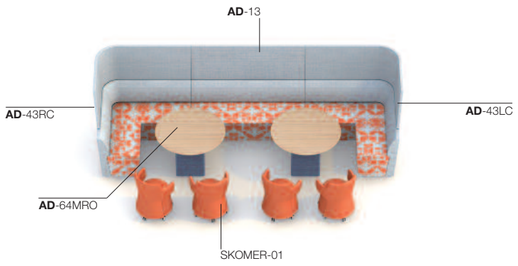


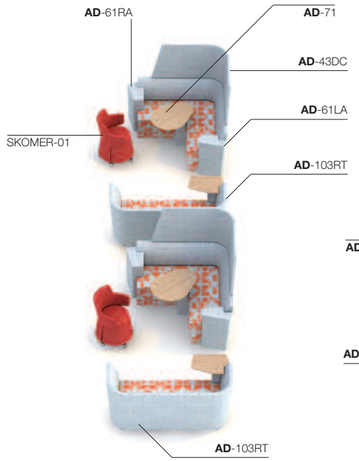


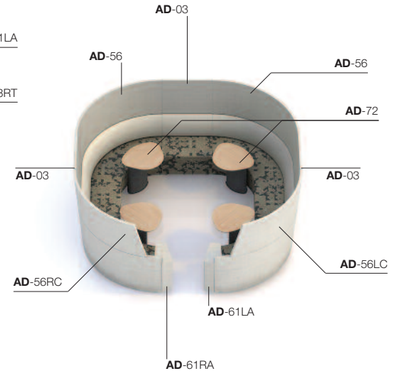


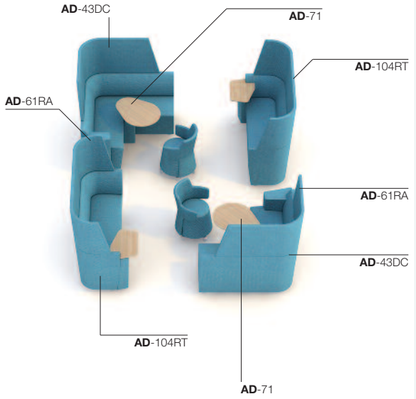


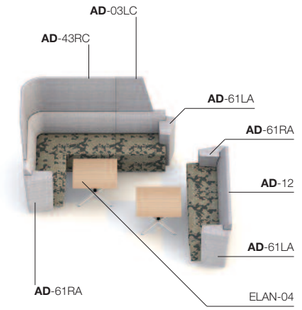


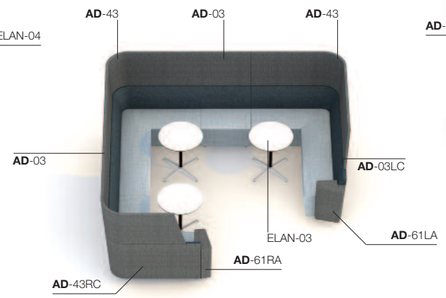


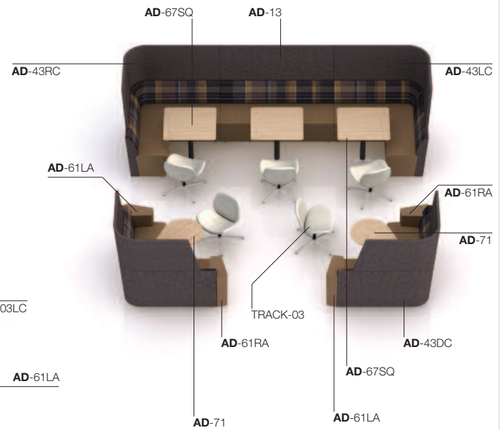










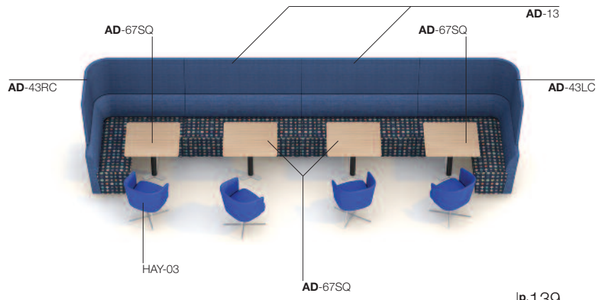


Some of the units illustrated are stand-alone and have a unique code number, as shown. Most, however are configured from individual components, each with its unique code number. These units are configured with the combined individual component numbers, which cover base units, arms, sofa backs or sofa backs with the upper privacy back, tables and where illustrated, combined with additional **Smartworking**™ and **Network Landscapes** product.

All of the **AftD** components, together with the other product codes are easily accessed within the full Orangebox Price List.

The **AftD** base units combine with a reclined and comfortable lower sofa back, with the further option of a upper privacy back to create a combined unit height of 1470cm.

The **AftD** units can then be planned into an expansive range of individual, connected and grouped configurations, offering wide scope in terms of size, function and privacy.



“

Sometimes collaborative work is simply about greater interaction with the immediate team around you. Having the opportunity to re-engage is crucial and you need the correct set up to achieve it.

”

AftD Linear groups

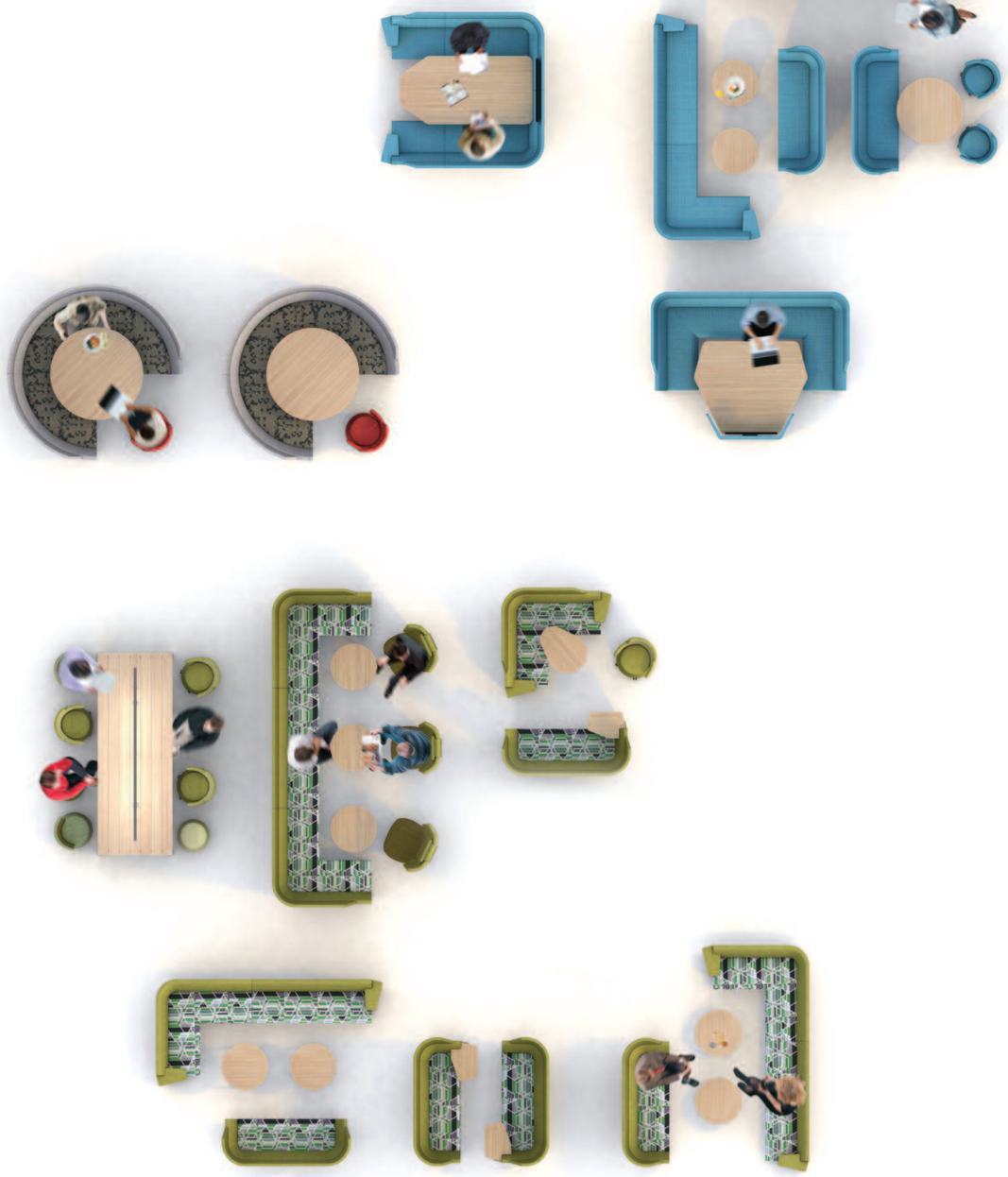
Explore the planning and grouping potential of low and high back units combined to create compact, collaborative work areas within a single space.

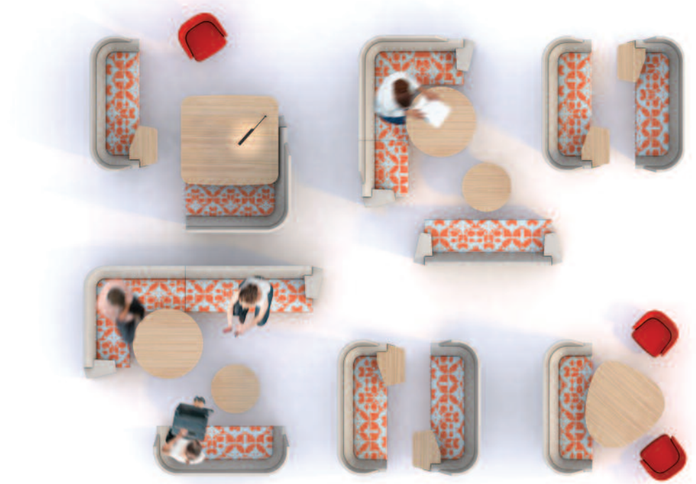
As with the previous section, these groups focus on linear combinations and highlight how the **AftD** units can be configured to work with each other for premium space planning.

The plans show a mix of open and semi-enclosed units with diverse worktable options from the **AftD, Network Landscapes** and **Smartworking**™ ranges.

2

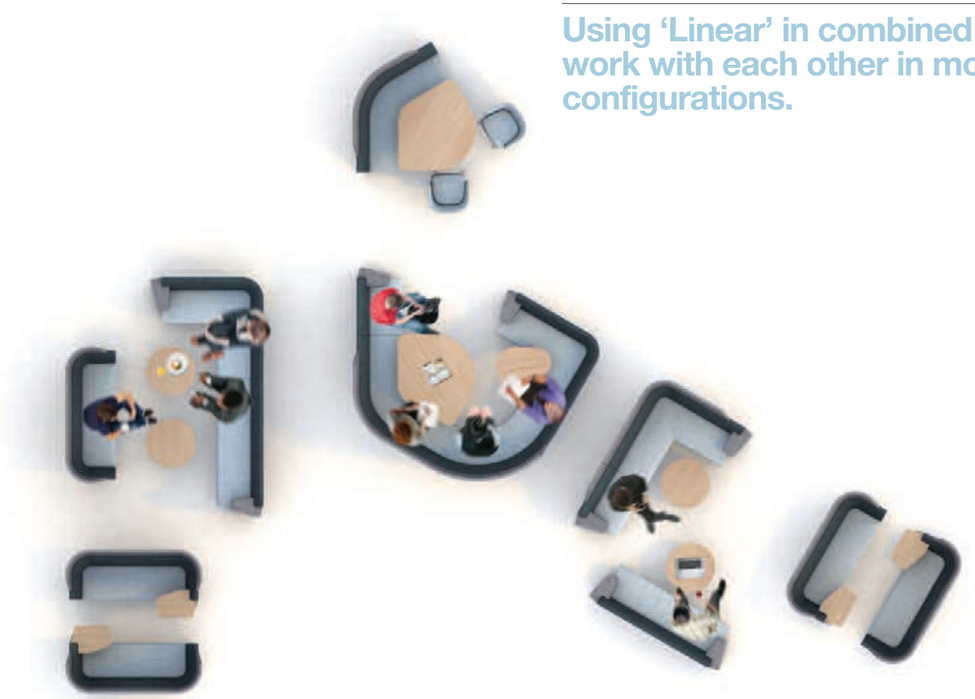
2 AftD Linear groups





Linear groups

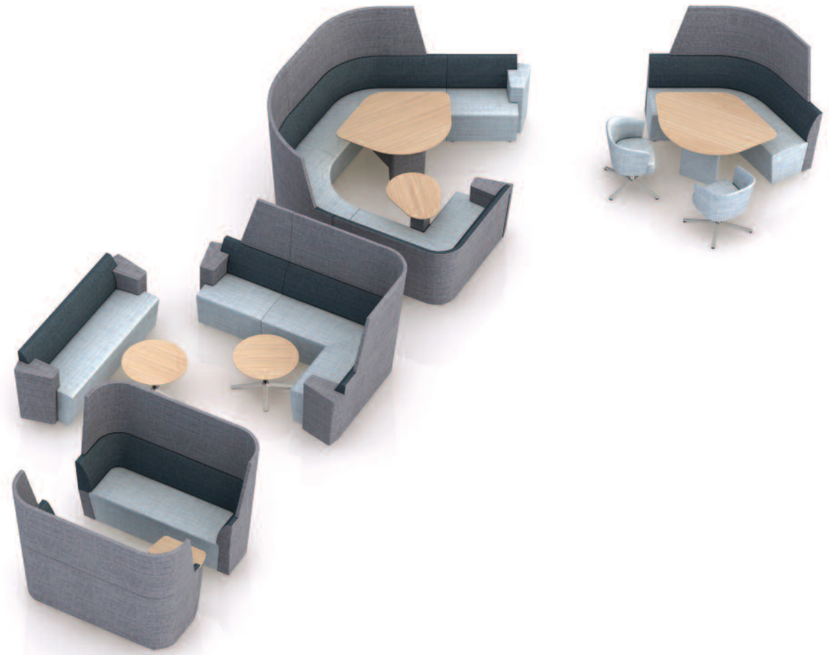
Using ‘Linear’ in combined groups to work with each other in more complex configurations.



2 AftD **Linear groups**

AftD Linear groups suggest the diversity of options available when combining **AftD** units together. The result is a rich diversity of function layouts within a limited footprint and the benefits of combining both the lower sofa back and the upper privacy back.

> If you're doing something that's confidential and you're in an open workspace, sometimes you just want to hide away somewhere where you can
>
> **CONCENTRATE.**



2 AftD Linear groups

“

We stipulate within our open plan workspace, if you are going to take a call, preferably you take it away from the desk, but you need to provide the space for that to happen.

If people walk up and down, where other people are working it just annoys them.

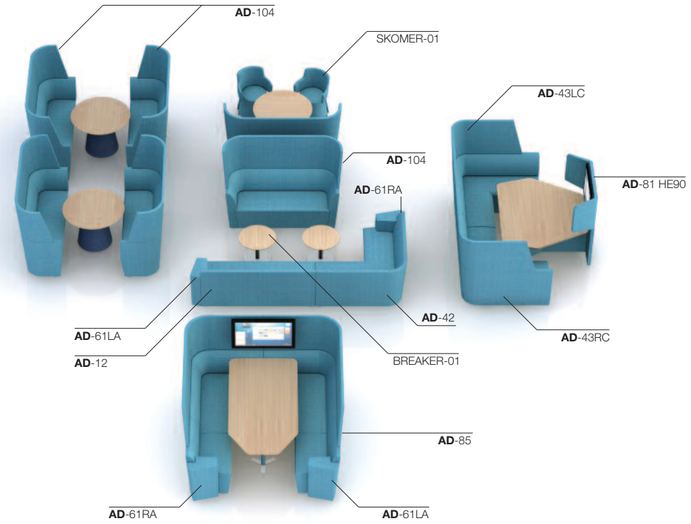
So you need to create designated spaces to move around and have calls.

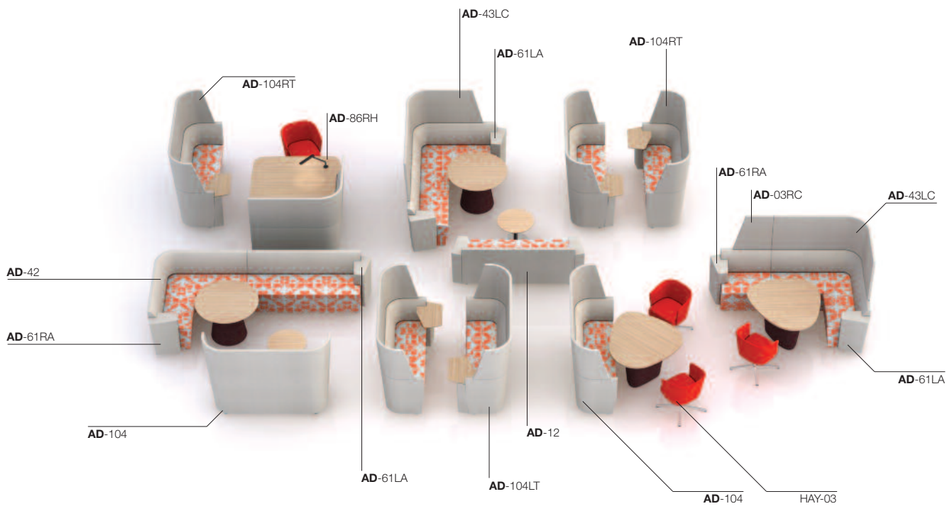
”

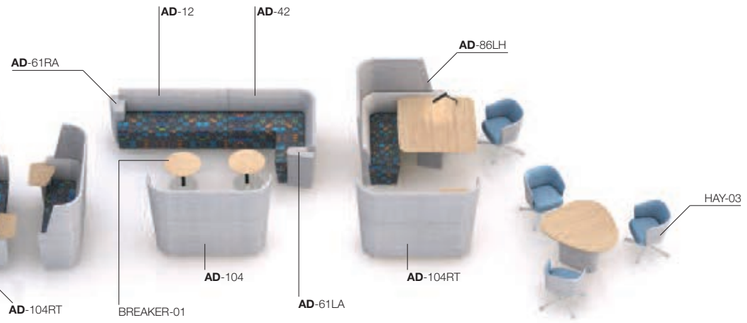
2 AftD Linear groups

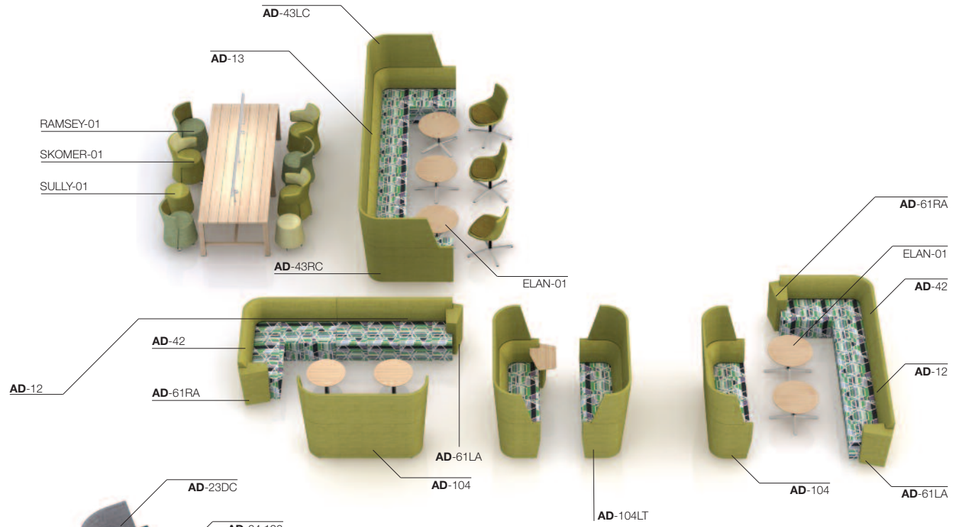
2 AftD Linear groups

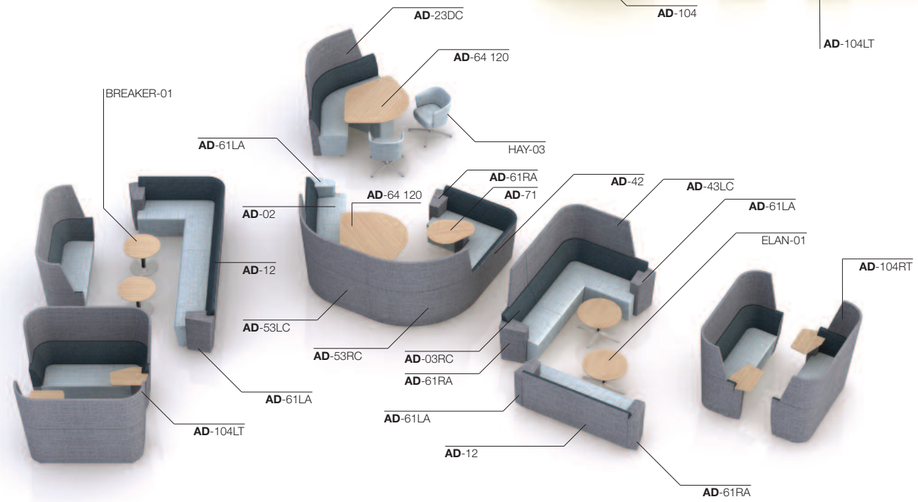
component product codes











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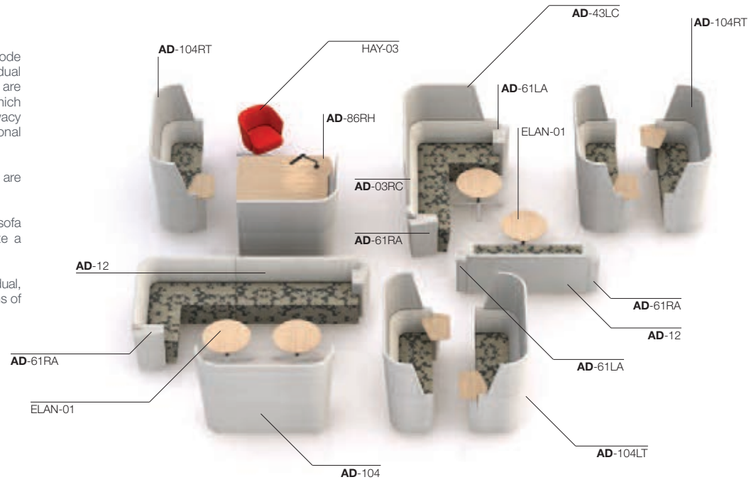
All of the **AftD** components, together with the other product codes are easily accessed within the full Orangebox Price List.

The **AftD** base units combine with a reclined and comfortable lower sofa back, with the further option of a upper privacy back to create a combined unit height of 1470cm.

The **AftD** units can then be planned into an expansive range of individual, connected and grouped configurations, offering wide scope in terms of size, function and privacy.



“

There’s a difference between privacy and not being interrupted. I need to have time to ignore the tools that are buzzing away at me and do a task that I really want to focus on.

”

AftD 120° & Circular

Discover the potential of combining the radiused corner and the 120° curved units, with a choice of worktable options and both low and high backs, to create groups that work both individually or in a mixed group. Designed to offer more varied function and layout choice to the previous linear options.

On their own, each creates a precise design and planning attitude. When worked together, they illustrate a range of options you would only expect to achieve from a more complex upholstery or desking system.

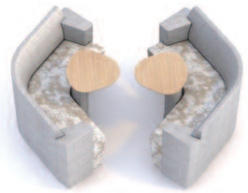
3 AftD 120° & Circular

120° & Circular

Focuses on curves and 120° angles to deliver three-dimensional configurations.

3 AftD 120° & Circular

> **Expectations have changed. It starts with the chief executives.**
>
> Many now work on their iPad. Then that catches on amongst the assistant directors and so on into the main workforce.

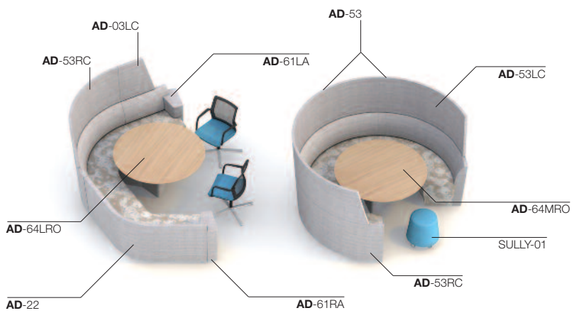


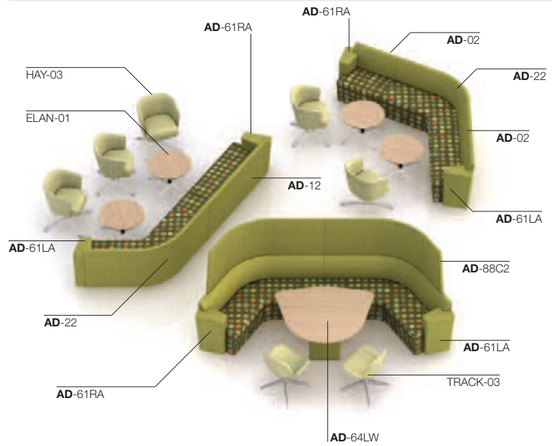
3 AftD 120° & Circular

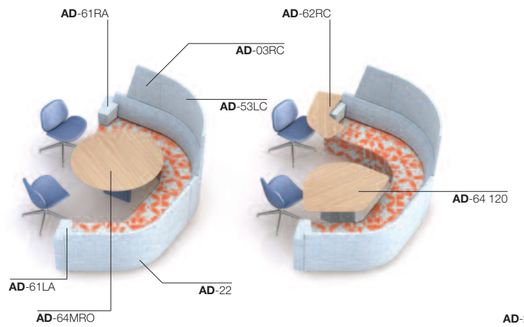
> I might start on the phone or the tablet and then realise I need to get the laptop out.

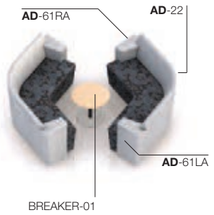
3 AftD 120° & Circular

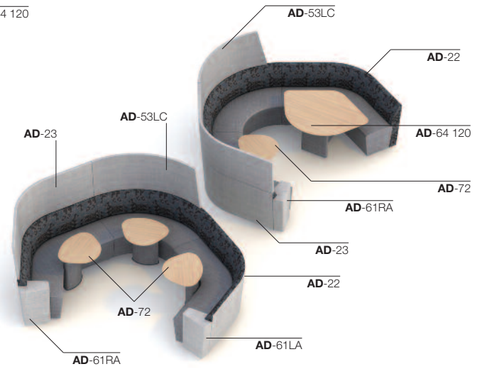
3 AftD 120° & Circular

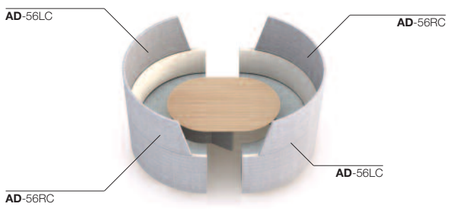












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All of the **AftD** components, together with the other product codes, are easily accessed within the full Orangebox Price List.

120° and Circular groups builds from a base unit of either 800 or 1800. This connects with two radius corners and a 120° concave or convex unit, with the potential to also link into a three-way base unit, as illustrated.

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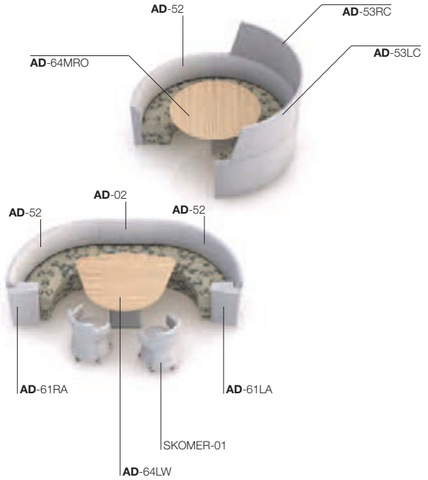
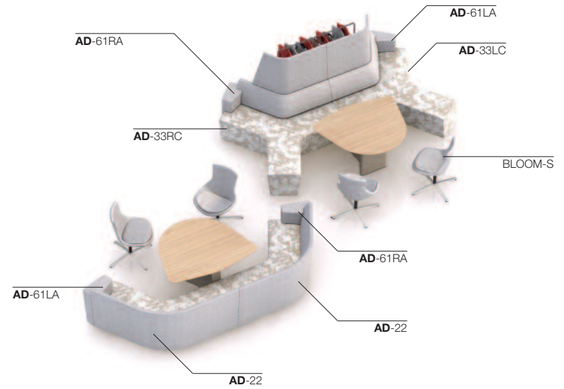
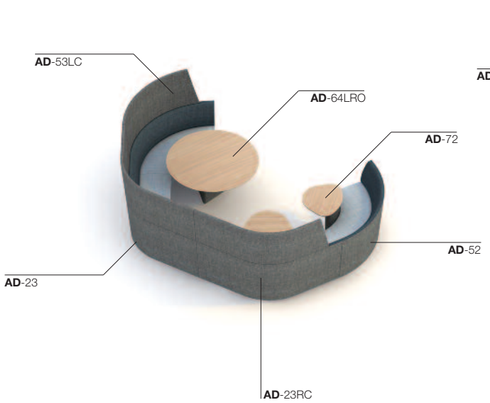
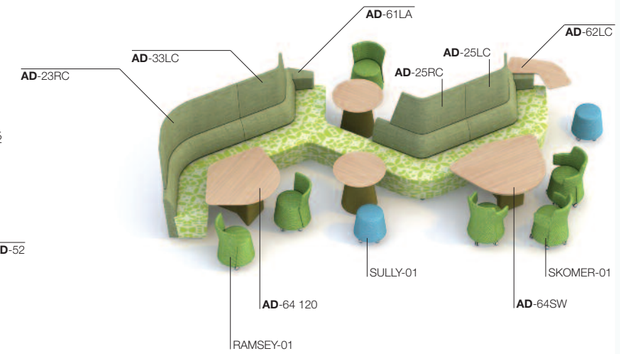
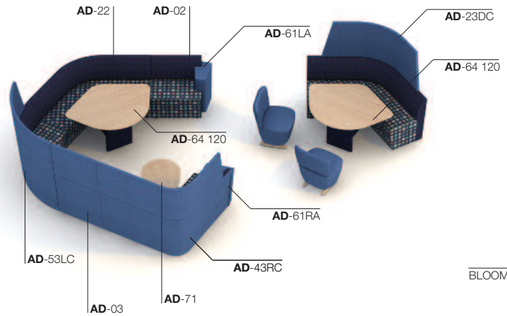
The **AftD** units can then be planned into an expansive range of individual, connected and grouped configurations, offering wide scope in terms of size, function and privacy.

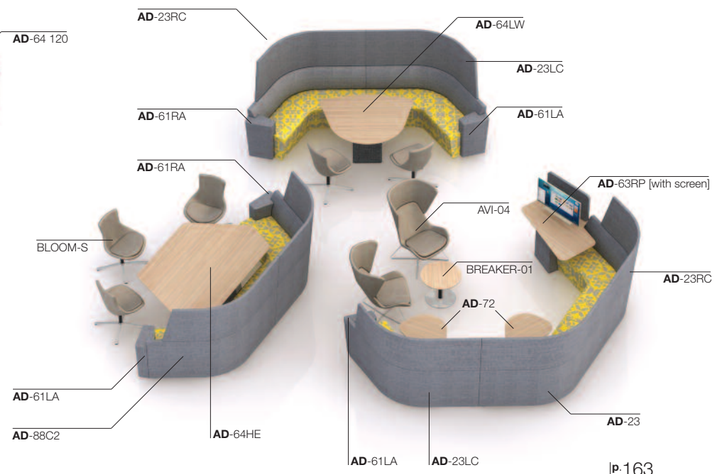








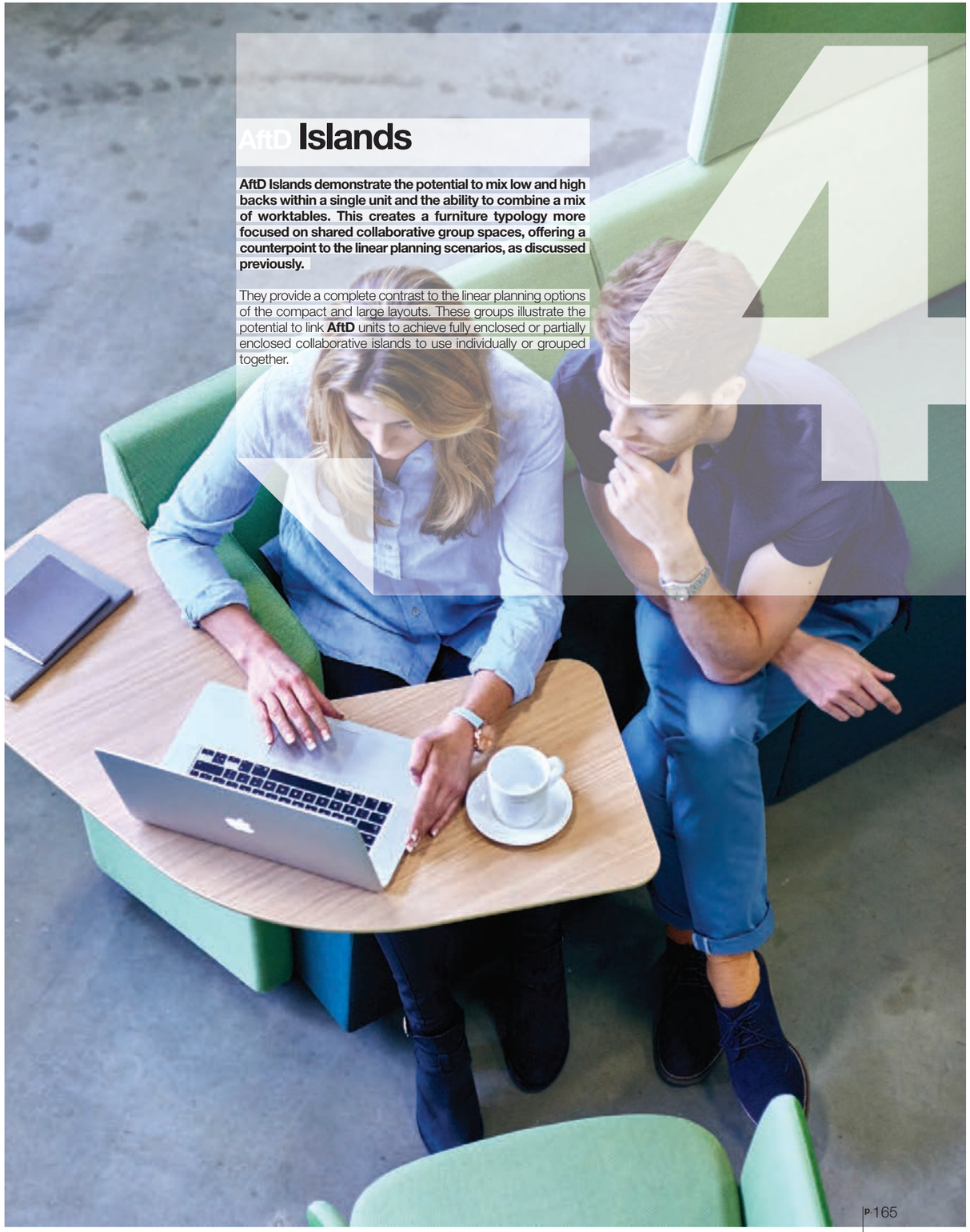




“

Getting people out of the office and away from the clutter, the phones and the interruptions for a ten minute discussion is invaluable.

”

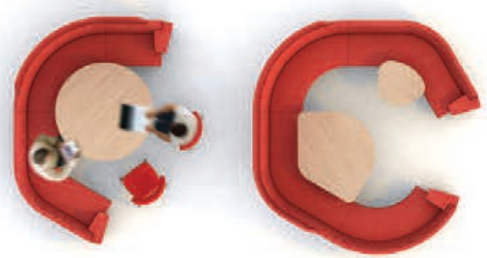


AftD Islands

AftD Islands demonstrate the potential to mix low and high backs within a single unit and the ability to combine a mix of worktables. This creates a furniture typology more focused on shared collaborative group spaces, offering a counterpoint to the linear planning scenarios, as discussed previously.

They provide a complete contrast to the linear planning options of the compact and large layouts. These groups illustrate the potential to link **AftD** units to achieve fully enclosed or partially enclosed collaborative islands to use individually or grouped together.

4 AftD Islands

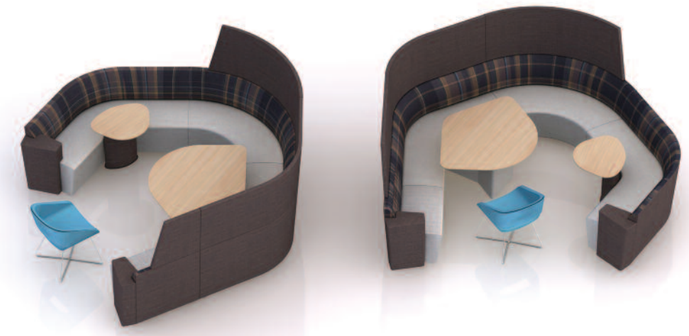


Islands

Linking right angles, straight, 120º and curves to create more enclosed group settings.

4 AftD Islands

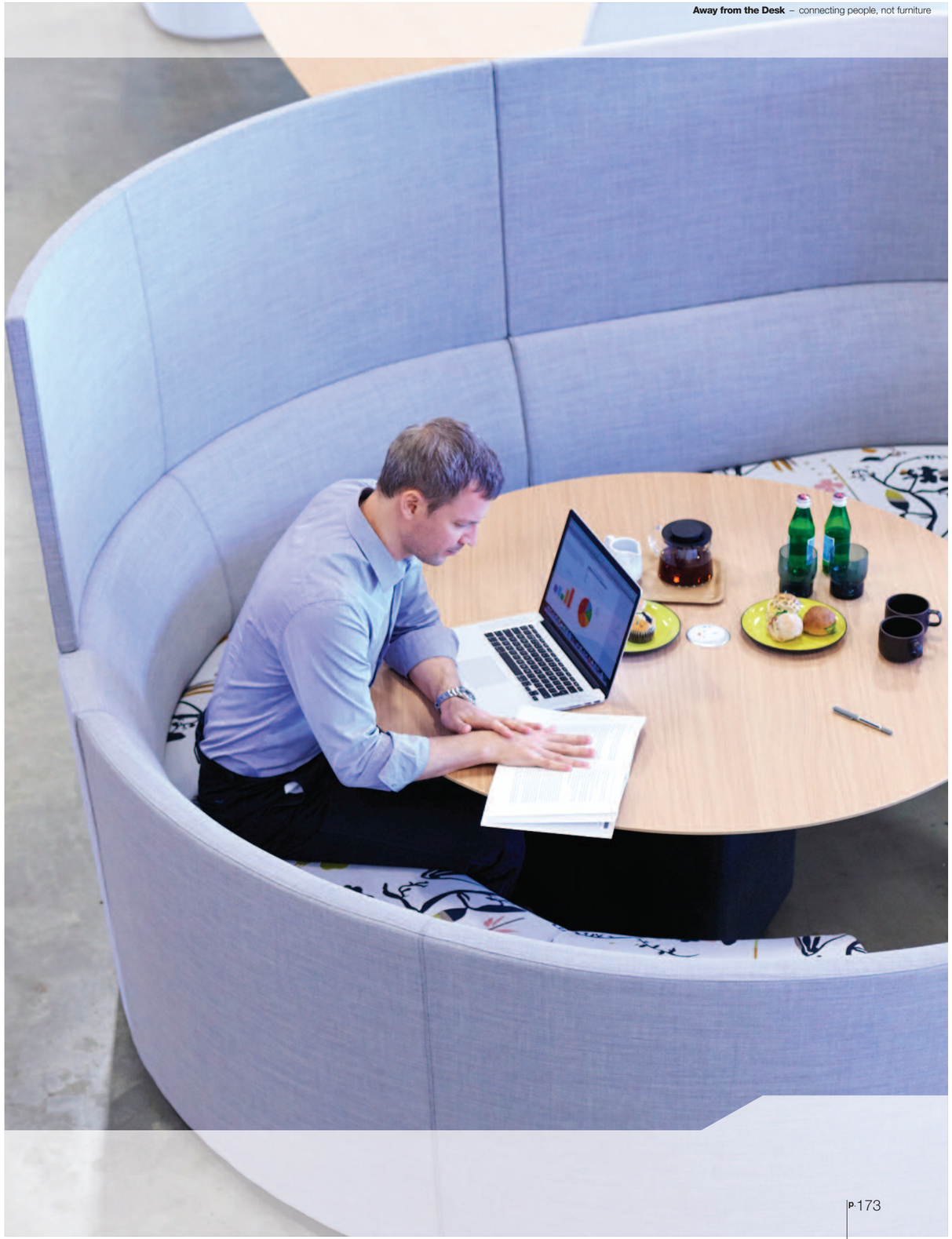
> **Having the choice of where you want to work, moving people around the office, encouraging more collaborations and basically getting people up and out of their seats are all important ways to combat stress.**



4 AftD Islands

4 AftD **Islands**

> A lot of people actually prefer to use their own technology, because they're comfortable using it.
>
> So even though there may be a laptop or tablet or whatever available at work, they just prefer to use their own. They know where everything is on their own device.



4 AftD Islands

component product codes

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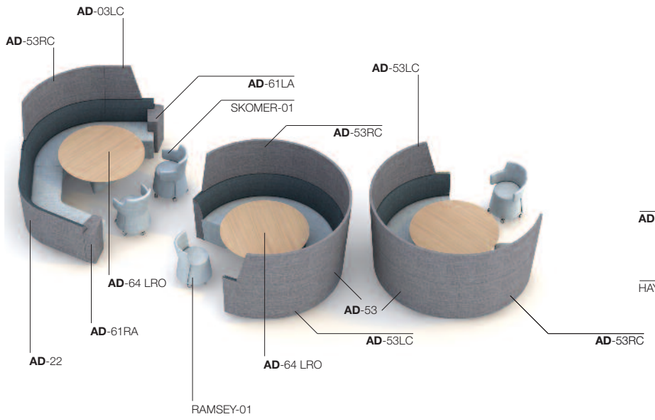
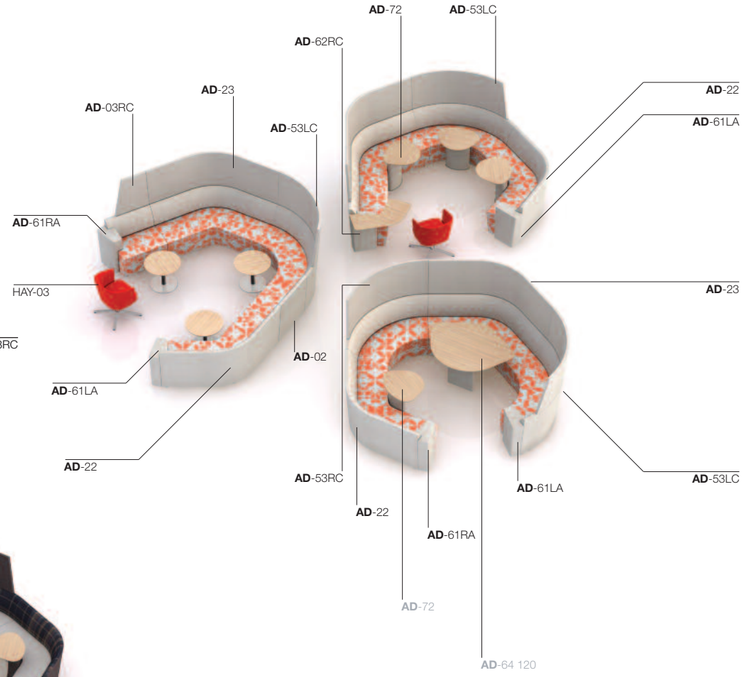
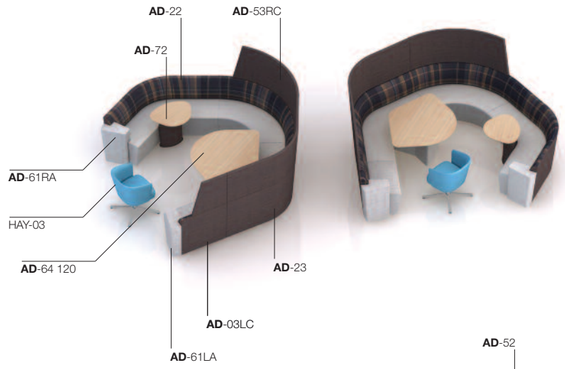
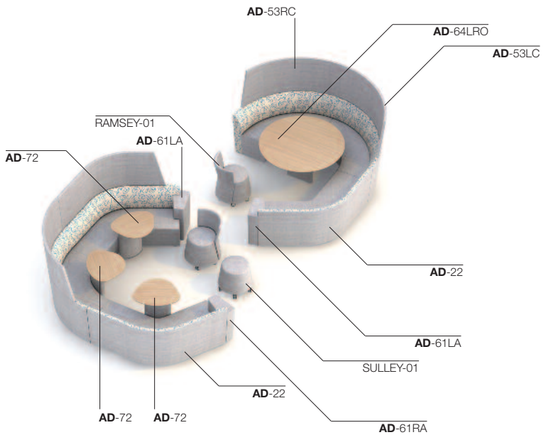
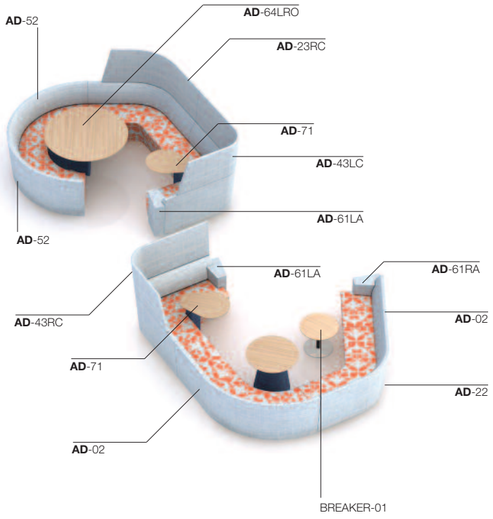
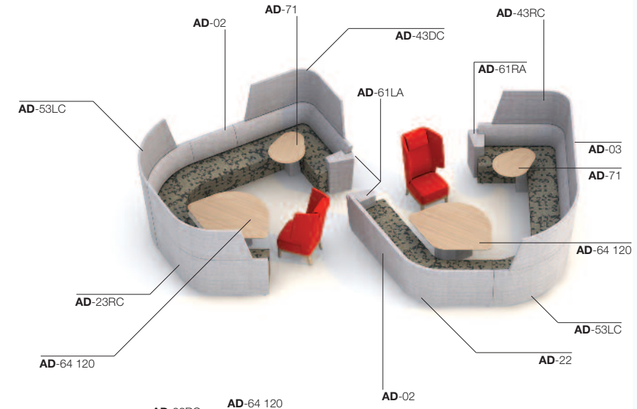


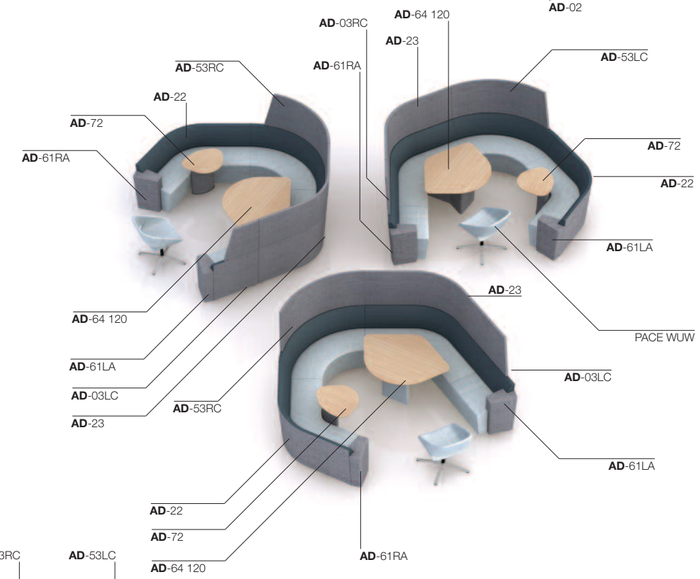


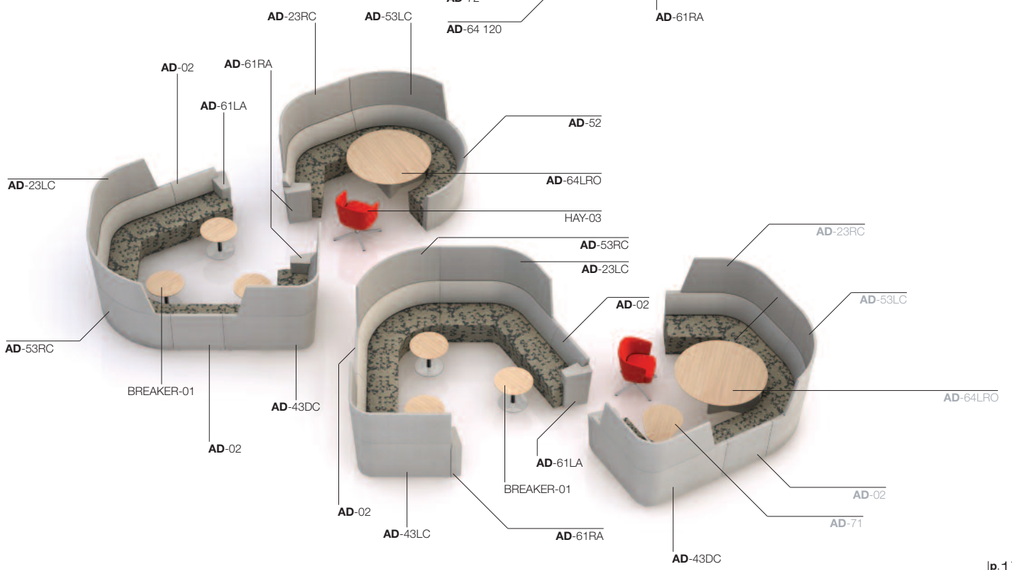










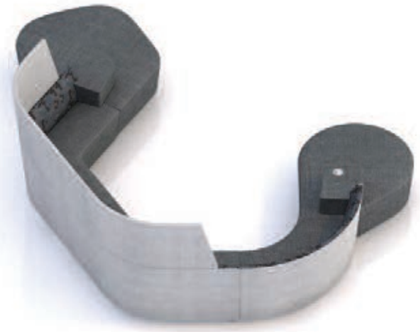


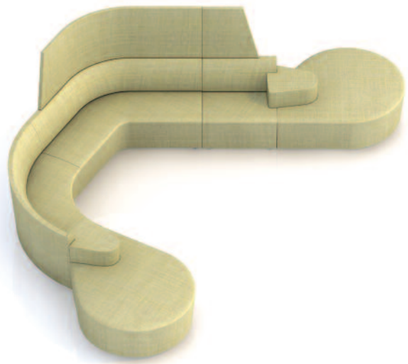
4.1 AftD Islands *spur*

Spur comprises of two larger base units designed to be positioned at the end of multiple **AftD** combinations to achieve a more open, sharing and welcoming setting.

Their size, one medium the second larger create an architectural scale and presence that lends **AftD** being able to be specified both within open plan spaces and larger foyer and atrium scenarios.

An enlarged armrest works with both base units and offers a refined connection to the adjacent modular units. Which can be specified with or without the option of an inset power/data module. Both the base shapes are available as right or left hand modules.





4.1 AftD **Islands** *spur*

Being continuously on view – both physically and online – has to be balanced with the need to be able to work with privacy and concentration.

> **We're retaining people for longer because we respond to the reality of their personal needs. This is one of the real benefits the new workspace brings to the company.**

4.1 AftD **Islands** *spur*

component product codes

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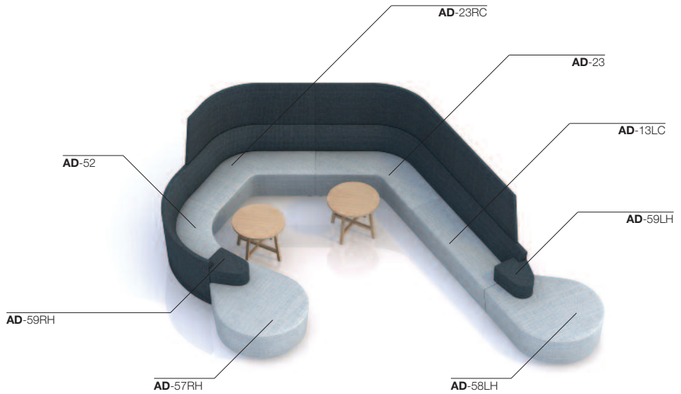
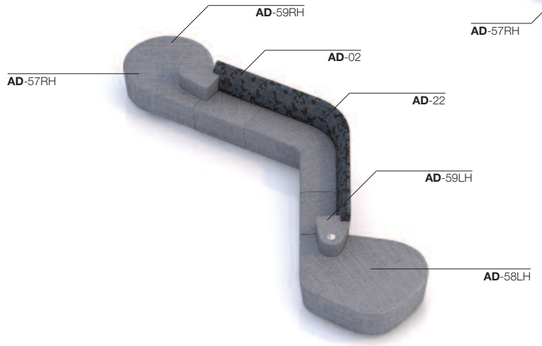
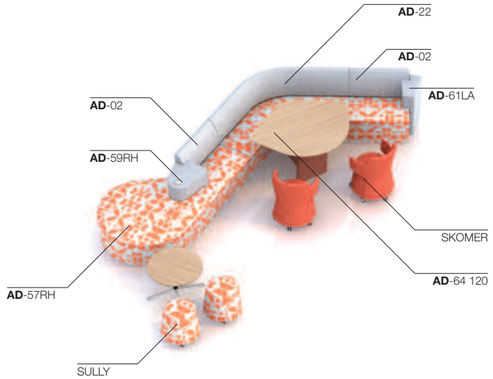
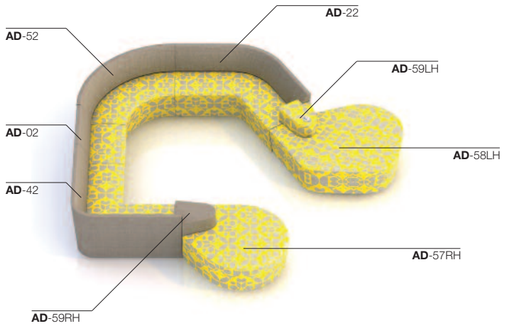
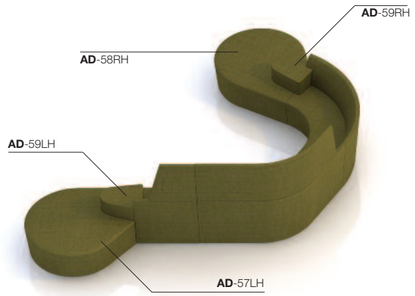
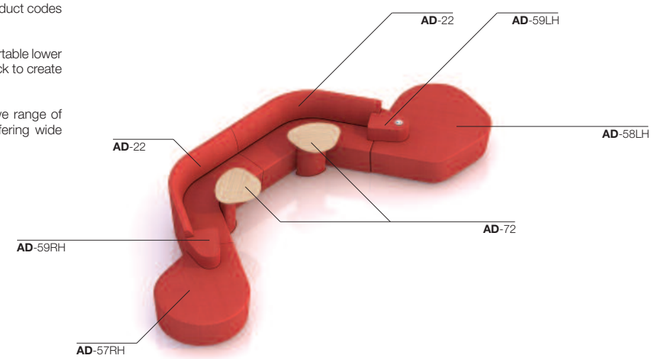


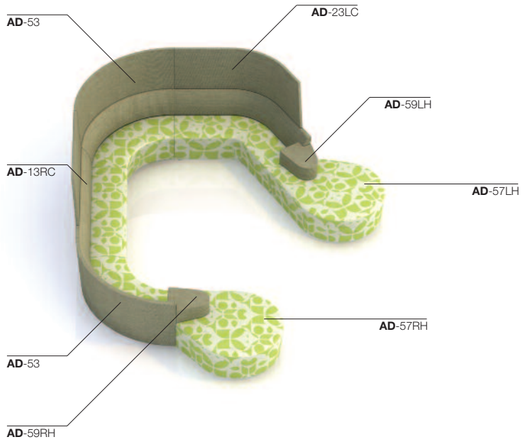


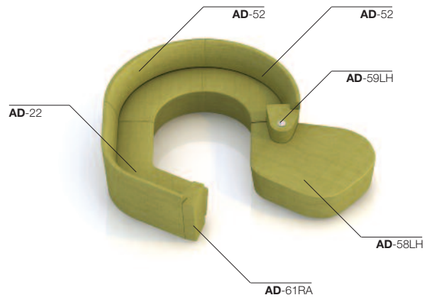


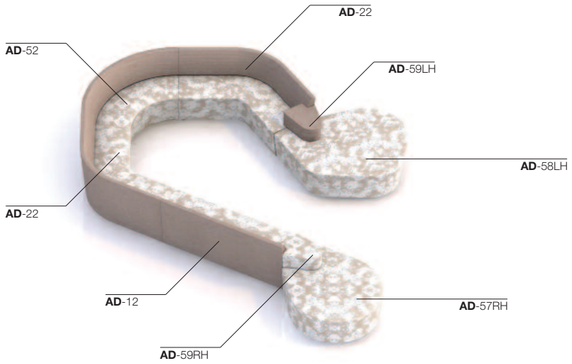








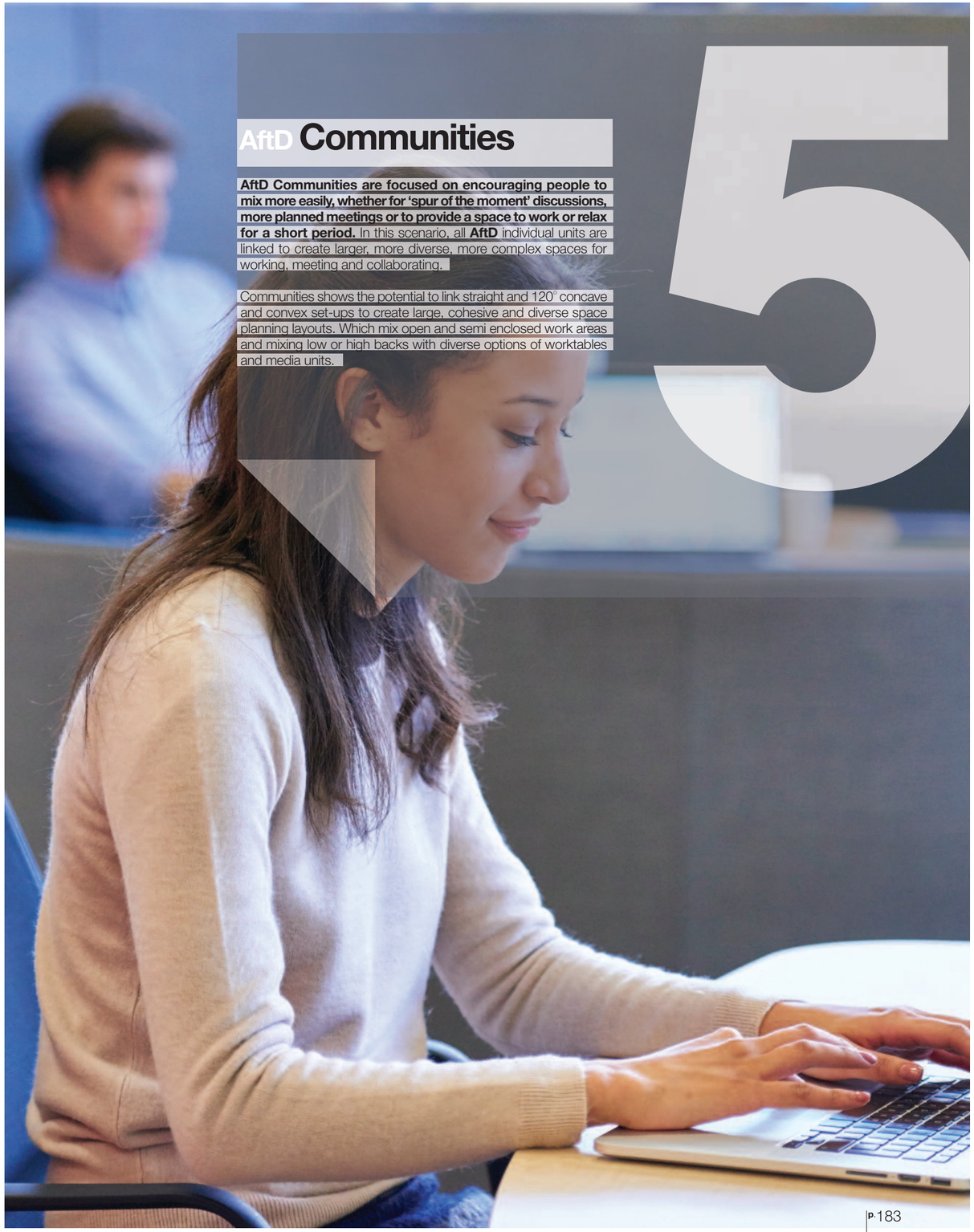




“

We’re retaining people for longer because we respond to the reality of their personal needs. This is one of the real benefits the new workspace brings to the company.

”



AftD Communities

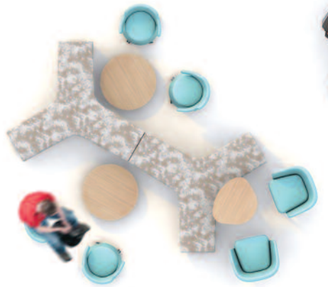
AftD Communities are focused on encouraging people to mix more easily, whether for ‘spur of the moment’ discussions, more planned meetings or to provide a space to work or relax for a short period. In this scenario, all **AftD** individual units are linked to create larger, more diverse, more complex spaces for working, meeting and collaborating.

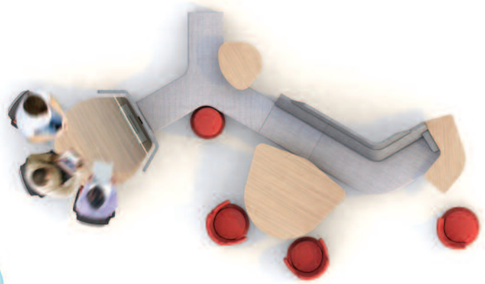
Communities shows the potential to link straight and 120° concave and convex set-ups to create large, cohesive and diverse space planning layouts. Which mix open and semi enclosed work areas and mixing low or high backs with diverse options of worktables and media units.

5 AftD Communities

Communities

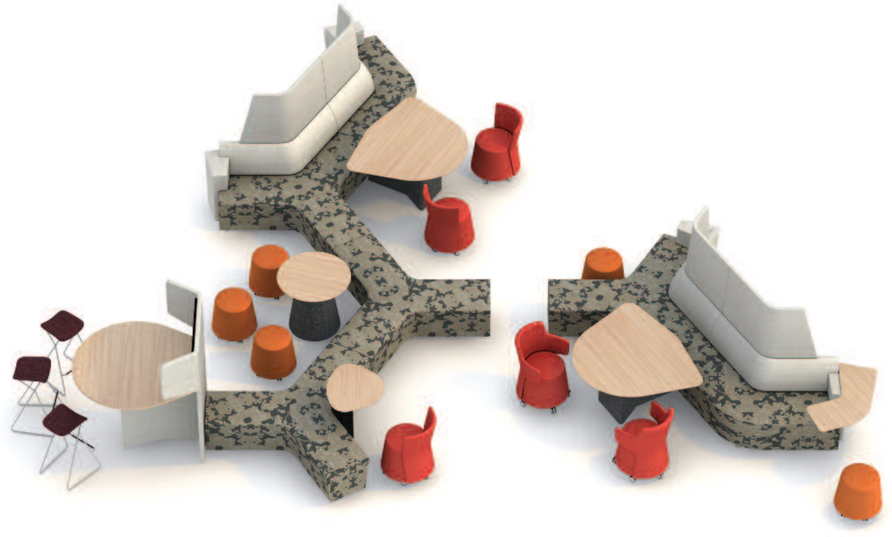
AftD combined into linked, more complex group settings.





> I have an iPad as well, for more personal use, but the real work object is my laptop, although I do have these other devices and I work between all of them.

5 AftD **Communities**



> You go into a meeting and the younger people have a stack of technology.
>
> They all have their personal iPhone, work phone, iPad etc and they're always stacked.

5 AftD **Communities**

I work for Plantronics, we deal with workplace technology and we believe that everybody works in four different ways no matter who you are.

Whatever company you work for, there are only four different ways to work. We call those the four C's. You either communicate, collaborate, concentrate or you contemplate. We project that for everyone of those, you need a different type of work space. There also maybe two, three or four different types of communication, so you even need other spaces within that space.

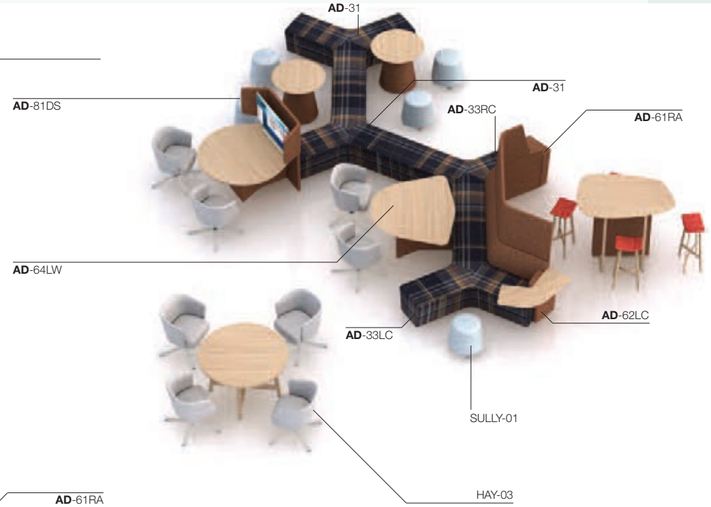
5 AftD **Communities**

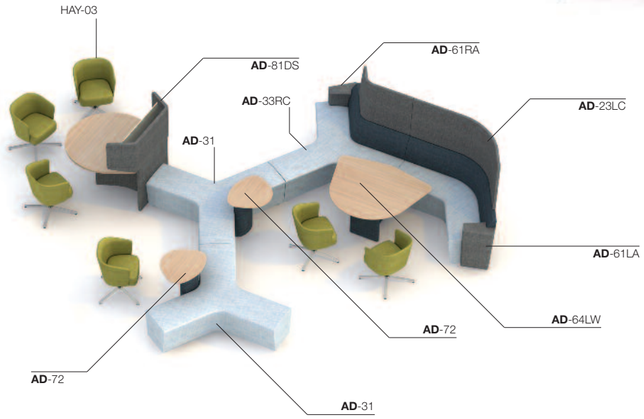
The most effective spaces bring people together and remove barriers, while also providing sufficient privacy.

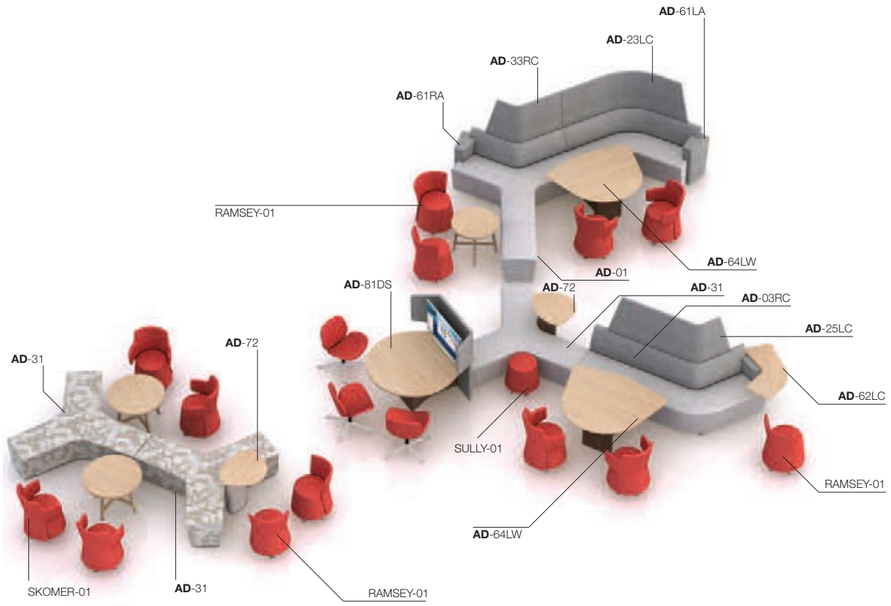
> **The rapidly shifting technology environment raises serious questions for executives about how to help their companies capitalise on the transformation under way.** McKinsey Quarterly

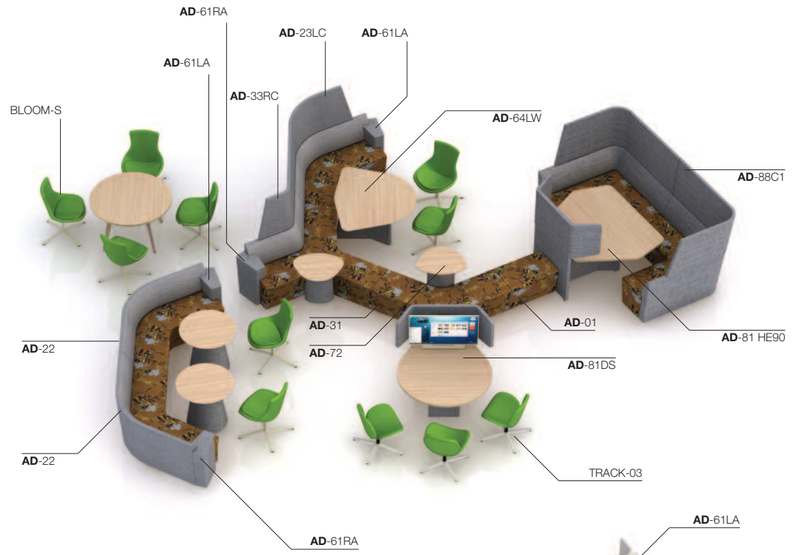
5 AftD **Communities**

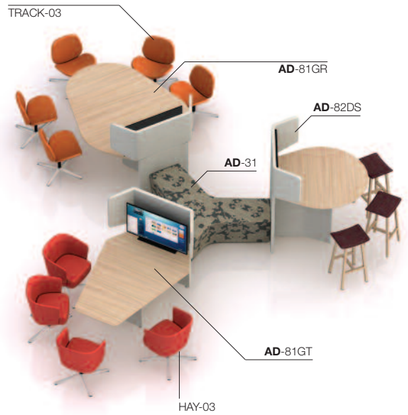
component product codes

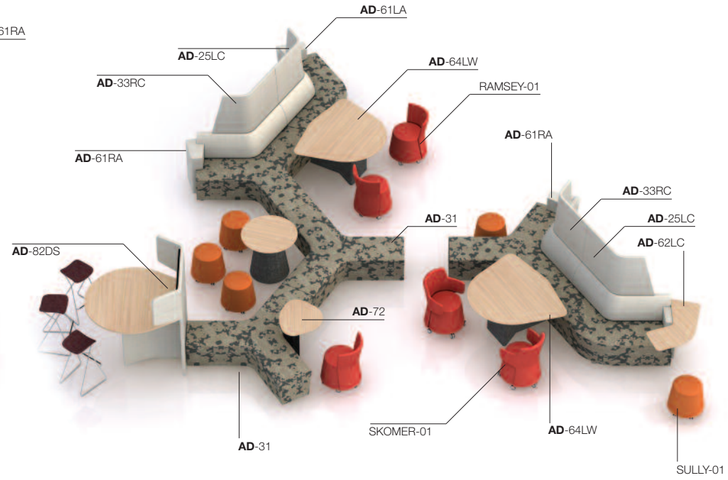


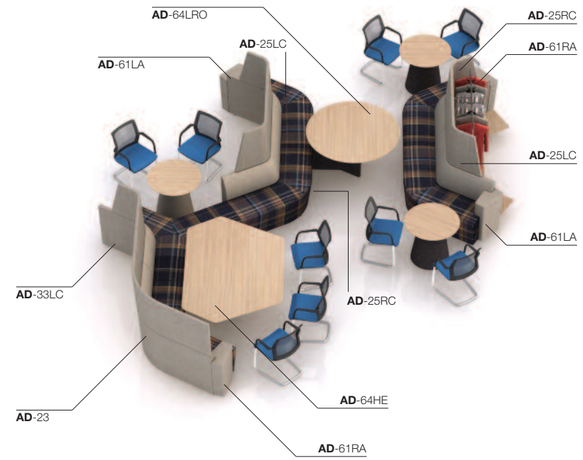












AftD Communities are configured for individual components, each with its unique code number. These units are configured with combined individual component numbers covering base units, arms, sofa backs or sofa backs with the upper privacy back and tables. Where illustrated, they are combined with additional **Smartworking**™ and **Network Landscapes** product.

All of the **AftD** components, together with the other product codes are easily accessed within the full Orangebox Price List.

AftD Communities differ from the preceding layouts as they illustrate the **AftD** system combined into much larger configurations. They demonstrate the potential of combining with the three-way unit, either as a seat unit or with the low sofa back and option of the upper privacy back.

The **AftD** base units combine with a reclined and comfortable lower sofa back, with the further option of an upper privacy back to create a combined unit height of 1470cm.

The **AftD** units can then be planned into an expansive range of individual, connected and grouped configurations, offering wide scope in terms of size, function and privacy.

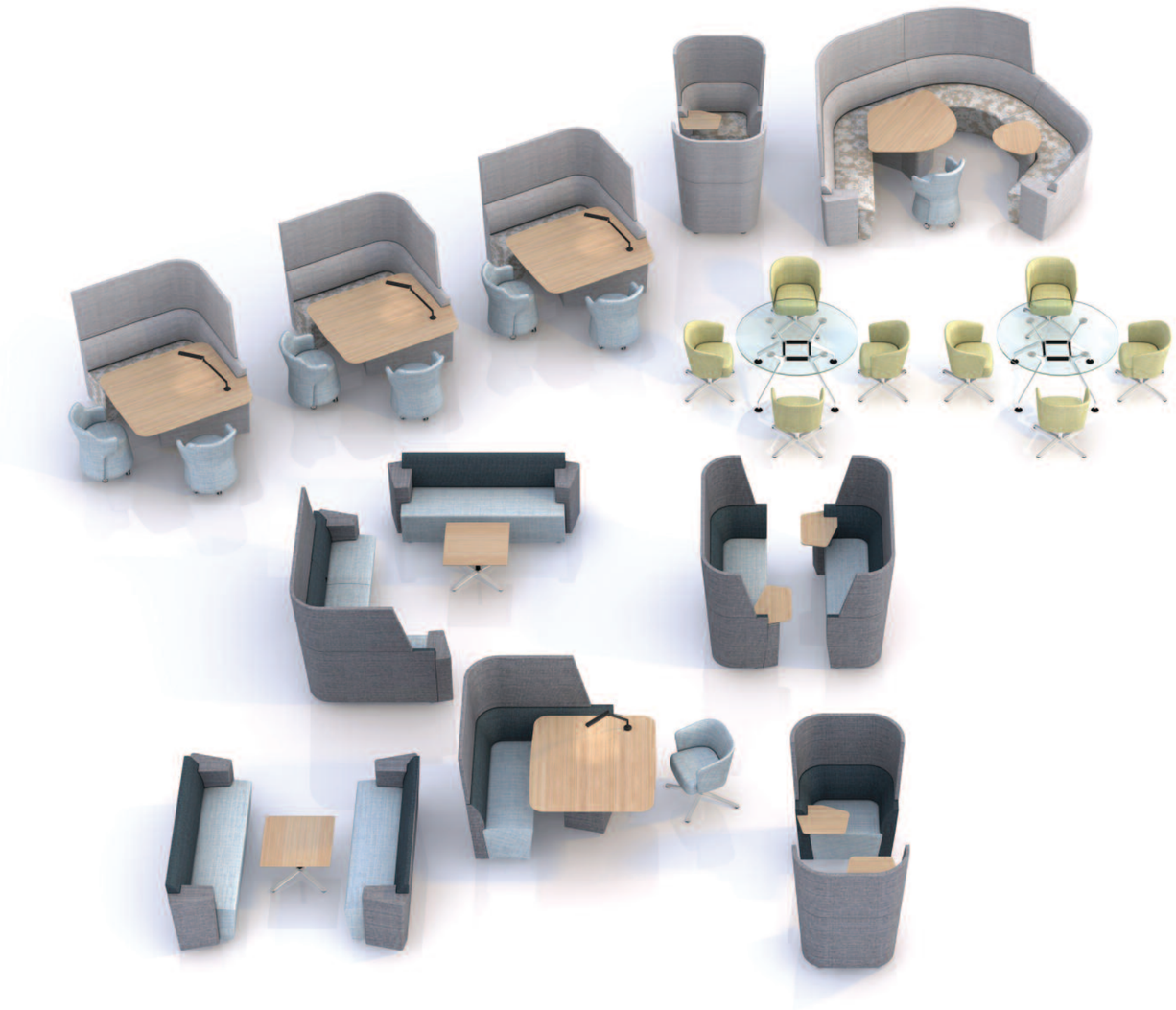
Space Planning

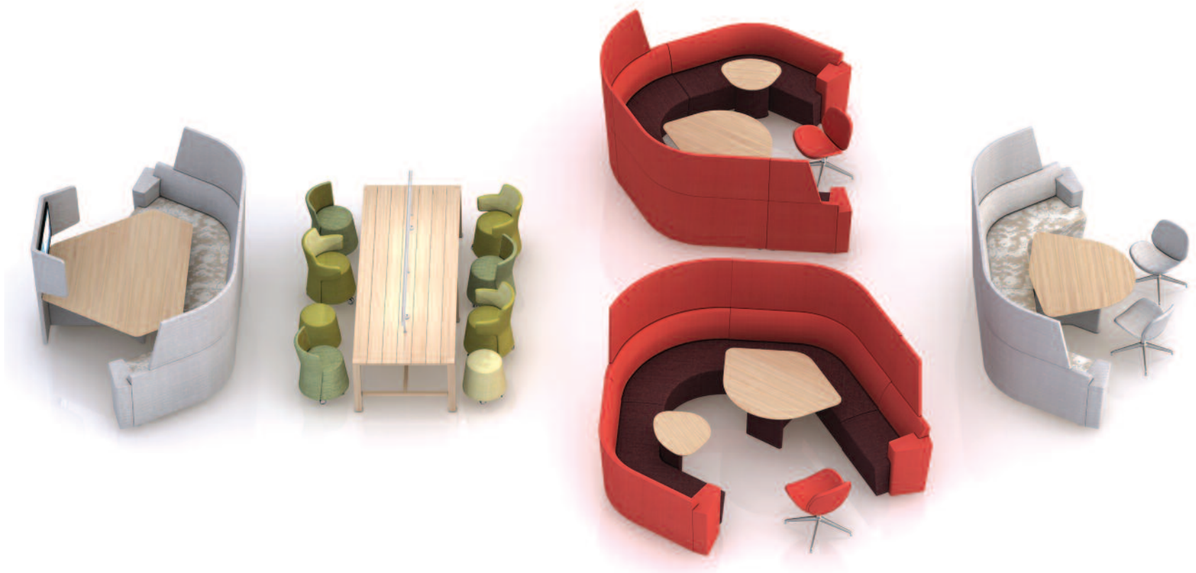
Linear
Linear groups
120° & Circular Islands
Communities

Expressing the potential of **‘Away from the Desk’** when specified in multiple and diverse settings.

The following space planning groups illustrate these typologies being combined and complemented with **Smartworking**™.

> “There’s going to be massive diversity in the work styles of the very young and very old, certainly over the next ten years.”

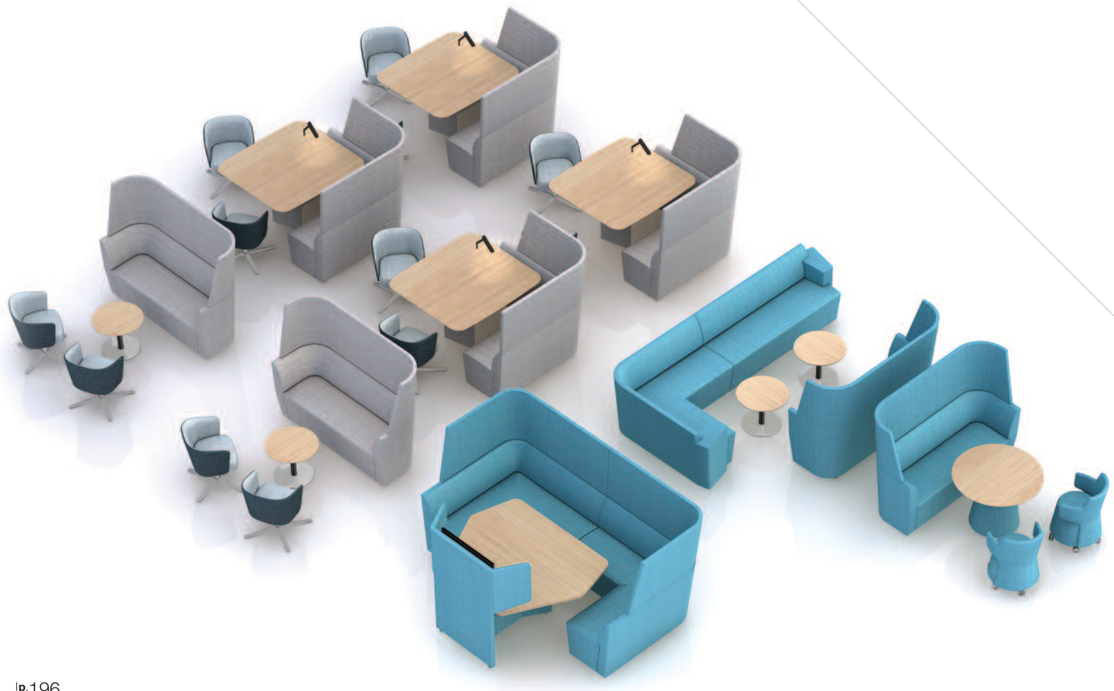




Space Planning

personal & collaborative
enclosed & open
colleague to colleague
screen to screen

AftD combines meeting areas with personal, collaborative and media working areas. Product options can be specified individually, or combined within diverse shared workspaces. **AftD** creates environments where individual workspaces integrate seamlessly with larger, more collaborative work configurations.

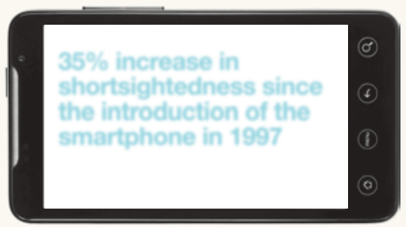


Within the busy, open plan and shared office, the ability to arrive, plug in and work privately is critical.

To be able to move seamlessly from concentrating quietly, to having a quick ten-minute conservation with colleagues, to a three-hour team meeting within the same office space delivers a new vitality to the collaborative workplace.

The following product configurations illustrate how the design of the **AftD** system allows diverse function and layout combinations that can be tailored to each client scenario. They show how **AftD** allows the specifier diverse choice and scope in the selection of fabrics, both as blocks of colour and pattern.

For 1 in 3 workers, flexibility integrating work & life is the most important factor in choosing a job.



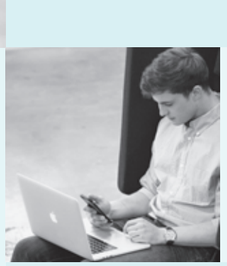
Network Landscapes

Network Landscapes x

Solutions for the office, migrating away from hierarchical, systems-focused environments, to more casual and diverse network spaces.

Realising a fresh generational counterpoint within the contemporary workplace.

orangebox



As the Millennial generation grows in importance within the workplace, so the design values of the contemporary workplace must yield to new aesthetic and functional demands.

The differences between the **Boomer** & **Millennial** generations are profound. The new behaviours and values of the Millennial generation, both cultural and technological, continue to be played out within the workplace.

Network Landscapes. x

is a collection of furniture, focused on the design values of these new workspaces, where the collaborative is as important as the personal and the casual valued above formality.

> If you look at the young people coming into the workplace they're looking for different things out of work, definitely. They're not just looking for an economic equation which, perhaps, my generation was looking for. In those days, the primary issue was, **'How much are you going to pay me?'**
>
> It's much more about lifestyle now. As the entrepreneur, Julie Meyer, puts it, young people today enter the workplace with the philosophy that, **'I don't work for everybody, I work for myself, even though I may have a contract with someone'**. Intellectually and emotionally, they start from a very different place to previous generations.
>
> Andy Bond former Asda CEO

Hierarchies yielding to Networks

The office is migrating away from hierarchical, system focused environments, to more casual and diverse network spaces.

As a counterpoint to our super slick, omniscient digital technology, the design of our working environment is becoming more eclectic. People are moving towards places with a hand made, comfortable feeling. Spaces created by individuals, not committees; relaxed, welcoming areas where the controlled, corporate environments of the past are no longer. Places that answer the desire for a more dynamic, diverse space for working, relaxing and socialising.

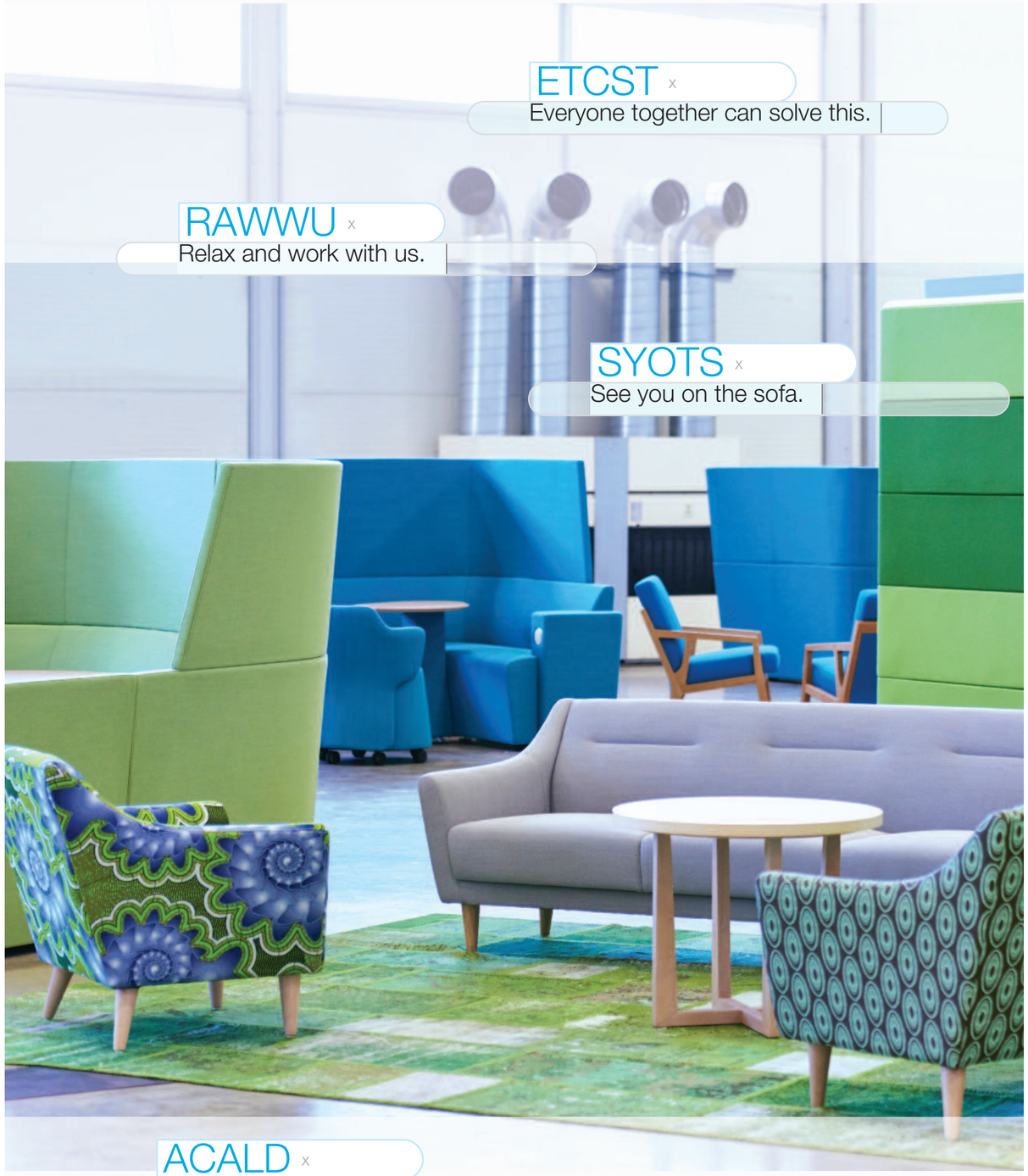
Creating spaces such as these will require a richer mix of product configurations and settings,

Welcome to

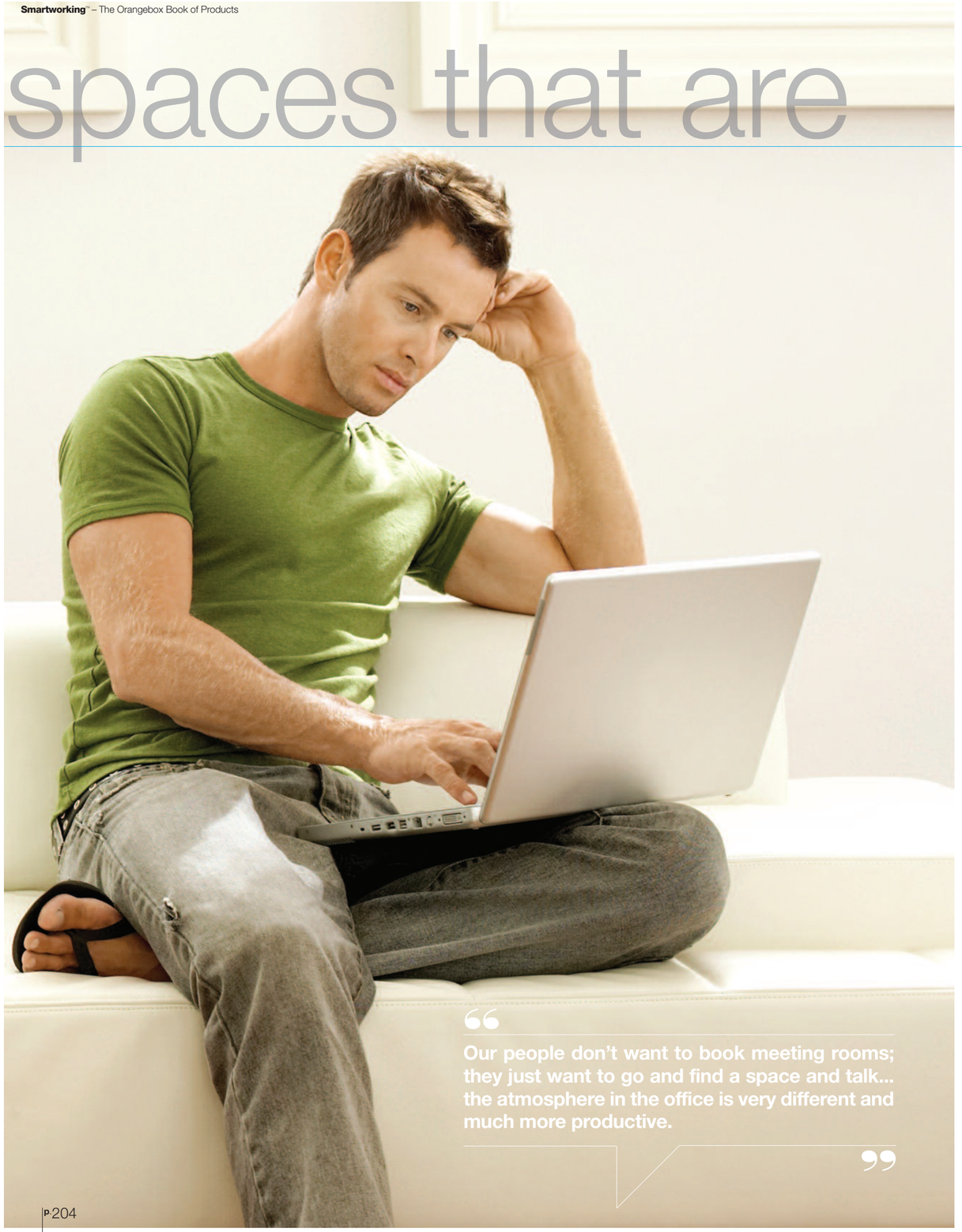
Network Landscapes. x

Network Landscapes is a collection of furniture, focused on helping organisations realise the need for these new, more diverse and relaxing workspaces. Where the collaborative has become as important as the personal and the casual valued above formality.

An *Eclectic and ironic mix*
of new and retro
re-invented with a Twist,
to realise a fresh generational counterpoint within the contemporary workplace.



spaces that are



Our people don't want to book meeting rooms; they just want to go and find a space and talk... the atmosphere in the office is very different and much more productive.

less perfect

and a little less controlled...

Spaces that are

softer, more relaxing

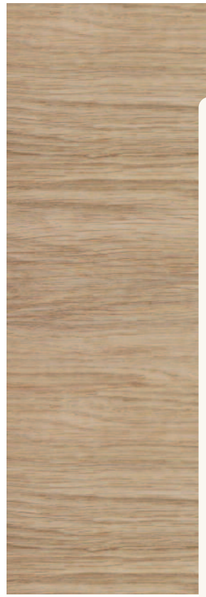
Spaces we seek out to spend 'time out' to relax and socialise. Places that offer a more comforting counterpoint, to our continuous and 100% demanding networked technology.

Spaces created by individuals, not committees.

Millennials have caused us to change everything we do, but when we talk about Millennials, we don't just talk about young people. Digital technology crosses all generations.

Network Landscapes. x

is about enjoying the touch & feel of natural wood & furniture made by hand.



The design of each Network Landscapes piece is centred on achieving a refined balance between function and comfort.

Each design is achieved with a diversity of construction techniques, from the clarity of the structural frame of the **Moss** and **Yolo** deckchair to the more primary solid frame and rustic plank worktop construction of the **Yawl** and **Hench** tables.

The Network Landscape products are available in a selection of 3 solid woods.

The 'made by hand' Network Landscapes collection is designed to be specified both combined together and with the full Orangebox portfolio. The group (right) illustrates, where Sully partners perfectly when fabric matched.

ADEN

[WOODEN BASE]

A collection of three high back chairs, an armchair a generous two seat sofa and a three seat unit. This design is focused on the increasing need to achieve privacy, within open areas. The formed upholstered structure has a second layer of fixed cushions to enhance the comfort, creating a chair that's easy to use for both meeting and working.

Aden has a choice of two bases, solid wood or a metal wire frame base. These pages illustrate the wood frame leg - available in solid Oak, Cherry or Walnut. A further choice in the specification of Aden is to use with or without the top semi-enclosing panel, which affords an additional gesture of privacy. Arber is a matching solid wood occasional table designed to compliment Aden which is illustrated within the occasional tables section.

... focused on the increasing need to achieve privacy, within open areas.

ADEN

[WIRE BASE]

A collection of three high back chairs, an armchair a generous two seat sofa and a three seat unit. This design is focused on the increasing need to achieve privacy, within open areas. The formed upholstered structure has a second layer of fixed cushions to enhance the comfort, creating a chair that's easy to use for both meeting and working.

The Aden wire frame base offers a clean more contemporary specification choice for the Aden armchair and sofas. Aden creates an informal refuge for individuals and small groups when privacy is required and designed to promote informal conversation, time out or a private reserve when discretion and seclusion are necessary. The wire frame base can be complimented with the numerous ranges of metal base occasional tables, which are illustrated within the occasional tables section.

... focused on the increasing need to

ADEN
BOOM
DENCH
FLEX

MOSS
ON YOUR JAYS

achieve privacy,

within open areas.

BOOM

clarity of form

Boom is a recreation of the classic winged high back library chair, where the clarity of form allows the choice of upholstery fabric to dramatically change the personality of the design. Boom is constructed in a traditional wood frame with shaped and applied foam upholstery and the solid wood base frame can be specified in the standard Network Landscapes solid wood finishes of Oak, Beech or Walnut.

The refined comfort of Boom is enhanced with the attached head cushion.

DENCH

Dench, like Yolo and Moss is based on the re-interpretation of a classic design, in this case the ubiquitous verandah/garden lounge chair remembered and enjoyed on countless warm sunny afternoons.

The solid wood frame is offered in Beech or Oak and the generous seat and back cushions are upholstered, as is the structural back.

ADEN
BOOM
DENCH
FLEX
HELLA
MOSS
ORLY
SKEEN
NEATO
HENCH
HEP LARGE

CAFE TABLES
WORK TABLES

... a re-interpretation of the classic and ubiquitous verandah/garden lounge chair.

FLEX

Flex is available as both an armchair and generous, two seat sofa. The expressed solid wood arm is available in Oak or Beech and the delicate chamfer on the arms outside face realises a more refined contemporary design, where the designer can dramatically change the presence of the product, dependent on fabric choice.

The chair body is constructed in a traditional wood frame with shaped and applied foam upholstery, which is attached to the timber frame with concealed fixings that extend across the lower back rail.

... the delicate chamfer on the arms outside face realises

a more refined contemporary design...

SOFA
DENCH
FLEX

HELLA

A multi-purpose work/dining chair made with a solid wood frame, which is available in beech or oak. The robust frame connects both the seat and back cushions to create a highly comfortable hand crafted and robust wood frame chair, that works equally well in diverse environments.

ADEN
BOOM
DENCH
FLEX
HELLA
MOSS
ON YOUR JAYS
ORLY
PEEPS
TOM
YALO
OCCASIONAL TABLES
SKEEN
CAFE TABLES
NEATO
HENCH
JAVA
WORK TABLES
HEY LARGE
TRILL
LATTA
SLANG

... a multi-purpose work dining solid wood chair...

MOSS

Moss is a companion chair to the more upright Yolo of the same design, a re-interpretation of the classic deck chair, the refined level of reclined comfort is achieved from the generous seat and back cushions which are attached to the fully upholstered structural back, which seamlessly connects onto the top and bottom structural rail of the wood frame.

... a re-interpretation of the classic deck chair

BOOM
DENCH
FLEX
MOSS
ORLY
PEEPS
TOPE
YOLO
OCCASIONAL TABLES
IMO
SCREEN
CAFE TABLES
MOSS
SPRUCE

ON YOUR JAYS

On Your Jays is designed to achieve a refined comfort from a wood frame café stool, which is available in solid beech, oak or walnut. All the Network Landscape designs are manufactured by hand in solid timbers and as a consequence, each design is unique and while the timber is taken from the same source each piece will have a natural variation, no two solid woods are exactly the same.

The curved formed ply and upholstery seat, which has an expressed external seam, is fixed to the solid wood frame, which has cross foot rails.

ADEN
BOOM
DENCH
FLEX
HELLA
MOSS
ON YOUR JAYS
ORLY
PEEPS
TOPE
YOLO
OCCASIONAL TABLES
IMO
JOE
SKEEN
CAFE TABLES
NEATO
WORKTABLES
MEGA
TRUE
ATTACK
SPACE

... made from natural solid timbers & manufactured by hand.

ORLY

Orly is a more reclined lounge chair with a refined and supportive level of comfort. The handmade frame is designed with expressed joints and the seat and back cushions are fixed into the side frames, with a separate upholstered panel flush with the timber frame on the chair back.

...a reclined lounge chair
with a refined and supportive level of comfort.

LOUNGE
FLEX
MOSS
ORLY
PEEPS
TOPE
YOLO

OCCASIONAL TABLES
IMO
SKEEN

CAFE TABLES
NEATO
HENCH

PEEPS

Peeps is a reworking of a classic 1970s sofa with a contemporary twist. The design is available as an armchair, two seat and three seat sofa constructed in a traditional wood frame with shaped and applied foam upholstery. A simple and elegant upholstery line defines the back to create a product that work equally well when specified in a plain colour fabric or a more exuberant pattern fabric.

... a reworking of a 1970s classic sofa with a contemporary twist.

TOPE

Tope is both an armchair, and a generous two-seat sofa, where a sculptural solid wood frame, available in Oak or Beech, connects the seat and back. As with Neeky the separation of the seat and back in this design encourages the selection of contrasting fabrics, which allows the specifier to be able to realise a more exuberant and contrasting design.

The seat and back are constructed in a traditional wood frame with shaped and applied foam upholstery and both are fixed to the sculptural solid wood frame with a structural cross rail.

ADEN
BOOM
DENCH
FLEETA
HELLA
ON YOUR JAYS
ORLY
PEEPS
TOPE
YOLO

OCCASIONAL TABLES

HEP
IMO

SKEEN

... the separation of the seat and back encourages an exubrant & contrasting design.

YOLO

Yolo is a reinterpretation of the classic deck chair, where the solid wood frame can be made in Oak, Beech or Walnut. The seat and back cushion provides a refined level of comfort at a more upright position, which balances with the companion armchair Moss, which offers a lounge sit from the same design.

The seat and back cushions are attached to the fully upholstered structural back, which connects onto the top and bottom structural rail of the wood frame.

... a more upright companion to Moss...

FLEX
ON TOP JAYS
ORLY
PEEPS
YOLO

OCCASIONAL TABLES

CAFE TABLES
NEATO
BENCH

TABLES

OCCASIONAL TABLES | CAFÉ TABLES | WORK TABLES

The launch collection of Network Landscapes includes four occasional table designs, three café height tables and a wide array of work height tables all of which are available in various sizes and in the standard Network Landscapes finishes.

OCCASIONAL TABLES

hand crafted from natural materials

ADEN
BOOM
HELLA
MOSS
ON YOUR JAYS
ORLY
PEEPS
TOPE
YOLO

OCCASIONAL TABLES
HEP
IMO
JOE
SKEEN

CAFE TABLES
NEATO
HENCH

WORK TABLES
HEP LARGE
TRILL
ATM
NANG
ROCK
YAWL
YAWL LIBRARY TABLES
HENCH LIBRARY TABLES

IMO

JOE

HEP

SKEEN

CAFÉ TABLES

a stylish combination of *natural wood and upholstery finishes*

ADEN
BOOM
DENCH
FLEX
HELLA
MOSS
PEEPS
TOPE
YOLO

OCCASIONAL TABLES
HEP
IMO

SKEEN

CAFE TABLES
NEATO
HENCH
JAVA

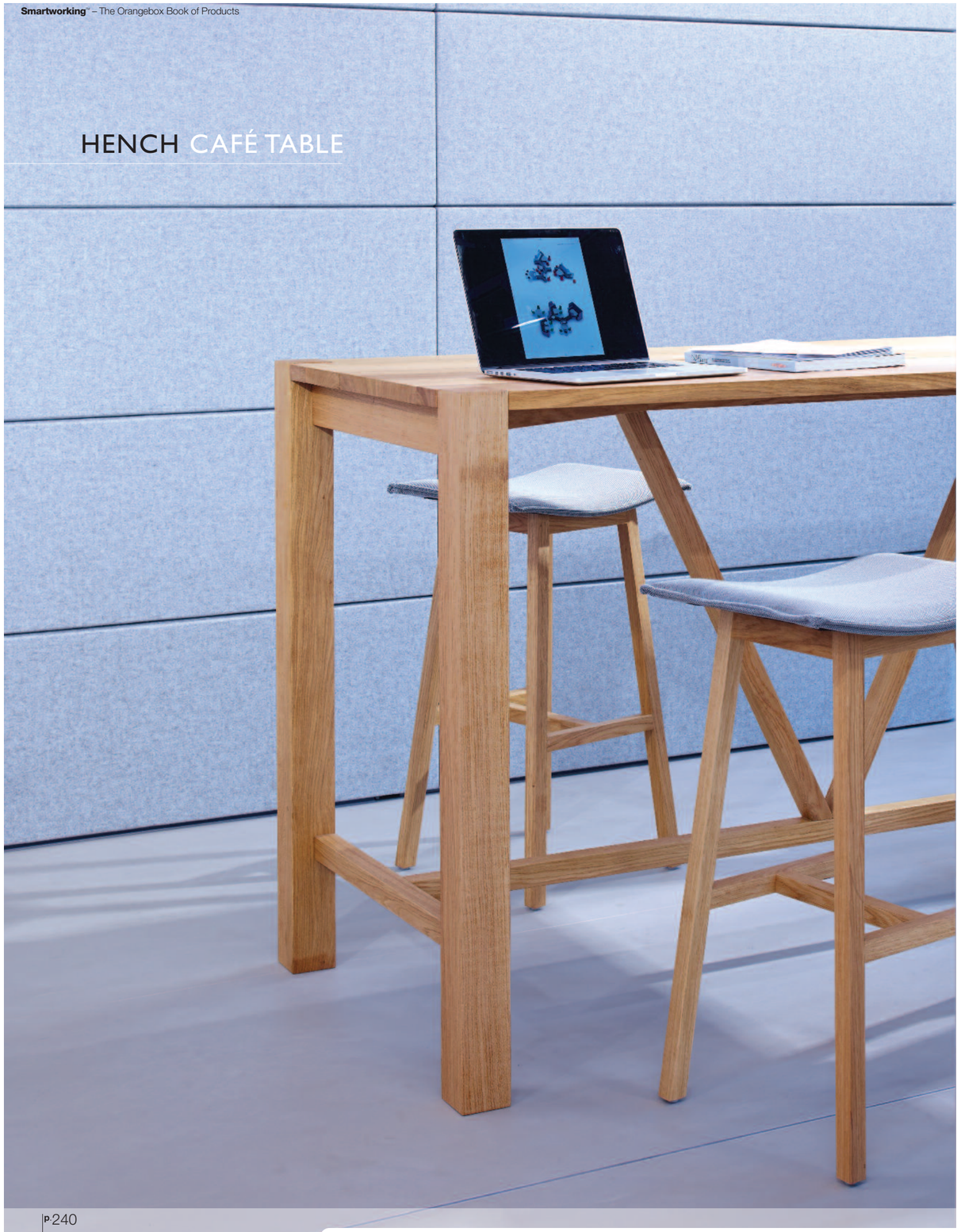
WORK TABLES
HEP LARGE
TRILL
ATM
NANG
ROCK
YAWL
YAWL LIBRARY TABLES
HENCH LIBRARY TABLES

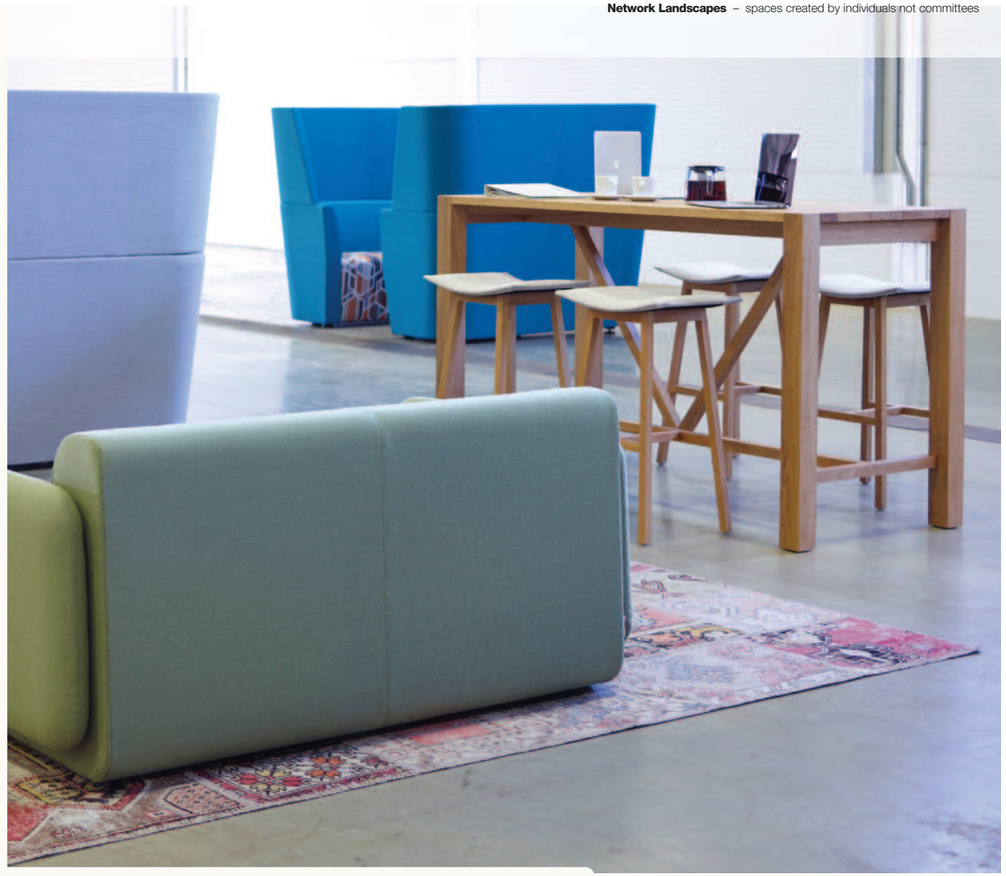
NEATO

HENCH

JAVA

HENCH CAFÉ TABLE





WORK TABLES

an array of finishes, shapes and sizes – a rich diversity of choice

OCCASIONAL TABLES
HEP
IMO
SKEEN

CAFE TABLES
NEATO
HENCH
JAVA

WORK TABLES
HEP LARGE
TRILL
ATM
NANG
ROCK
YAWL
YAWL LIBRARY TABLES
HENCH LIBRARY TABLES

HEP LARGE

TRILL

ATM, NANG, YAWL & ROCK ARE 730MM HIGH.

Network Landscape work tables are designed for two, four or six people, with top shapes that offer a more varied attitude for mixing and meeting.

ATM

NANG

YAWL

ROCK

Designed for more relaxed, collaborative work areas – the stainless steel frame lighting strip on the solid oak Yawl and Hench library tables provides a degree of privacy to public working areas.

Yawl 2 bay library table

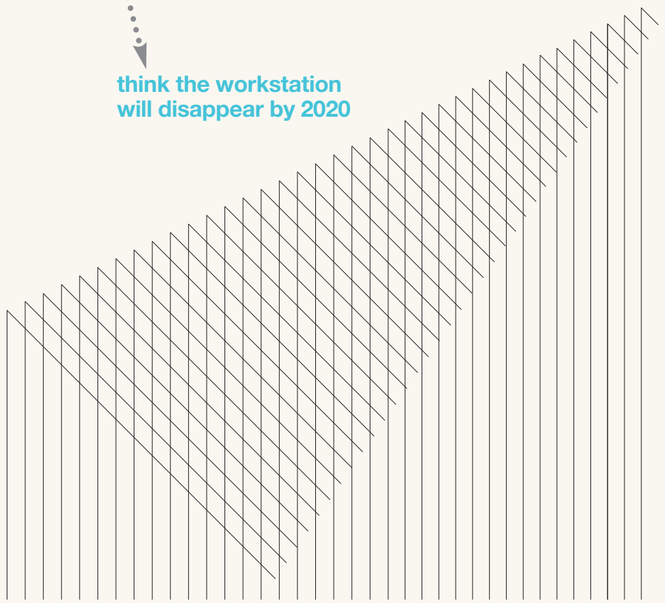
Yawl 3 bay library table

Hench 3 bay library table

58%

58% of UK workers

think the workstation will disappear by 2020



6 in 10 workers view being always available online as more important than being in work 2 hours earlier each day.

smart working™

As office functionality expands beyond the desk, so our product solutions track and respond to a more diverse workplace.

orangebox

“You can do a huge amount of processing on tablets, you can take your notes and your preparations and your diaries and your emails and it’s great for those immediate interactions. Obviously you cannot do any more complex preparation work or any of the meaty stuff that you need to do.”

Smartworking™ products are designed to both complement and be specified independently of Why Build Walls?® and Away from the Desk and Network Landscapes.

Smartworking™ ranges from the upholstered work and lounge chairs Avi, Bloom, Hay and Track to the mobile group of Ramsey, Skomer and Sully. All offer a refined level of comfort and are designed to allow choice in fabric selection from solid blocks of color or more intense patterns.

Cwtch and Cwtch *media* offer enclosed high back work sofas to be used individually, combined or linked with a work table and facilitated for shared media working.

Vale is a low back modular sofa range that can be configured as individual armchairs, sofas of varying lengths or combined into L or U configurations. Vale works equally well in conservative leather or more intense contemporary fabrics.

Border *high* and *low* complete the Smartworking™ upholstery range and offer a simple product with a strong architectural presence, which works equally well individually or used within space planned groups.

Elan and Breaker compliment Smartworking™, Why Build Walls?®, Away from the Desk and Network Landscapes with a succinct range of tables at both occasional and table height.

“We have 25,000 employees that move regularly in the space of a year. It’s just so seamless and what we’re trying to do is make sure that all of our buildings, facilities wise, are mirror images. So yes, you may move floors, you may move buildings, but it looks exactly the same as where you’ve come from, which helps reduce stress.”

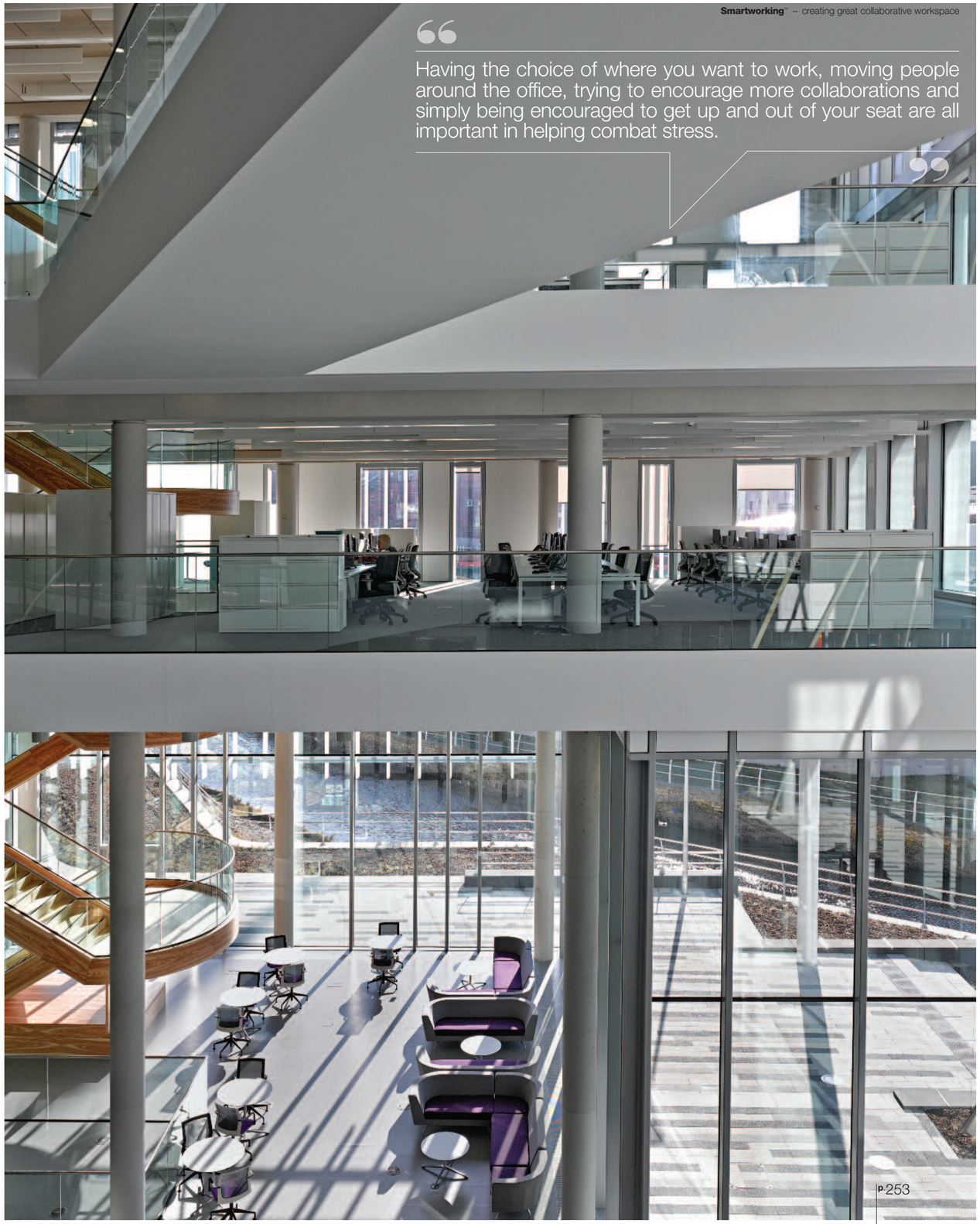
The Smartworking™ section completes our portfolio of products influenced by our extensive and ongoing research. This research has explored the key cultural changes shaping our workplace, the collaborative dynamics of highly successful companies and the teams within them and how these insights can be applied within all organisations.

Smartworking™ furniture layouts support and encourage our new sense of community and wellbeing. They enable our office spaces to be active, allowing us more movement, flexibility and productivity. In this new workplace, the workforce understand that their environment and skills have been invested in to create a new community and place where everyone feels comfortable, productive and energised.

“

I think it depends what people are doing. You might be productive at one thing in a busy environment but not in another, I think it's what stimulation you need, to work well.

”



“

Having the choice of where you want to work, moving people around the office, trying to encourage more collaborations and simply being encouraged to get up and out of your seat are all important in helping combat stress.

”

"Teach people what the different furniture is for,
why and when to use it.
What the technology is,
why it is there and why you should use it.

So its...
people,
technology,
the space,
the building
and everything within".

Avi is one of the newest additions to Smartworking's upholstered range. The design reflects a core Orangebox belief that a central component within the contemporary office is the need for great design, expressed with clarity and style.

The aim to achieve varying degrees of privacy in the open plan office has resulted in two back options. **Avi** low or high can be use individually or combined. Available in either a wire frame or column and four-star base and with complementary occasional tables, all offered in our standard finishes.

Avi

> I think that if you tell someone there's your screen, there's your computer, this is what you're doing, this is how you should sit, and people aren't going to listen. They're just going to ignore you - they've listened for five minutes and then they've stopped and that's why it doesn't work. It's how the training is done, that's critical to achieving good practice.

Bligh and **Fletcher** are light and easily movable upholstered stools. **Bligh** is a cube shape with elegantly rounded corners while **Fletcher** is cylindrical. Both are ideal for use in breakout areas and interactive learning spaces and their clarity of their form; allows for more diversity of choice in the fabric mix, specified for use within one space.

Bligh&Fletcher

Bligh

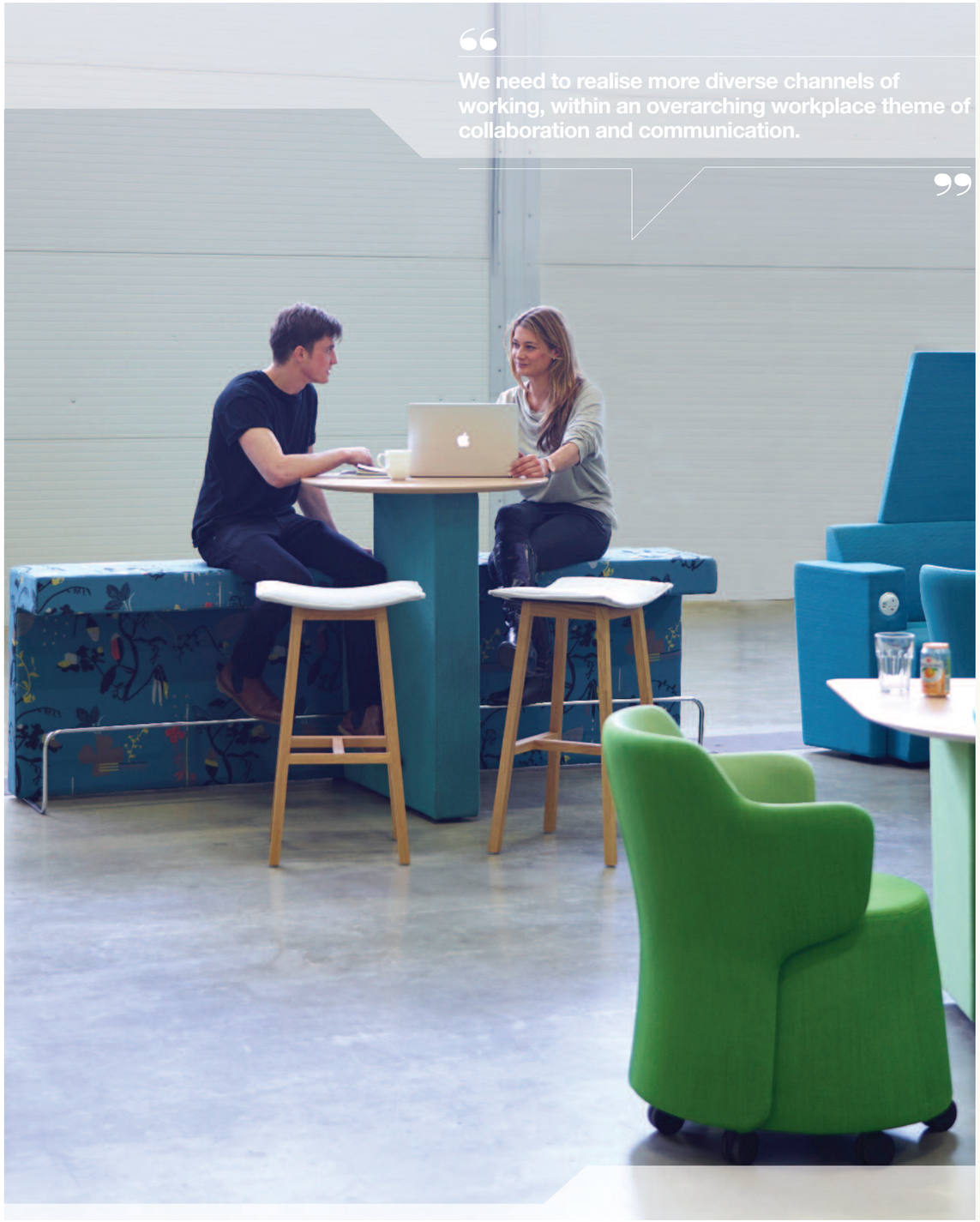
Fletcher

Bloom is designed as a multi use meeting/work chair and designed to be specified with or without a discrete tilt mechanism, which delivers an additional layer of user comfort. **Bloom** is manufactured in molded foam to achieve a refined level of user comfort and can be specified on a column and 4 star base or on a wire frame as illustrated.

Bloom

Border helps to create an effective café/meeting space within multiple office locations, with an architectural presence that allows clearly defined space division. **Border** is designed for both work and café height.

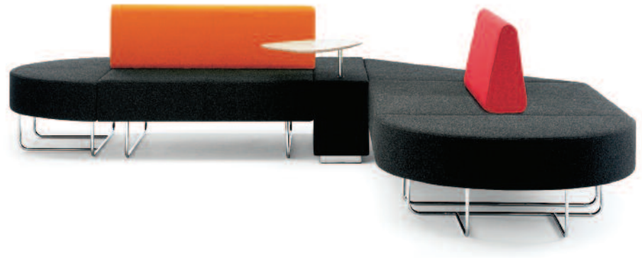
Border *high / low*



A double sided modular upholstery system of multiple choice configurations designed to be specified when mid floor furniture is required to achieve effective space division and provide dense, flexible multiple seating positions. The upholstery seating modules combine with an infill upholstered linking power module unit and pivoting worktable. When specified with the single cast aluminium leg **Boundary** becomes a companion product to Perimeter, with which it shares many component and dimensional attributes.

Boundary

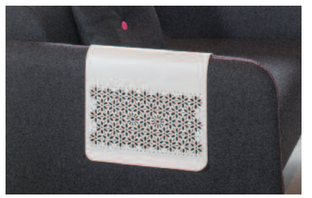
As illustrated when specified with matching and co-ordinated fabrics, **Boundary** can be combined with multiple and diverse Orangebox product.



The **Campus** sofa system is a soft seating collection which can be used as stand-alone sofas or as modular units combined to create dynamic layouts and is suitable for busy workplaces as well as public use and educational spaces.

In its element when populating busy atrium and reception areas, **Campus** is equally suited to creating collaborative work zones where its modularity can be used to full effect.

Campus



A beautifully expressed update of the classic tub, with its simple curved back combining with a fully upholstered solid base that floats just above floor level. Its design simplicity means that it works equally well in either conservative or contemporary settings.

Cusp

> Having the choice of where you want to work, moving people around the office, **trying to encourage more collaborations** and basically just getting you up and out of your seat, are all important in helping to combat stress.

Cwtch is a succinct sofa system which is offered in low, midi and high back configurations, offering diverse choice from working to more relaxing configurations within any busy workspace or public space.

Cwtch creates workable sociable clusters and landscapes of soft seating that can be specified in either contrasting or co-ordinated fabric combinations. **Cwtch low** can be configured with straight and curved corner sections with a linking dock unit, which offers power/data connection and a small worktable, as illustrated.

Cwtch *low*

Cwtch midi is a more linear and square aesthetic than Cwtch low, the three or four seat sofas are enhanced with a back extension, which lends further specification and finishes choice.

Midi, as with the full Cwtch range can be complimented with medium or large scatter cushions and (as illustrated) an elegant low bench unit offers further space planning and layout choice, as does the range of Cwtch tabling, illustrated on pages 390 – 391 of this brochure.

Cwtch *midi*

I'm a great believer in predictive switch on times, because it helps those people who let it control them. As you say, you turn your iPad on and then there's loads of stuff there. So predictive switch on brings a better work life balance.

Cwtch high has become a key Orangebox product because of its ability to create working privacy with ease, even within the largest of open plan spaces. Being a fully upholstered product **Cwtch high** offers the ability to enrich any interior space with the blocking of texture and colour, which is valued as an additional design element.

Cwtch *high*

All the Cwtch combination options are fully detailed within the Orangebox Price List.

“Some people like solitude. I find it difficult. We have quiet zones and I work in a quiet zone and I’m desperate for someone to interrupt me. Take reading a lease, it’s quite boring stuff. I crave interaction. It doesn’t work for me, but it doesn’t mean that it doesn’t work for everyone.”

All three products within the **Cwtch** range are also available with a solid wood leg in Oak, Cherry or Walnut, bringing a softer more domestic value to this classic Orangebox product.

Cwtch *media* is an enclosed semi-private working booth that can be specified with a large format monitor mounted onto the fixed upholstered panel. **Cwtch** can be specified as a 1 + 1 unit, a 2 + 2 unit or a 3 + 3 unit, as illustrated on page 441 of the Product Dimensions section.

Cwtch *media*

We've just refurbished a number of our offices and we went to the business and said.

"How do you want to work?"

Previously, everybody sat at their own desks. We now have different pockets of workspace, breakout areas, tables with screens, areas to chat, basically a range completely differently settings. Doing this has taken the pressure off meeting rooms because we've found that they want the impromptu, '*let's go and have a chat and talk about it*', options.

Dee is a succinct sofa/armchair design which offers a more upright and supportive sit. The wedge upholstered arm profile creates a distinctively simple design, which is enhanced with the slender tube and cast leg frame. The frame design is also available on the complimentary Bluff range of occasional tables.

Dee

> **We're retaining people for longer because we respond to the reality of their personal needs. This is one of the real benefits the new workspace brings to the company.**

Used extensively within waiting, lounge or work areas, **Hay** offers an upright posture with comfortable arm support.

Hay

Ogmore has been a best seller for over a decade, no doubt due to its timeless, classic design. Perfect in classic leather and rarely specified in anything else, **Ogmore** complements Orangebox's more contemporary pieces and proves ideal when a more conservative attitude is required.

Ogmore

> **We find like anything, it depends on the individual.**
> Some people will do a lot more work in an enclosed environment. Others use it to hide from the rest of the world and spend their day hiding.

As with Track, **Pace** is available at both work and lounge height and the construction of **Pace** allows choice in specification as a single colour, a two-tone fabric combination.

Pace

Perimeter is an extensive range of modular elements with multiple options in both product combinations and configurability. **Perimeter** extends from stand alone bench units, to armchairs and multiple length contemporary sofas (low and high back), to linked scenarios, for either open collaborative working or when enclosed, for more privacy.

The product range and the architectural presence of **Perimeter**, means this classic Orangebox design works equally well within confined rooms or large open plan spaces and extending to vast atriums.

Perimeter is a companion product to Boundary, with which it shares the same contemporary design and cast aluminium leg and can be combined when both single and double seating scenarios are required.

Perimeter *low (linear)*

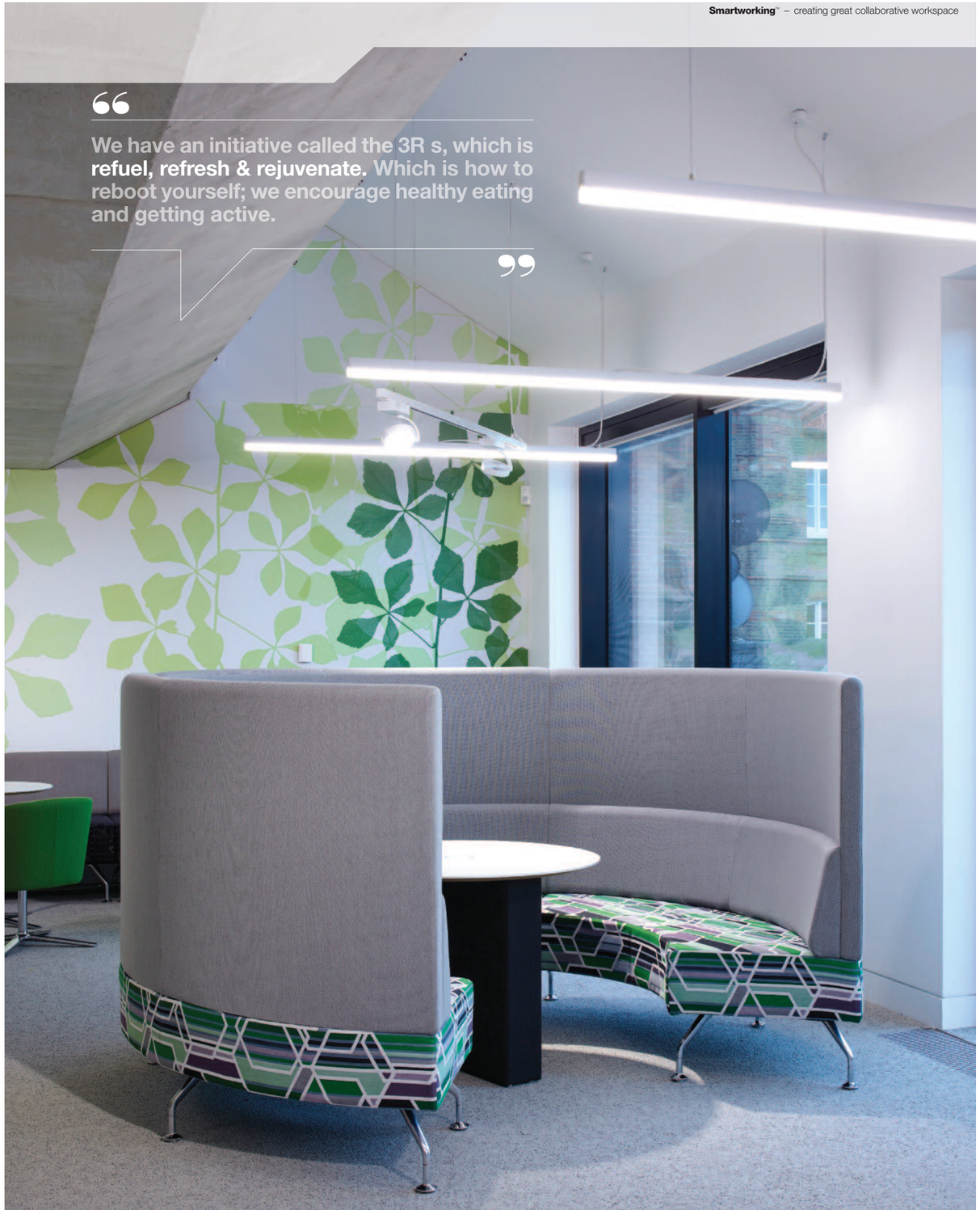
This double page illustrates **Perimeter** configured as low, linear sofas used individually, combined and linked into L settings with both free standing and linked tabling.

The two curved **Perimeter** units can be specified as either low or high back. The simplicity of their architectural design and ability to be combined with ease allows diverse choice in how this product can be configured and space planned. As with the full **Perimeter** range these units can be used equally well with either free standing or linked tabling.

Perimeter *low (curved)*

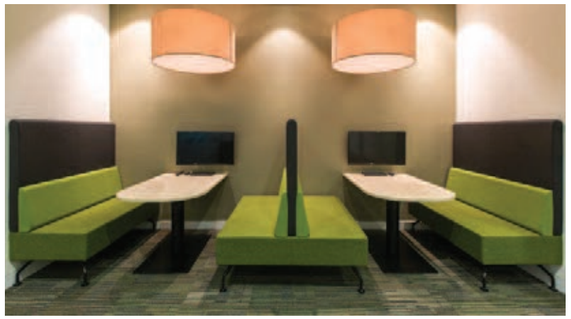
Perimeter high shares all the attributes as previously described for both the low configurations. **Perimeter** high is valued for its ability to achieve discrete privacy within open plan workspaces. As illustrated the primary quality of its design allows the designer and specifier a wide choice in fabric selection to either play with complimentary blocks of colour or combine with more exuberant textures and patterns.

Perimeter *high*



Perimeter *banquette*

Perimeter banquette takes **Perimeter** into a precise function and space planning typology where the units are linked back-to-back and combined with worktables, which offer power and data connectivity. This design offers the choice of continuing with the sculptural cast aluminium leg or being combined with a box base (as illustrated).



Ramsey

Sully, **Ramsey** and Skomer are new additions to the Orangebox Landscape, which like Point, Dean & Tarn (previously), offer great choice, comfort and adaptability for a variety of work scenarios with an updated contemporary aesthetic.

They are designed to work either individually, together in small clusters or as part of larger configurations with all of the Book of Product range of products. **Ramsey**'s simple and elegant form is enhanced with a high quality moulded PU foam construction with resilience built in. Elasticated webbing within the seat element and a carefully shaped backrest combine to deliver refined comfort.

> **We did a trial run, of much more being able to work from home in our Amsterdam office and some of the guys, which was quite surprising for me could not cope with being away from the social group of the office.**

Skomer

Skomer is a companion product to the pull-up Ramsey meeting chair where the back extends round to provide soft and comfortable arms.

Given the scale, compact design and footprint both **Skomer** and Ramsey both offer refined comfort and posture support and are designed for short term meeting and working. The moulded PU foam seat and backrest elements deliver crisp upholstery with the resilience to cope with high churn environments.

Sully

When you do something simple, you have to do it well and **Sully**'s proportion and poise are easy to enjoy, delivering a relaxed attitude wherever and however they're used.

Perfect for impromptu meetings & breakout spaces **Sully** delivers great value for money without compromising on quality or comfort.

Reef is a highly effective, practical free standing media unit designed to allow up to 6 users seated around the table. It includes convenient access to power and data, via a unit set into the worktop.

Any monitor of up to 37 inch can be fitted to the vertical panel for meeting and conference sharing presentations. **Reef** media units are designed with easy access to the interior via a hinged door on the side of the vertical unit.

Reef Media Unit

> **I think the technology is driver at the moment.**
>
> If you can't get everything that you would normally get on your desktop, at your work station, you will actually use your own device or your mobile technology.

Essential pieces within the Orangebox landscape, stools encourage a greater variety of seating positions throughout the workday by allowing people to sit and work at a more casual, relaxed café counter height. Our range of stools works equally well within open plan spaces, small coffee areas or larger restaurants.

Stools – Spring/Peak

Spring – An instant Orangebox best seller, due, perhaps to its design clarity. Its single cantilevered tube frame seamlessly connects the seat, floor and footrest. **Spring** has a natural give when seated, making the product extremely comfortable.

Peak – The directness of its design means **Peak** works equally well as a simple showood stool with upholstered pads or a fully upholstered shell with arms. Built around a steel rod frame, the structure includes a clever footrest at the front and back, adding structure and encouraging a more socially relaxed attitude.

Lock Bar (see Occasional Tables p382) – to meet in small and large groups or simply take a break.

“Within our business about five years ago, we would all spend a lot of time together, having pub lunches, that type of thing. Now, everyone seems to be health crazy. They go to the gym at lunchtime; they eat salad at lunchtime. It’s completely changed, for about 80% of our staff.”

“It’s been said to me, well now we feel so good most of the time, you really notice when you’re not feeling good. Whereas before, you just felt mediocre most of the time. You never noticed it.”

Tide – Tide's contoured showood or upholstered seat is balanced on a thin metal structural frame that moves diagonally backwards and forwards, with an expressed intersection floating below the seat that achieves a design of refinement and clarity. **Tide** is designed to offer a firmer sit, in contrast to the movement of Spring.

Stools – Tide

Tide

> **One of the things we try to encourage is to drink lots of water. Because if you drink lots of liquid, you have got to go to the loo, at some point. We are trying to teach everyone that movement is an important activity.**

Tarn and **Dean** are long established products, which are central to the Orangebox portfolio. Both are supportive tub chairs, which can be specified with glides or castors and answer a diversity of functional needs.

Dean's form is pared down to a minimum without sacrificing support and comfort and a further choice of disc base, gives you the freedom to configure **Dean** individually or in a group setting. **Tarn** is built from the same form as **Dean** but with the back extended to offer upholstered, comfortable armrests.

Tarn/Dean

The bench companion piece to **Point**; **Gate** shares the same form as Tarn and Dean, creating a family of pieces that offer a diversity of functions and configurations. **Gate** has the simplicity of form to achieve a subtle effect or something more exuberant, depending on your choice of fabrics.

Point/Gate

Track Lounge and **Track Work** share the same design language, one is perfect for worktable use and the other for a more relaxed lounge sit. As with Hay and Bloom these chairs or offered with a flat cast metal four star base on a swivel column.

Track Work/Track Lounge

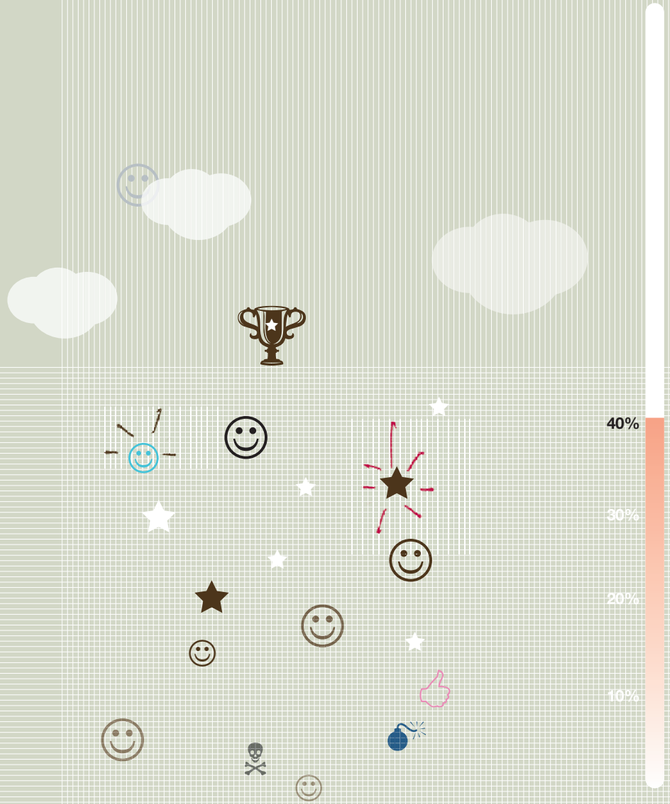
The **Vale** sofa is a contemporary modular system that works as a large armchair, a sofa or combined to create dynamic layouts suitable for busy workspaces or public areas. Vale's elegant, refined presence comes from its slim seat cushion, which tucks discreetly underneath the arm, creating an understated, elegant look.

When combined, intelligent linking allows a central, shared cast aluminum leg, with adjustable height and non-marking glides fitted as standard and suitable for all floor types. **Vale** also comes with its own range of tables, available in three sizes and two top types in a variety of melamine and real wood veneer finishes.

> **I think people are working older, staying in the workplace longer.** I think in the workplace you're having both old and young in the same environment and I think that you're also getting more women working for longer as well.

Vale

> Within our concentration spaces, nobody is allowed to speak to you, acknowledge you, wave at you, or enter that space while you're in there because you're in there for a reason. If you need to concentrate, it works well.



40% of organisations project to use gamification as a primary mechanism to transform business operations.

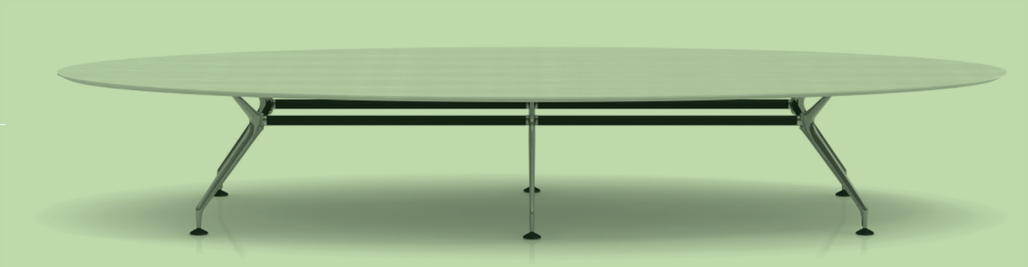
Tables

Lano
Pars
Obvio

Credenzas

EXECUTIVE MEETING & CONFERENCE TABLES

Enjoy almost limitless choice and specification options. Lano lets you create work, meeting and conference tables to suit the shape, size, finish and configuration you require.



LANO

Smartworking products are designed for our increasingly collaborative & shared workspaces. At the heart of our product landscape are the benefits of quality, convenience and extensive choice.

Lano is our largest table programme designed to address the growing need for practical tabling solutions. Its unique, cast aluminium architectural base provides generous seating options with the maximum of free leg space. Sizing extends from an intimate 1200mm table to a 2000mm x 6200mm version for up to 24 delegates. The modularity of the leg frame architecture has been designed and engineered to accommodate tables of almost infinite length.

Lano's design offers eight standard top shapes specifiable in multiple sizes, veneer selection, finishes and top edge profiles. These are illustrated and detailed in the options and specification pages.

The circular, oval, soft square, soft rectangle, square, rectangular, barrel and soft vase are all available from 1200mm wide and up to 6200mm long as standard. Width specification ranges from 1200mm to 2000mm, with the possibility of infinite lengths as mentioned.

The design of the structural sub-frame architecture allows custom top shapes to be manufactured easily. Built from precision-engineered die cast aluminium, the base connects into an expressed and contrasting structural cross frame via a refined pivoting connector. This beautifully clean and elegant sub-frame assembly is designed to share components intelligently. The result is a visually light, functionally robust table range suitable for limitless applications.

Lano is technology enabled with our extensive range of power and data modules. These are available for specification across the full range.

Built from a unique, polished aluminium leg architecture, Lano's expansive tabling programme offers shared components for optimum flexibility.

Visually light

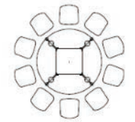
yet structurally robust, whatever the application.

A cast and extruded aluminium leg architecture designed to accommodate generous seating provision , with the maximum of free leg space.

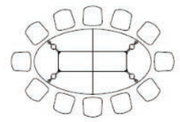
this page – BARREL opposite – CIRCULAR

CIRCULAR | OVAL

LANO



5 standard size variations



15 standard size variations

see p364-365 for available standard sizes and finishes

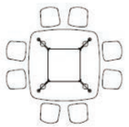
CIRCULAR | OVAL

> **We work a lot within our consultant's offices; we can access their technology, things like that. So we actually completely share their space.** Even if I've got a client with me in London, Birmingham wherever, I go in and log on to their system and work with them.

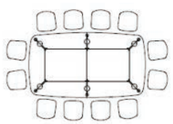
see p364-365 for available standard sizes and finishes

SOFT SQUARE | SOFT RECTANGLE

see p364-365 for available standard sizes and finishes



5 standard size variations



23 standard size variations

SOFT SQUARE | SOFT RECTANGLE

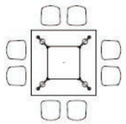
see p364-365 for available standard sizes and finishes

SQUARE | RECTANGULAR

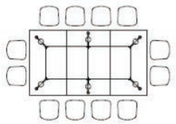
LANO

see p364-365 for available standard sizes and finishes

nb. maximum glass top available 1800mm x 1800mm



5 standard size variations



23 standard size variations

LANO

SQUARE | RECTANGULAR

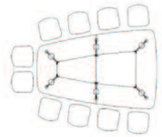
see p364-365 for available standard sizes and finishes

BARREL | SOFT VASE

LANO

see p364-365 for available standard sizes and finishes

10 standard size variations



3 standard size variations

“For us it was the iPhone that broke the dam, because up until then you used a corporate Blackberry and then everyone started bringing in iPhones because they hated the Blackberries... and then eventually the company just relented and let people run company apps on their iPhone and then it was like ok, do whatever.”

BARREL | SOFT VASE

see p364-365 for available standard sizes and finishes

The traditional needs of teaching and conference tables have become increasingly more expansive and demanding.

Pars XY leg

7 leg designs | 5 top shapes | 5 edge profiles | 11 top finishes

The elegant XY leg is also ideal for large and small meeting tables, with its unique cantilever design it offers increased knee clearance. The XY legs are only available in chrome.

We're retaining people for longer because we respond to the reality of their personal needs. This is one of the real benefits the new workspace brings to the company.

see p366-367 for available standard sizes and finishes

The **Pars** table range covers a diversity of design, performance and finishes choice. From the clarity of the cast aluminium single leg, to the sculpturally richer XY chrome leg, to the more architectural box and aerofoil wood bases – all can be combined with five top shapes and five edge profiles that are available on eleven top finishes.

Pars i-Frame

7 leg designs | 5 top shapes | 5 edge profiles | 11 top finishes

The **Pars** i-Frame is the most specified leg within the tabling offer. Its classic design is achieved using a slender cast aluminium ski which connects to a vertical steel column all in RAL 9006 as standard with options for stone or white and further combinations of black and chrome columns with polished ski's.

Tops available in melamine, real veneer tops, with or without a decorative veneer inlay and a solid wood edge, are also available with the same top shapes and sizes.

see p366-367 for available standard sizes and finishes

“Our default has become **always on** – instant response and I think it's the expectation of people that are emailing, they expect that you will instantly respond.”

PLANNING OFFICE SPACES

“

Workplace behaviour differs depending on what country you are in. In Italy for example they have no complaint, regarding their space because it is never quiet. They don’t do quite. But in other countries we have to provide general quietness around the workstations especially when they are close by noisy areas.

”

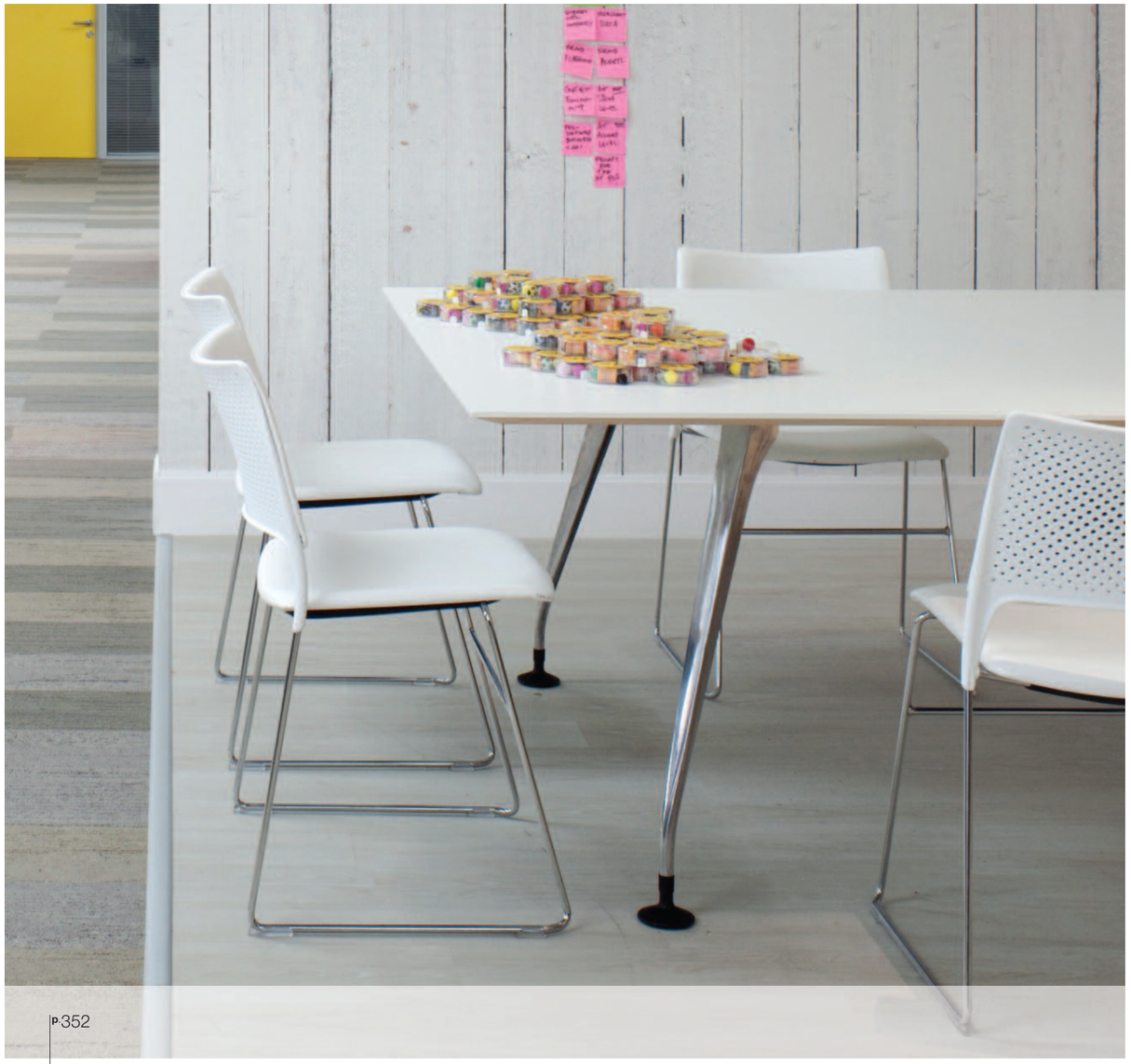
see p366-367 for available standard sizes and finishes

The contemporary single leg option is also ideal for meeting tables. The single leg works well where free leg space is critical and is often specified for both enclosed and open plan environments. This die-cast aluminium leg is available in six finishes – RAL 9006 silver and black as standard and white, stone and polished as an upcharge. It works equally well on all the diverse top shapes and sizes within the **Pars** tabling offer.

see p366-367 for available standard sizes and finishes

Pars single leg

7 leg designs | 5 top shapes | 5 edge profiles | 11 top finishes



> “Our organisation is going to have a massive void in skill and knowledge and they’re going to have to plug that gap somehow. I think what s going to happen is that the organisation is going to get younger and I don’t necessarily think that they re gearing up for it, they’re going to struggle when it finally kicks in.”

Pars Aerofoil & Box base

7 leg designs | 5 top shapes | 5 edge profiles | 11 top finishes

The Aerofoil and Box base are the classic options within the **Pars** tabling range. They are designed to be specified within executive and boardroom environments, where a more traditional and conservative design statement is required. The aerofoil base is only available in veneer and the box base is available in both veneer and melamine finishes.

These tables focus on quality and craftsmanship. They can be customised to reflect even the most complex interior detailing. Cable ports can be added to the top to allow discrete power, data and AV connectivity.

see p366-367 for available standard sizes and finishes

Aerofoil base

Box base

> **We have about 1,000 people on site; people are interested in having health checks, like having blood pressure checks, seeing an osteopath and some alcohol things, but not so much the more subtle postural and corrective behavioral issues.**

Obvio active tables

For use by individuals, small and large groups.

Obvio tables allow for individual use and small groups. They can be reconfigured easily into larger, more diverse configurations and functional layouts. The **Obvio** flip-top table range is available in a wide choice of sizes and finish options. All tables are built on a robust flip-top mechanism. This means that even with a 2400mm x 900mm top, **Obvio** still meets the rigorous demands of strength, stability and reconfiguration.

see p368-369 for available standard sizes and finishes

“

In a mobile workplace, it s the stuff you carry, which I think is now causing problems. You carry around a lot more stuff than you acutely need and I have just bought my own little mobile office box thing to wheel around because we tend to take everything with us in a just in case scenario.

”

“

This is where it benefits the company to offer flexible working, because if the employee had not had that option they might have looked for somewhere else to go, moving all their knowledge and experience with them.

That is what we found that - we are retaining people because we respond to the reality of their own personal needs.

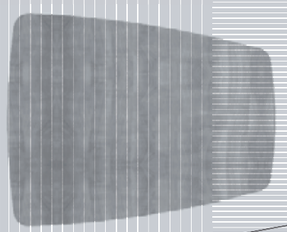
”

The traditional needs of classroom and conference environments have become increasingly **more diverse and demanding**.

You can combine any of the Smartworking tables with confidence knowing that the consistent and unifying design language is shared across the ranges.

Obvio active flip top tables are built off a unique and robust mechanism meaning that even with a 2400mm x 900mm top, **Obvio** still meets the rigorous demands of constant reconfiguration.

Power and data can be seamlessly integrated allowing the most complex technology requirements to be configured with the same ‘plug-in and play’ ethos.



ebony
oak
walnut
Maple
Beech

1200mm x 2200mm
1200mm x 2400mm
1200mm x 2?00mm
1400mm x 2400mm
1400mm x 2800mm
1400mm x 3200mm
1600mm x 2850mm
1600mm x 3200mm
1600mm x 4850mm
1600mm x 4250mm
1800mm x 3600mm
1800mm x 4050mm
2000mm x 3600mm
2000mm x 4000mm
2000mm x 4400mm
2000mm x 4800mm

Ø 1400mm
Ø 1400mm
Ø 1400mm
Ø 1400mm
Ø 1400mm

matching 3mm solid square
matching deep 3mm solid square
matching 3mm solid chamfered

1400mm x 700mm
1600mm x 800mm
800mm x 900mm
2000mm x 1000mm
2200mm x 1200mm
2400mm x 1200mm
1400mm x 2800mm
1400mm x 3200mm
1400mm x 3600mm
1400mm x 4000mm

options
and specifications

Shapes
Sizes
Profiles
Finishes
Legs
Power/Data

1200mm x 2200mm
1200mm x 2400mm
1400mm x 2400mm
1400mm x 2800mm
1400mm x 3200mm
1600mm x 2800mm
1600mm x 3200mm
1600mm x 3600mm
1800mm x 3200mm
1800mm x 3600mm
1800mm x 4000mm

LANO options

top shapes & sizes

Circular

Ø1200mm
Ø1400mm
Ø1600mm
Ø1800mm
Ø2000mm

Oval

1200mm x 2200mm
1200mm x 2400mm
1400mm x 2400mm
1400mm x 2800mm
1400mm x 3200mm
1600mm x 2800mm
1600mm x 3200mm
1600mm x 3600mm
1800mm x 3200mm
1800mm x 3600mm
1800mm x 4000mm
2000mm x 3600mm
2000mm x 4000mm
2000mm x 4400mm
2000mm x 4800mm

Soft Square

1200mm x 1200mm
1400mm x 1400mm
1600mm x 1600mm
1800mm x 1800mm
2000mm x 2000mm

Barrel

1200mm – 1600mm x 2400mm
1200mm – 1700mm x 3200mm
1200mm – 1800mm x 4000mm
1200mm – 1900mm x 5400mm
1200mm – 2000mm x 6200mm
1600mm – 2000mm x 2400mm
1600mm – 2100mm x 3200mm
1600mm – 2200mm x 4000mm
1600mm – 2300mm x 5400mm
1600mm – 2400mm x 6200mm

Soft Vase

1200mm – 2000mm x 2400mm
1200mm – 2200mm x 3200mm
1200mm – 2400mm x 4000mm

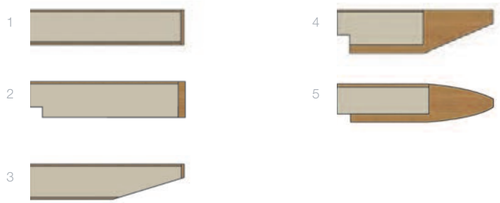
top profiles & finishes

Melamine top finishes
Cherry | Oak | Walnut | Maple | White | Pale Grey

Melamine edges
1 matching 2mm ABS square
2 matching 2mm ABS chamfered

Veneer top finishes
Cherry | Oak | Walnut | Maple | Beech

Veneer edges
1 matching 3mm solid square
2 matching deep 3mm solid square
3 matching 3mm solid chamfered
4 matching 40mm solid chamfered
5 matching 70mm aerofoil



Glass top finishes (Lano only)
Clear | Frosted | Back Painted Black | Back Painted White

Glass edge
10mm polished bevelled edge

Soft Rectangle

1200mm x 2200mm
1200mm x 2400mm
1400mm x 2400mm
1400mm x 2800mm
1400mm x 3200mm
1400mm x 4000mm
1400mm x 5400mm
1400mm x 6200mm
1600mm x 2800mm
1600mm x 3200mm
1600mm x 3600mm
1600mm x 4000mm
1600mm x 5400mm
1600mm x 6200mm
1800mm x 3200mm
1800mm x 3600mm
1800mm x 4000mm
1800mm x 5400mm
1800mm x 6200mm
2000mm x 3600mm
2000mm x 4000mm
2000mm x 4400mm
2000mm x 4800mm

Square

1200mm x 1200mm
1400mm x 1400mm
1600mm x 1600mm
1800mm x 1800mm
2000mm x 2000mm

Rectangular

1200mm x 2200mm
1200mm x 2400mm
1400mm x 2400mm
1400mm x 2800mm
1400mm x 3200mm
1400mm x 4000mm
1400mm x 5400mm
1400mm x 6200mm
1600mm x 2800mm
1600mm x 3200mm
1600mm x 3600mm
1600mm x 4000mm
1600mm x 5400mm
1600mm x 6200mm
1800mm x 3200mm
1800mm x 3600mm
1800mm x 4000mm
1800mm x 5400mm
1800mm x 6200mm
2000mm x 3600mm
2000mm x 4000mm
2000mm x 4400mm
2000mm x 4800mm

The **Lano** system is a diverse range of conference table top configurations. The scheme presents and accommodates generous seating spaces for small and large groups without ever compromising on legroom. Meetings for small groups of 4 and up to large parties of 24+ are provided for effectively.

The **Lano** system offers a broad range of top shapes and sizes with 8 default options: Circular, Oval, Soft Square, Soft Rectangle, Square, Rectangle, Barrel and Soft Vase available from 1200mm wide and up to 6200mm in length as standard. Custom top shapes can also be achieved within the range of the system flexibility.

Pars options

Combinations of these carefully chosen options allow the design and specification demands of the contemporary workplace to be easily accommodated. Each of the seven base options provide classic designs that follow the language of the expansive Orangebox Smartworking landscape and blend seamlessly into a diverse range of interior environments.

The i-Frame is available as standard, as a polished aluminium base on a black column or RAL 9006 silver. All chrome or the unique Orangebox contemporary stone finish are available as a customer special. The single leg is available in polished aluminium, RAL 9006 silver, stone or black and both the ski and single legs have a levelling black glide. The XY leg is available only in polished chrome.

top shapes, sizes & finishes

Rectangular

1400mm x 700mm
1600mm x 800mm
1800mm x 900mm
2000mm x 1000mm
2200mm x 1200mm
2400mm x 1200mm
1400mm x 2800mm
1400mm x 3200mm
1400mm x 3600mm
1400mm x 4000mm

Curved-end

1400mm x 700mm
1600mm x 800mm
1800mm x 900mm
2000mm x 1000mm
2200mm x 1200mm
2400mm x 1200mm
1400mm x 2800mm
1400mm x 3200mm
1400mm x 3600mm
1400mm x 4000mm

Barrell

1400mm x 700mm
1600mm x 800mm
1800mm x 900mm
2000mm x 1000mm
2200mm x 1200mm
2400mm x 1200mm
1400mm x 2800mm
1400mm x 3200mm
1400mm x 3600mm
1400mm x 4000mm

Oval

1800mm x 900mm
2000mm x 1000mm
2200mm x 1200mm
2400mm x 1200mm
1400mm x 2800mm
1400mm x 3200mm
1400mm x 3600mm
1400mm x 4000mm

Circular

Ø1000mm
Ø1200mm
Ø1400mm
Ø1600mm
Ø1800mm

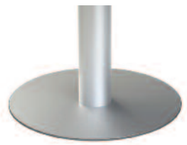
leg shapes & finishes

i-Frame

XY base

Single leg

Column base



Cruciform base

Aerofoil base

Box base

A diversity of top shapes and sizes combined with the flip top mechanism are designed to meet whatever configuration layouts you require.

Obvio options

The robust and easy to use linking brackets, cable trays, power/data units and cable bridges also mean that you are able to quickly configure and re-configure **Obvio** to your exact needs.

For the full technical specifications and capabilities of the **Obvio** range please refer to our **Obvio** technical brochure.

top shapes, sizes & finishes

Rectangular

1400mm x 700mm
1600mm x 800mm
1800mm x 900mm
2000mm x 900mm
2200mm x 900mm
2400mm x 900mm

D-end

1400mm x 700mm
1600mm x 800mm
1800mm x 900mm
2000mm x 900mm
2200mm x 900mm
2400mm x 900mm

Trapezoid

1400mm x 700mm
1600mm x 800mm
1800mm x 900mm

Linking Arc

1400mm x 700mm
1600mm x 800mm
1800mm x 900mm

Barrell

2000mm x 1000mm
2400mm x 1000mm

Oval

2000mm x 1000mm
2400mm x 1000mm

Circular

Ø1000mm

V Tables

2000mm x 900mm
2400mm x 1000mm

leg shape & finishes

i-Frame

Standard link [square edge]

Generic tabling options

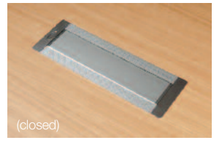
At Orangebox we know that each designed environment will have a different technological demand and to accommodate this we offer five different access options to include matching veneer, all aluminium, aluminium with a discreet plastic frame, all plastic grommets and all aluminium grommets.

All of these options can be populated with configurations of power and data including International outlets. Please refer to the full tabling technical brochure for more detailed information of these units.

integrated power/data

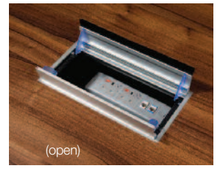
Platinum

Turn comfort



Standard Hinged Flap

Large Hinged Flap



Long Hinged Aluminium Flap

Long Veneer Flap

Long Melamine Flap

Veneer Flap

Melamine Flap

Silver Plastic Gromet

Silver Aluminium Gromet

Pixel

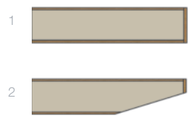
Port

top profiles & finishes

x 6 melamine finishes

Melamine top finishes
Cherry | Oak | Walnut | Maple | White | Grey

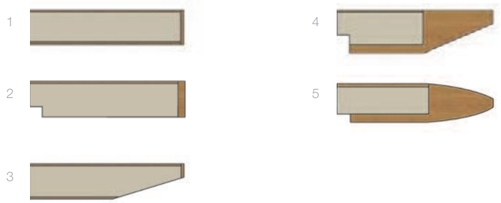
Melamine edges
1 matching 2mm ABS square
2 matching 2mm ABS chamfered



x 5 veneer finishes

Veneer top finishes
Cherry | Oak | Walnut | Maple | Beech

Veneer edges
1 matching 3mm solid square
2 matching deep 3mm solid square
3 matching 3mm solid chamfered
4 matching 40mm solid chamfered
5 matching 70mm aerofoil



Credenzas

The **Credenza** is a classic high quality cabinet in veneer or melamine finish. The two, three or four door units are 650mm or 450mm deep as standard and have an adjustable shelf fitted but can be easily customised to a more precise requirement if need be. Credenzas have a square edged top as standard or can be specified with a flush, chamfered edge, aerofoil or solid wood chamfered edge to match Pars tables. Credenzas are available on either a sled leg or low level plinth.

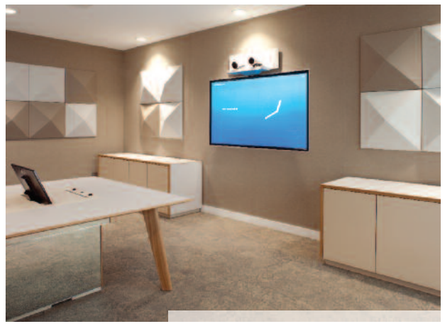
> **We are seeing more graduates arriving with pre-existing conditions now than we did previously, we have watched that increase, and the problems are musculoskeletal.**

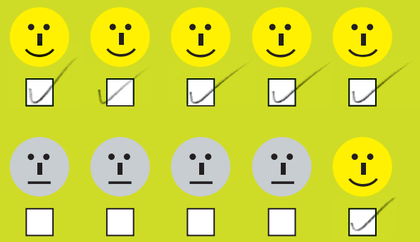
Base cable access

Orangebox Design Centre & unique client products.

The potential and resource of our Design Centre allows Orangebox to produce both adaptions to standard products or unique products designed for specialised client projects.

This case study for a pharmaceutical multinational illustrates an example where unique one off products were developed by our design team. Who collaborated closely with our client's team - to develop, manufacture and install complex, technology focused conference tables and credenzas.





41% of the time workers spend on work offers little satisfaction.

27 – the number of times we go on line daily.

Occasional Tables

Bluff
Surf
Lock
Lock Bar
Elan
Breaker
Arber
Cwtch tables
Dune

Bluff/Surf

Bluff is ideal as either a side table, or as a large feature table. The tops are solid and available in the standard Orangebox finish options. **Bluff** has the finesse to work with a diverse range of seating products and the thin leg is particularly beneficial in more confined spaces.

Surf can work as a low working table or as a side table between armchairs. Surf's minimal design is focused on a solid aluminum leg, which is fixed onto a glass top and functions as a low working table or as a side table between upholstery seating.

Surf offers an attractive lightness of presence and works equally well as a small round table or as a larger, low working table, accommodating up to four people. Glass tops are available in various shapes and sizes.

Bluff

Surf

Surf

Bluff

Lock

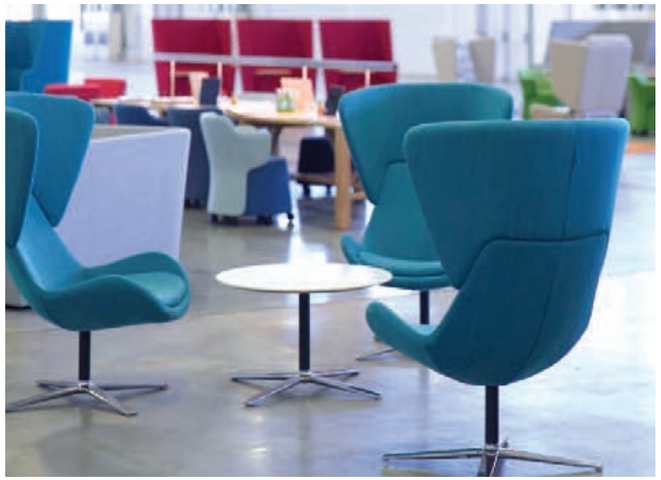
Lock table functions at work height and is ideal for both personal use, used in small groups, meetings, training or conferences. Each piece has an elegant steel tube frame, with glide or castor options.

Lock Bar helps answer the diversity of working environments and the need for different types of surfaces within today's workplace. Offering a solution for a more relaxed Café culture environment, the **Lock Bar** provides a place to eat and drink and encourages a more social aspect to the working day. **Lock Bar** can provide a simple solution for a touchdown environment or a place for stimulation and inspiration.

Lock Bar

This contemporary table is available at both work and occasional table heights. The clean lines of its cast aluminum base combined with either a melamine or glass top make it an ideal product for a diversity of spaces. The same four-star base is offered over multiple landscape products, as illustrated throughout this brochure. The wire frame option is only available at occasional table height.

Elan



Offered at both occasional table height or work height, **Breaker** is a heavily specified archetype. The simplicity of its round column and disc base design is offered in various finish combinations. **Breaker** works equally well as a small occasional table or larger work or meeting table and is often specified as both within the same area, to create a more flexible, yet coherent design scheme.

Breaker

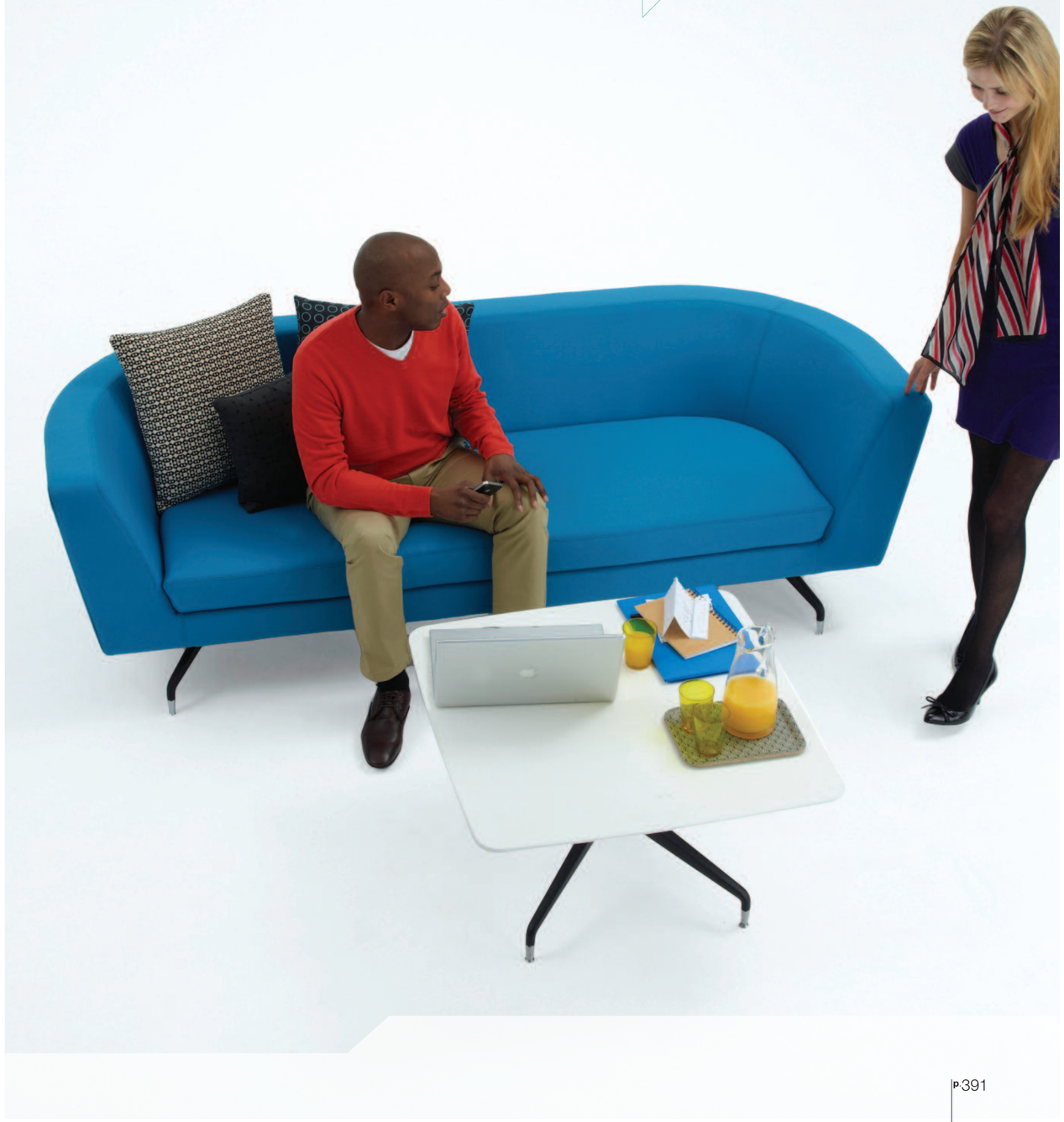
Arber

The **Arber** range of tables provides an elegant solution for informal meeting scenarios. A timeless design that is both robust and practical by virtue of its traditional, made by hand manufacturing process. Solid Oak, Walnut or Beech are available in 3 size variants to suit small or large group collaborations.

The perfect accompaniment to our Cwtch sofa range, the **Cwtch table** offers functionality as aswell as a real elegance to any work or public space. The tops are solid and available in the standard Orangebox finish options including the stunning wood leg option, which offers a more relaxed profile to soften work environments.

Cwtch tables

I think stress levels have increase, because you never stop. I'm checking my emails as soon as I wake up in the morning and the day just unfolds from there. I NEVER STOP.

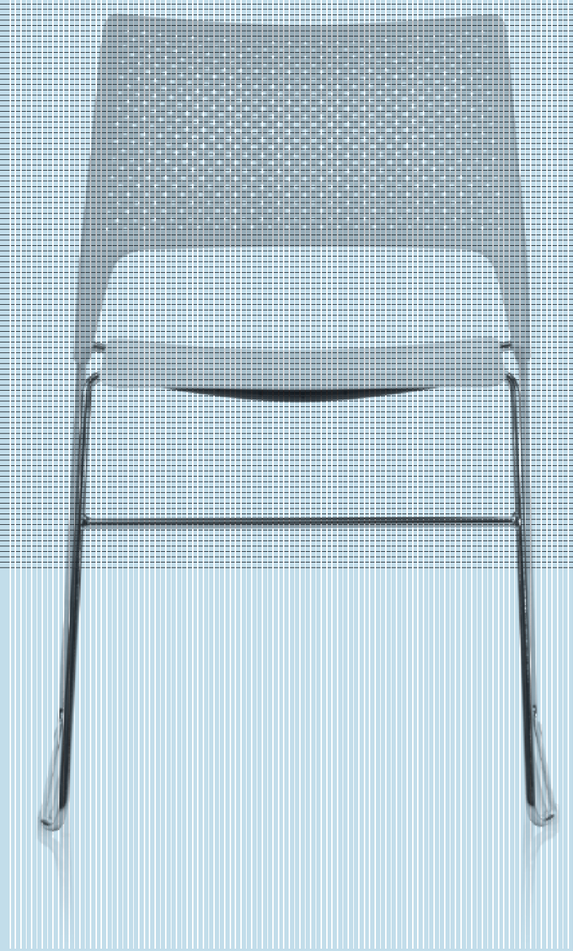


Dune features a four-star cast aluminium base. Offered as both meeting and occasional heights. Like Elan, this base design can also be specified on multiple upholstery products. **Dune** is a companion product to Elan and offers additional design choice, within any interior.

Dune

Meeting Seating

Calder
Workday
Seren visitor
X10
Go
Joy visitor
Joy mesh
Cors



Calder is the most recent meeting chair within the Smartworking landscape and a core product. Offering four design options, this diverse range is designed to complement our task seating offer, where compatibility between work areas is required.

Calder

Mid Back Four Star Base

Mid Back Four Star Base

High Back Four Star Base

Mid Back Four Star Base

Mid Back Cantilever

High Back Four Star Base

Workday

Workday is designed to complement our task-seating offer, where compatibility between work areas is required. The design of **Workday** reflects this need with a high tech mesh back encapsulated within a refined, robust and forgiving back frame architecture, which achieves a level of comfort commensurate with out portfolio of task seating.

Workday is a dynamic lite and concise family of work/meeting chairs. Available as a classic cantilever tube frame, a contemporary four-star base on a central column, a steel tube frame with four casters or on a five star caster base with movement and height adjustment.

As illustrated the wide choice of finish and specification options available through the **Workday** range allows the designer/specifier the ability to customise this high performance chair within diverse environments.

As shared work-spaces become increasingly common, office environments need to be more versatile than ever before and our seating more easily adaptable to multiple users. The **Seren** meeting chair redefines the levels of quality, comfort and ease of use you can expect from an entry level seating range.

Seren visitor

X10 combines design, engineering, finesse and user comfort. The **X10** family is not exaggerated in design and achieves a refreshing simplicity and honesty.

X10

Go's unfussy attitude is central to its success in a diverse range of work environments. **Go** expresses Orangebox's values of appropriate function and user interface and by selecting from a broad range of fabric options, can add impact to any interior.

Go

Joy and **Joy Mesh** (over page) display the technical attributes of more expensive products, in a surprisingly affordable package. Its form, contours and proportions are the result of Orangebox's continuous ergonomic research. The result, irrespective of your own body shape or size, is a level of comfort and performance previously unavailable for this class of product.

Joy visitor

Joy visitor mesh

Cors is a robust, high stacking universal chair for use in either small groups or within dense function scenarios. The design offers a high level of flexible comfort, from its elegant, slim profile design, due to the design and pattern matrix of the back and the metal structural frame, which is integrated into the back during the molding process.

Cors works equally well as all plastic, or a plastic back combined with an upholstered seat in matching or contrast fabric. **Cors** can be linked with a purpose designed wire link and also has a conference writing tablet option.

Cors

“I think people in the UK and within Europe are realising that a lot of the health and safety issues are my own fault and not the businesses fault. They are looking to improve their wellbeing, rather than blaming the business or the technology. **I honestly believe over the last ten years it has improved enormously.**”

DORA STOUTZKER
HALL
Door 1/3
Drws 1/3

20% of the workforce comprise freelancers, contractors & temps.

product dimensions

Why Build Walls?®
Air³
Airea
Cove
Bay

Away from the Desk
modular arms & tables
dedicated tables
stand alone tables
detatched seating groups
modular units

Network Landscapes
seating
Aden
Boom
Dench
Flex
Hella
Moss
On Your Jays
Orly
Peeps
Tope
Yolo

occasional tables
Hep
Imo
Joe
Skeen

café tables
Neato
Hench
Java

tables
Hep Large
Trill
ATM
Nang
Rock
Yawl
Yawl library tables
Hench library tables

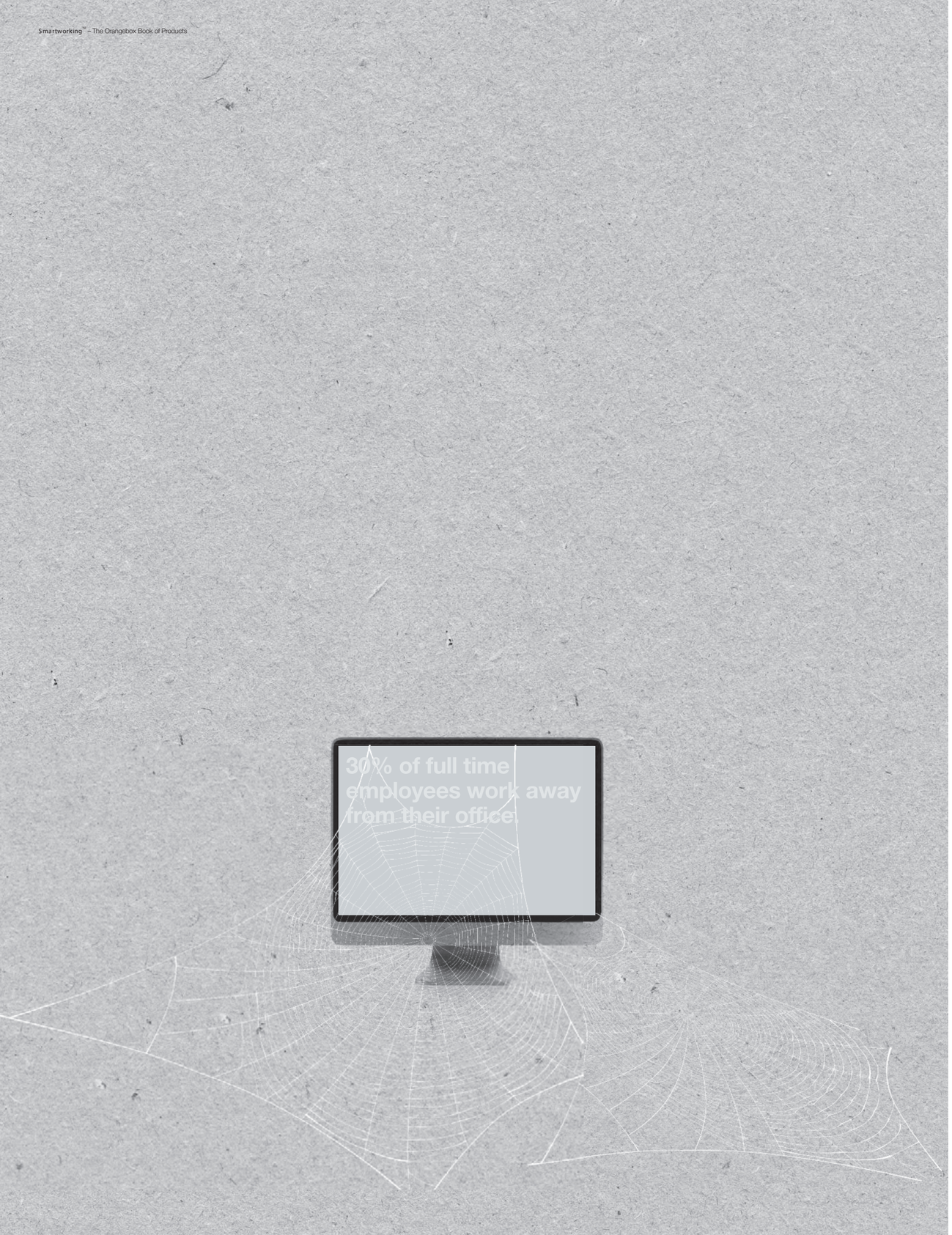
Smartworking™
soft seating
Avi
Bligh&Fletcher
Bloom
Border
Boundary
Campus
Cusp
Cwtch *low*
Cwtch *midi*
Cwtch *high*
Cwtch *media*
Dee
Hay
Ogmore
Pace
Perimeter *low*
Perimeter *high*
Perimeter *banquette*
Ramsey
Skomer
Sully
Reef Media Unit
Spring/Peak/Tide
Tarn/Dean
Point/Gate
Track Work/Track Lounge
Vale

tables
Lano
Pars
Obvio
Credenzas

occasional tables
Bluff/Surf
Lock/Lock Bar
Elan
Breaker
Arber
Cwtch
Dune

meeting seating
Calder
Workday
Seren
X10
Go
Joy/Joy mesh
Cors

orangebox



Why Build Walls?®

Air³

Air-10

W2785 D1672 [W110 D66]

Air-11

W2785 D1672 [W110 D66]

Air-12

W2785 D2961 [W110 D117]

Air-13

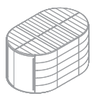
W2785 D2961 [W110 D117]

2250 [89]

Air-14

W2785 D4400 [W110 D173]

Air-15



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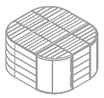
Air-16

W4090 D4400 [W161 D173]

Air-17



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2250 [89]

Air-22

W2785 D1672 [W110 D66]

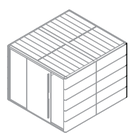
Air-23

W2785 D1672 [W110 D66]

Air-24

W2785 D2961 [W110 D117]

Air-25



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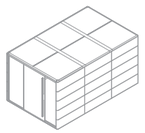
2250 [89]

Air-26



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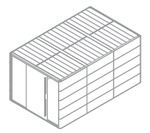
Air-27



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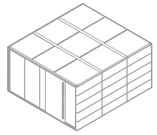
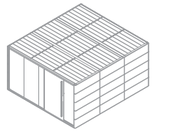
Air-28



W4090 D4400 [W161 D173]

Air-29



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2250 [89]

Air-30

W1137 D1765 [69]

Air-31

W2120 D1341 [W83 D53]

Air-32

W2400 D2440 [W94 D96]

730 [29]

Air-20

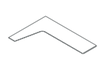
W2030 D1507 [W80 D59]

2250 [89]

Minipod Table-01

W1842 D1343 [W73 D53]

Minipod Table-02



W1842 D1343 [W73 D53]

Minipod Table-03

W1344 D600 [W53 D24]

730 [29]

Why Build Walls?®

Airea

Airea-100

W2800 D1650 [W111 D65]

Airea-110

W2800 D2950 [W111 D117]

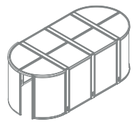
Airea-120

W2800 D2950 [W111 D117]

Airea-130

W2800 D4430 [W111 D175]

Airea-140



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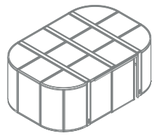
2200 [87]

Airea-160



W4100 D5840 [W162 D230]

2200 [87]

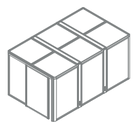
Airea-210

W2800 D1650 [W111 D65]

Airea-220

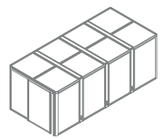
W2800 D2950 [W111 D117]

Airea-230



W2800 D4430 [W111 D175]

Airea-240



W2800 D5900 [W111 D233]

2200 [87]

Airea-300

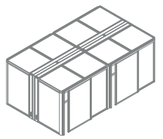
W2800 D3420 [W111 D135]

Airea-310

W2800 D3420 [W111 D135]

2800 [110]

Airea-320



W3420 D5720 [W135 D226]

3420 [135]

Airea-400

W2800 D2960 [W111 D117]

Airea-410

W2800 D2960 [W111 D117]

Airea-420

W2800 D2960 [W111 D117]

Airea-430

W2800 D2960 [W111 D117]

2200 [87]

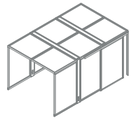
Airea-500

W2800 D4430 [W111 D175]

Airea-510

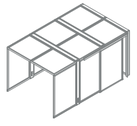
W2800 D4550 [W111 D180]

Airea-520



W2800 D4430 [W111 D175]

Airea-530



W2800 D4430 [W111 D175]

2200 [87]

Why Build Walls?®

Cove screen systems

100 Series

Cove-100

800 [32]

1200 [48]

Cove-105

800 [32]

1500 [59]

Cove-110

800 [32]

1800 [71]

Cove-115

800 [32]

2100 [83]

Cove-120

800 [32]

320 [13]

Cove-125

860 [34]

1200 [48]

Cove-130

860 [34]

1500 [59]

Cove-135

860 [34]

1800 [71]

Cove-140

860 [34]

2100 [83]

200 Series

Cove-200

1300 [52]

1200 [48]

Cove-205

1300 [52]

1500 [59]

Cove-210

1300 [52]

1800 [71]

Cove-215

1300 [52]

2100 [83]

Cove-220

1300 [52]

470 [19]

Cove-225

1300 [52]

240 [10]

SL-01

705 [28]

Cove-230

1300 [52]

Cove-235

1300 [52]

Cove-240

1360 [54]

1200 [49]

Cove-245

1360 [54]

1500 [60]

Cove-250

1360 [54]

1800 [71]

Cove-255

1360 [54]

2100 [83]

300 Series

Cove-300

1000 [40]

1200 [48]

Cove-305

1000 [40]

1500 [59]

Cove-310

1000 [40]

1800 [71]

Cove-315

1000 [40]

2100 [83]

Cove-320

1006 [40]

470 [19]

Cove-325

1005 [40]

240 [10]

Cove-330

1466 [58]

470 [19]

Cove-335

1045 [41]

240 [9]

SL-01

705 [28]

Cove-340

1005 [40]

Cove-345

1499 [60]

Cove-350

1005 [40]

Cove-355

1499 [60]

730 [29]

Why Build Walls?®

Cove *continued*

400 Series

Cove-400

1350 [53]

Cove-405

1350 [53]

Cove-410

1350 [53]

Cove-415

1350 [53]

Cove-420

1385 [55]

Cove-425

1298 [52]

Cove-430

1692 [67]

Cove-435

1395 [55]

SL-01

Cove-440

1314 [52]

Cove-445

1959 [000]

Cove-450

1314 [000]

Cove-455

1667 [000]

500 Series

Cove-500

1405 [56]

Cove-505

1405 [56]

Cove-510

1405 [56]

Cove-515

1405 [56]

Cove-520

1305 [52]

Cove-525

1388 [55]

Cove-530

1914 [76]

Cove-535

1403 [55]

SL-01

Cove-540

1388 [55]

Cove-545

320 [13]

Cove-550

320 [13]

Cove-555

320 [13]

600 Series

Cove-600

800 [32]

Cove - 605

175 [7]

Why Build Walls?®

Bay

Bay-100

W800 D450 [W32 D18]

Bay-110 LH/RH

W860 D60 [W34 D2]

Bay-120

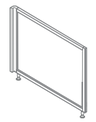
W1200 D450 [W48 D18]

Bay-130 LH/RH

W1260 D60 [W50 D2]

Bay-140

W1500 D450 [W60 D18]

Bay-150 LH/RH

W1560 D60 [W62 D2]

Bay-160

W1000 D450 [W40 D18]

Bay-170

W1330 D450 [W53 D18]

Bay-180

W1405 D450 [W56 D18]

Bay-200

W800 D450 [W32 D18]

Bay-210 LH/RH

W860 D65 [W34 D3]

Bay-220

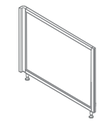
W1200 D450 [W48 D18]

Bay-230 LH/RH

W1260 D65 [W50 D2]

Bay-240

W1500 D450 [W60 D18]

Bay-250 LH/RH

W1560 D46 [W62 D2]

Bay-260

W1000 D448 [W40 D18]

Bay-270

W1330 D448 [W53 D18]

Bay-280

W1405 D448 [W56 D18]

Bay-300

W800 D450 [W32 D18]

Bay-310 LH/RH

W860 D65 [W34 D3]

Bay-320

W1200 D450 [W48 D18]

Bay-330 LH/RH

W1260 D65 [W50 D3]

Bay-340

W1500 D450 [W60 D18]

Bay-350 LH/RH

W1560 D46 [W62 D2]

Bay-360

W1000 D450 [W40 D18]

Bay-370

W1330 D450 [W53 D18]

Bay-380

W1405 D450 [W56 D18]

Bay-500

W1500 D450 [W60 D450]

Away from the Desk

Modular arms and tables

AD-61 LA

W275 D460 [W11 D18]

AD-61 RA

W275 D460 [W11 D18]

AD-62 LC

W780 D1025 [W31 D40]

AD-62 RC

W780 D1025 [W31 D40]

AD-63 LP

W900 D1335 [W35 D53]

AD-63 RP

W900 D1335 [W35 D53]

700 [28]

725 [29]

AD-64 SRO

W1100 D1100 [W43 D43]

AD-64 MRO

W1200 D1200 [W47 D47]

AD-64 LRO

W1400 D1400 [W55 D55]

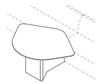
AD-64 SW

W1450 D1200 [W57 D47]

AD-64 LW

W1655 D1400 [W65 D55]

AD-64 120



W1465 D1135 [W58 D45]

AD-64 HE

W2170 D1400 [W85 D55]

730 [29]

AD-67 RE

W950 D750 [W37 D30]

AD-67 SQ

W750 D750 [W29 D30]

730 [29]

Dedicated tables

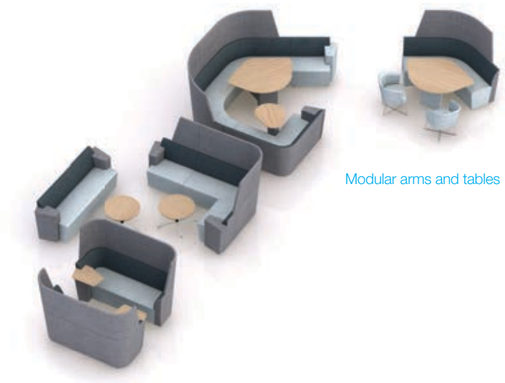
AD-71

W600 D790 [W26 D31]

AD-72

W800 D700 [W31 D28]

730 [29]



Modular arms and tables

Media workspaces

AD-81 DS

W1300 D1350 [W51 D53]

AD-81 OV

W1300 D1850 [W51 D73]

AD-81 GR

W1650 D2270 [W65 D89]

AD-81 GT

W1310 D1850 [W52 D73]

1455 [57]

AD-81 HE120

W2170 D1650 [W85 D65]

AD-81 HE90

W1675 D1650 [W66 D65]

AD-82 DS

W1300 D1350 [W51 D53]

AD-82 OV

W1300 D1850 [W51 D73]

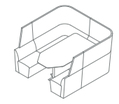
1455 [57]

1775 [70]

Away from the Desk

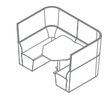
Groups

AD-85



W2350 D2295 [W93 D90]

AD-85 A



W1580 D1955 [W62 D77]

AD-86 LH

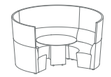
W1580 D1955 [W62 D77]

AD-86 RH

W1580 D1955 [W62 D77]

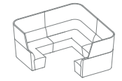
1470 [58]

AD-87 C



W2700 D2300 [W106 D91]

AD-87 S



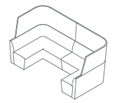
W2990 D2990 [W118 D118]

AD-87 L

W3520 D2700 [W193 D106]

1470 [58]

AD-88 C1



W2990 D1495 [W118 D59]

AD-88 C2

W3700 D1450 [W146 D57]

AD-88 C3

D3300 W1495 [W130 D59]

AD-88 C4

D3300 W1495 [W130 D59]

1470 [58]

Stand alone tables

AD-91 SRO

1200 [47]

AD-91 LRO

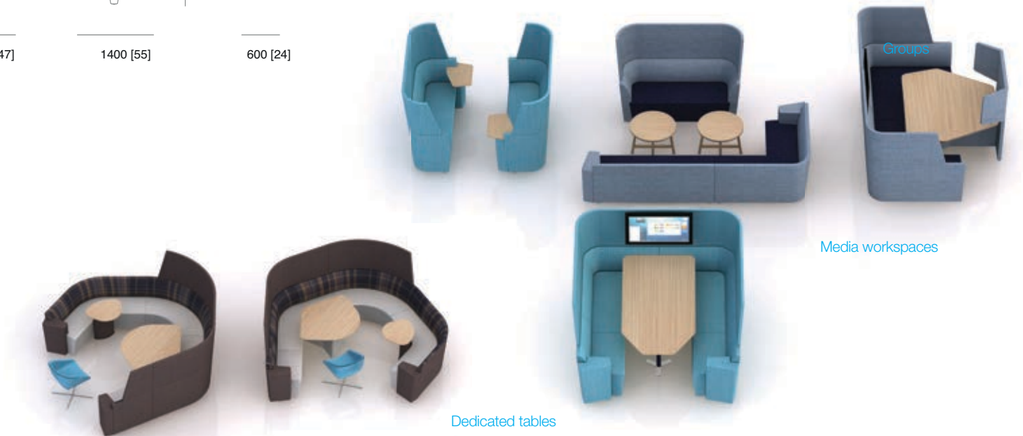
1400 [55]

730 [29]

AD-92

600 [24]

500 [20]



Groups

Media workspaces

Dedicated tables

Stand alone tables

AftD continued...

Away from the Desk

Detached seating

AD-101

W1035 D660 [W41 D66]

AD-101 LT

W1035 D915 [W41 D36]

AD-101 RT

W1035 D915 [W41 D36]

AD-102

W1140 D710 [W45 D28]

AD-102 LT

W1140 D965 [W45 D48]

AD-102 RT

W1140 D965 [W45 D48]

AD-103

W1835 D660 [W72 D26]

AD-103 LT

W1835 D915 [W72 D36]

AD-103 RT

W1835 D915 [W72 D36]

AD-104

W1940 D710 [W76 D28]

AD-104 LT

W1940 D965 [W76 D38]

AD-104 RT

W1940 D965 [W76 D38]

Modular units

AD-01

W800 D510 [W31 D20]

AD-02

W800 D660 [W31 D26]

AD-03

W800 D710 [W31 D28]

AD-03 LC

W800 D710 [W31 D28]

AD-03 RC

W800 D710 [W31 D28]

AD-11

W1800 D510 [W71 D20]

AD-12

W1800 D660 [W71 D26]

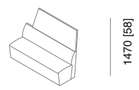
AD-13

W1800 D710 [W71 D28]

AD-13 LC

W1800 D710 [W71 D28]

AD-13 RC



W1800 D710 [W71 D28]

AD-21

W1985 D910 [W78 D36]

AD-22

W2130 D1060 [W84 D42]

AD-23

W2185 D1110 [W86 D44]

AD-23 LC

W2160 D1110 [W85 D44]

AD-23 RC

W2130 D1110 [W84 D44]

AD-23 DC

W2160 D1110 [W85 D44]

AD-24

W1985 D1045 [W78 D41]

AD-25

W1985 D1090 [W78 D43]

AD-25 LC

W1985 D1090 [W78 D43]

AD-25 RC

W1985 D1090 [W78 D43]

AD-25 DC

W1985 D1090 [W78 D43]

Detached seating

Away from the Desk

Modular units *continued*

AD-31

W1985 D1720 [W78 D68]

AD-32

W1985 D1850 [W78 D73]

AD-33

W1985 D1890 [W78 D74]

AD-33 LC

W1985 D1890 [W78 D74]

AD-33 RC

W1985 D1850 [W78 D73]

AD-33 DC

W1985 D1890 [W78 D74]

AD-41

W1295 D1295 [D51 W51]

AD-42

W1445 D1445 [W57 D]

AD-43

W1495 D1495 [W59 D59]

AD-43 LC

W1495 D1495 [W59 D59]

AD-43 RC

W1495 D1495 [W59 D59]

AD-43 DC

W1495 D1495 [W59 D59]

AD-51

W1627 D700 [D64 D28]

AD-52

W1835 D850 [W72 D33]

AD-53

W1900 D900 [W75 D35]

AD-53 LC

W1865 D900 [W73 D35]

AD-53 RC

W1865 D900 [W73 D35]

AD-53 DC

W1835 D900 [W72 D35]

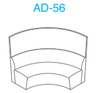
AD-54

W1425 D655 [W56 D26]

AD-55

W1635 D805 [W64 D32]

AD-56



W1710 D855 [W67 D35]

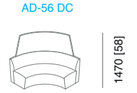
AD-56 LC

W1670 D855 [W66 D35]

AD-56 RC

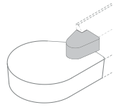
W1670 D855 [W66 D35]

AD-56 DC



W1635 D855 [W64 D35]

AD-57 RH
AD-59 RH

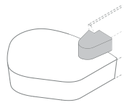


W1235 D1385 [W49 D55]

AD-57 LH
AD-59 LH

W1235 D1385 [W49 D55]

AD-58 RH
AD-59 RH

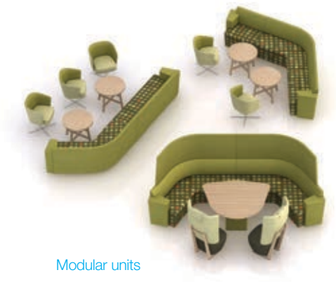


W1455 D1630 [W57 D64]

AD-58 LH
AD-59 LH

W1455 D1630 [W57 D64]

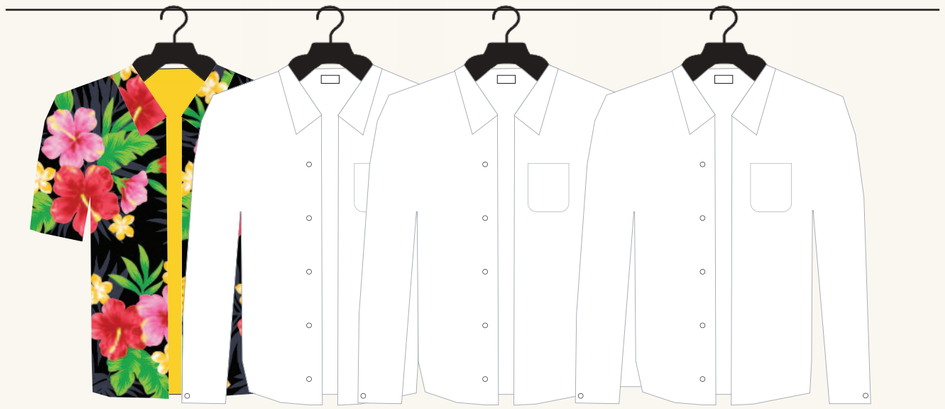
Modular units



Modular units

Modular units

Millennials are more comfortable mixing business with pleasure. They are more likely than older employees to extend a business trip into a personal vacation.



Millennials take more business trips a year (4.2) than Boomers (3.2)

Network Landscapes

Aden

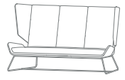
Aden-01 HB

W987 D890 [W39 D35]

Aden-02 HB

W1645 D890 [W65 D35]

Aden-03 HB



W2238 D890 [W88 D35]

1302 [51]

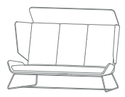
Aden-01 HBH

W987 D890 [W39 D35]

Aden-02 HBH

W1645 D890 [W65 D35]

Aden-03 HBH



W2238 D [W88 D35]

1535 [60]

Boom

Boom-01

650 [26]

745 [29]

1127 [44]

Dench

Dench-01

725 [29]

Dench-02

1460 [57]

790 [31]

760 [30]

Network Landscapes

Flex

Flex-01

700 [28]

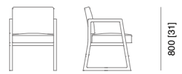
Flex-02

1500 [59]

830 [33]

Hella

Hella-01



592 [23]

600 [24]

Moss

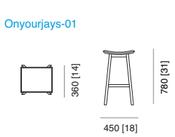
Moss-01

642 [25]

890 [35]

On Your Jays

Onyourjays-01



450 [18]

Orly

Orly-01

690 [27]

770 [30]

Network Landscapes

Peeps

Peeps-01

880 [35]

750 [30]

Peeps-02

1560 [61]

Peeps-03

2190 [86]

Tope

Tope-01

680 [27]

674 [27]

Tope-02

1700 [67]

Yolo

Yolo-01

642 [25]

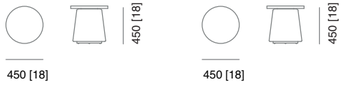
855 [34]

Network Landscapes

Occasional tables

Hep

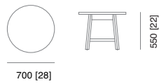
Hep-01



Hep-03

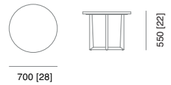
Imo

Imo-01



Joe

Joe-01



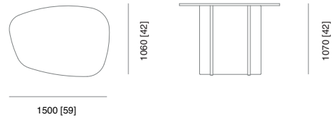
Skeen

Skeen-01

Café tables

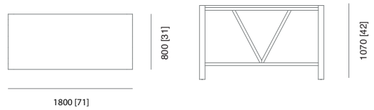
Neato

Neato-01



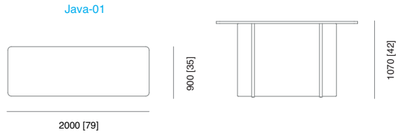
Hench

Hench-01



Java

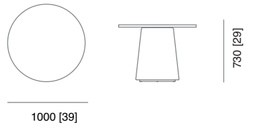
Java-01



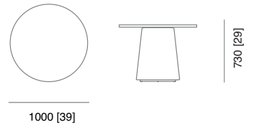
Work tables

Hep Large

Hep-02

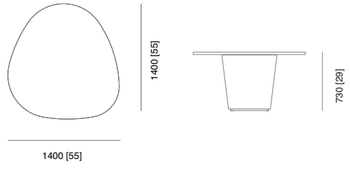


Hep-04

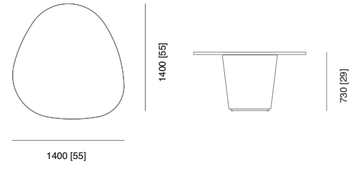


Trill

Trill-01



Trill-02

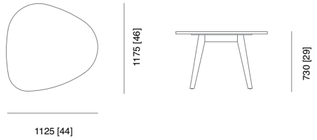


Network Landscapes

Work tables *continued*

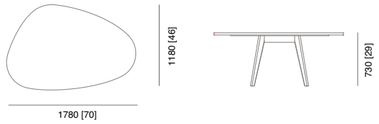
ATM

Atm-01



Nang

Nang-01



Yawl

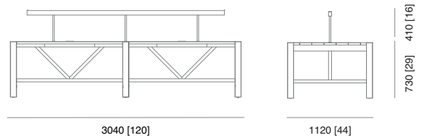
Yawl-01

Network Landscapes

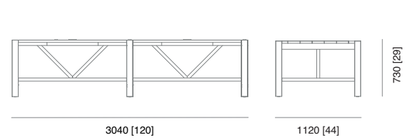
Library tables

Yawl library tables

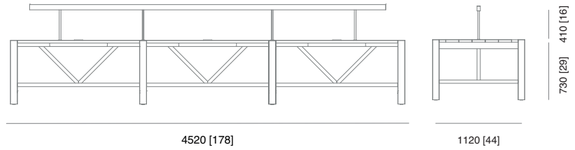
Library-01



Library-02



Library-03



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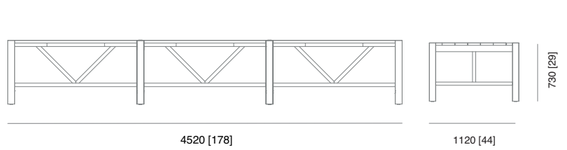
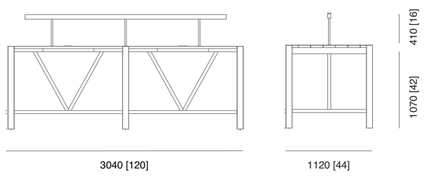
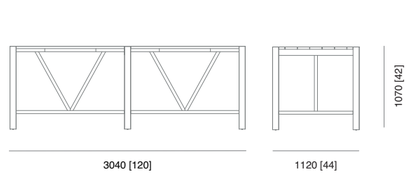


Hench library tables

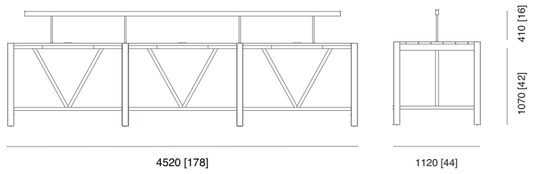
Library-05



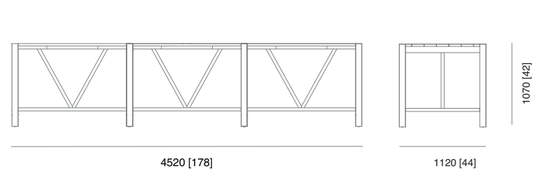
Library-06



Library-07



Library-08



Yawl library table

Smartworking™

Avi

Avi-01 820 [33] 690 [28]

Avi-02 1180 [47] 810 [32]

Avi-03 820 [33] 690 [28]

Avi-04 1180 [47] 810 [32]

790 [31]

880 [35]

Bligh & Fletcher

Bligh-01 400 [16]

Fletcher-01 440 [18] 400 [16]

Bloom

Bloom-S 590 [23] 595 [23]

Bloom-ST 590 [23] 595 [23]

Bloom-WF 935 [37] 590 [23] 595 [23]

Border

Border-01 760 [30] 1200 [47]

Border-02 2400 [95]

Border-03 1070 [42] 1065 [42] 1200 [47] 1065 [42]

Border-04 1200 [47] 1065 [42]

Border-05 1070 [42] 2400 [95] 1065 [42]

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Boundary

Boundary-01 1200 [47] 1200 [47] 1200 [47] 460 [32]

Mid Mounted Back 1200 [47] 1200 [47] 1200 [47] 820 [32]

End Mounted Back 1200 [47] 1200 [47] 1200 [47] 820 [32]

Double Back 1200 [47] 1200 [47] 1200 [47] 820 [32]

Boundary-06 460 [18] 1200 [47] 1200 [47] 460 [32]

Boundary-07 460 [18] 600 [24] 1200 [47] 460 [32]

Boundary-08 300 [12] 1200 [47] 300 [12] 1200 [47] 460 [32]

Boundary-09 300 [12] 1200 [47] 300 [12] 1200 [47] 620 [24]

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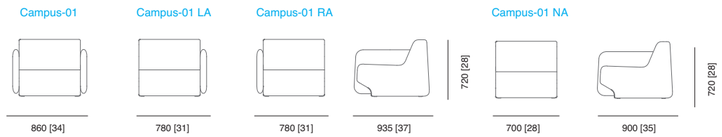
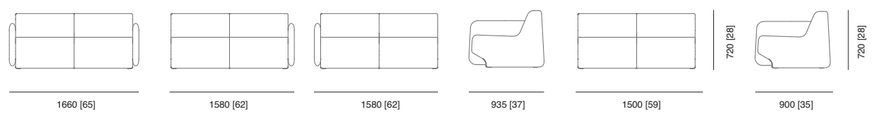
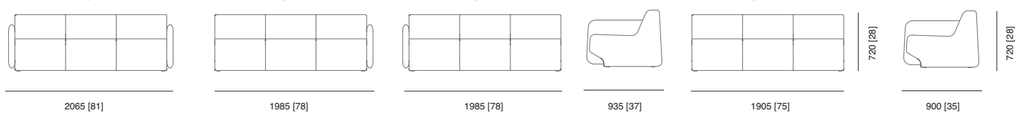
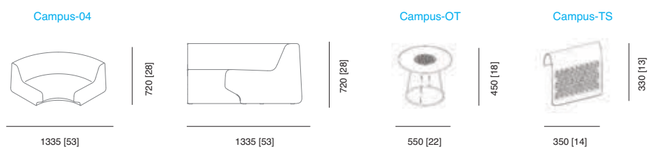
Campus

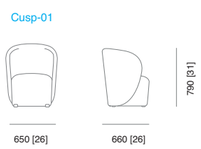

Campus-01
860 [34]
Campus-01 LA
780 [31]
Campus-01 RA
780 [31]
935 [37]
720 [28]
Campus-01 NA
700 [28]
900 [35]
720 [28]


Campus-02
1660 [65]
Campus-02 LA
1580 [62]
Campus-02 RA
1580 [62]
935 [37]
Campus-02 NA
1500 [59]
720 [28]
900 [35]
720 [28]


Campus-03
2065 [81]
Campus-03 LA
1985 [78]
Campus-03 RA
1985 [78]
935 [37]
Campus-03 NA
1905 [75]
720 [28]
900 [35]
720 [28]


Campus-04
1335 [53]
720 [28]
1335 [53]
720 [28]
Campus-OT
550 [22]
450 [18]
Campus-TS
350 [14]
330 [13]

Cusp


Cusp-01
650 [26]
660 [26]
790 [31]

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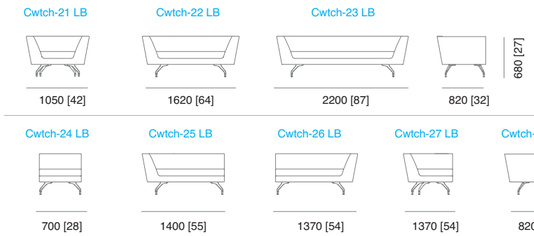
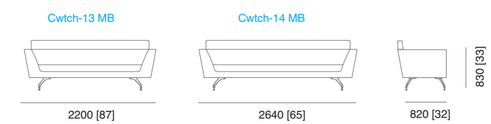
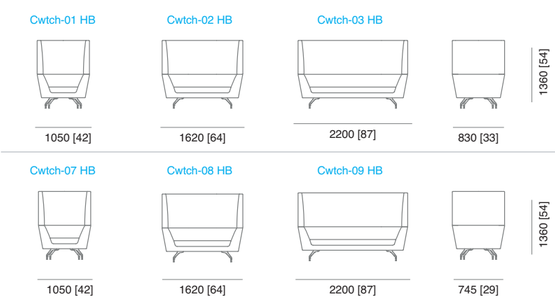
Cwtch low


Cwtch-21 LB
1050 [42]
Cwtch-22 LB
1620 [64]
Cwtch-23 LB
2200 [87]
820 [32]
680 [27]
Cwtch-24 LB
700 [28]
Cwtch-25 LB
1400 [55]
Cwtch-26 LB
1370 [54]
Cwtch-27 LB
1370 [54]
Cwtch-28 LB
820 [32]
680 [27]
Cwtch-31 BE
700 [28]
300 [12]

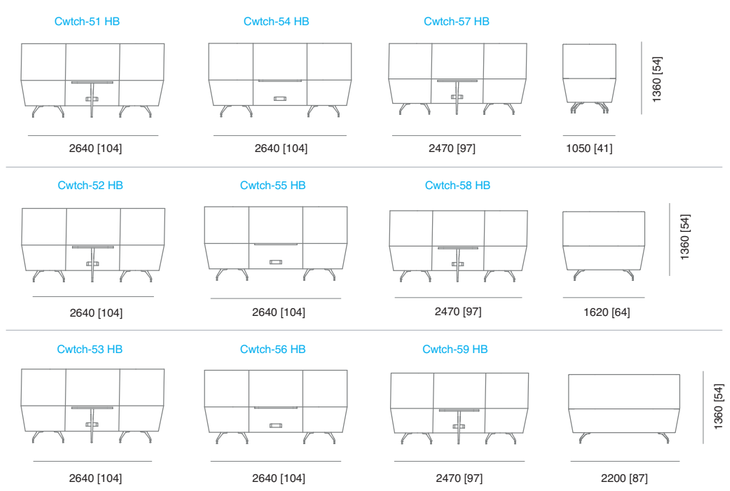
Cwtch midi


Cwtch-13 MB
2200 [87]
Cwtch-14 MB
2640 [65]
820 [32]
830 [33]

Cwtch high


Cwtch-01 HB
1050 [42]
Cwtch-02 HB
1620 [64]
Cwtch-03 HB
2200 [87]
830 [33]
1360 [54]
Cwtch-07 HB
1050 [42]
Cwtch-08 HB
1620 [64]
Cwtch-09 HB
2200 [87]
745 [29]
1360 [54]

Cwtch media


Cwtch-51 HB
2640 [104]
Cwtch-54 HB
2640 [104]
Cwtch-57 HB
2470 [97]
1050 [41]
1360 [54]
Cwtch-52 HB
2640 [104]
Cwtch-55 HB
2640 [104]
Cwtch-58 HB
2470 [97]
1620 [64]
1360 [54]
Cwtch-53 HB
2640 [104]
Cwtch-56 HB
2640 [104]
Cwtch-59 HB
2470 [97]
2200 [87]
1360 [54]

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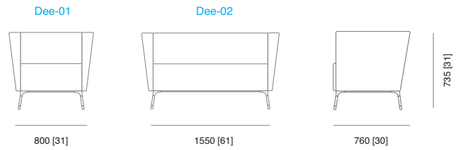
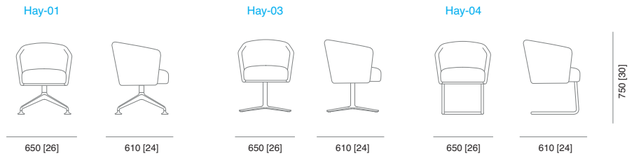
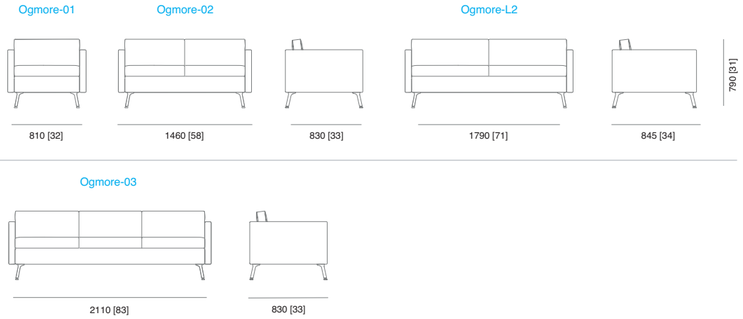
Dee



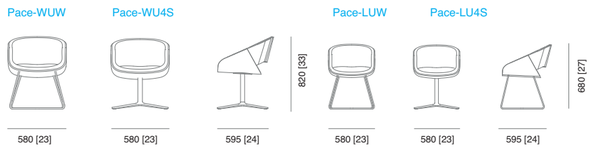
Hay



Ogmore



Pace



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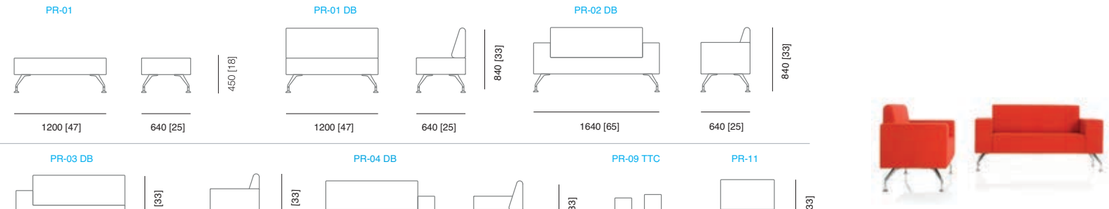
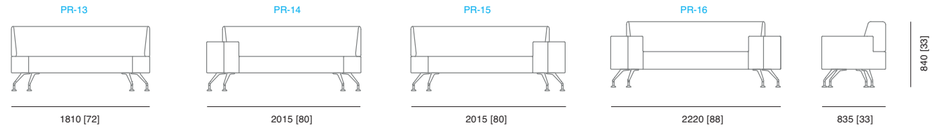
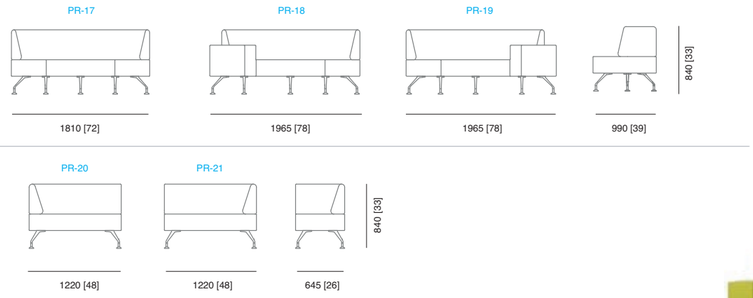
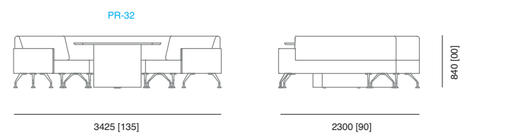
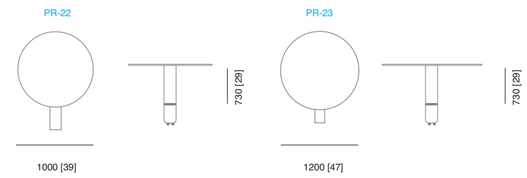
Perimeter low











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Perimeter high

PR-25 HB

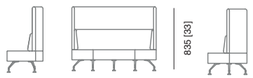
1200 [48]

PR-26 HB

640 [25]

1810 [72]

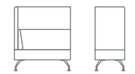
PR-27 HB



765 [30]

1810 [72]

PR-28 HB



835 [33]

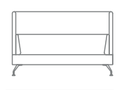
1220 [48]

PR-29 HB

645 [26]

1220 [48]

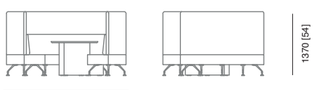
PR-30 HB



2150 [85]

715 [28]

PR-31 HB



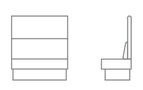
2500 [99]

PR-33 HB

1200 [48]

1200 [48]

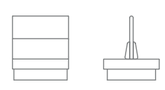
PR-34 HB



1200 [48]

640 [25]

PR-35 HB



1200 [48]

1200 [48]

PR-40 HB

1600 [63]

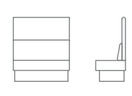
640 [25]

PR-41 HB

1600 [63]

1200 [48]

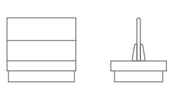
PR-42 HB



1600 [63]

640 [25]

PR-43 HB



1600 [63]

1200 [48]

PR-36

800 [31]

PR-37

800 [31]

PR-38

800 [31]

PR-39

800 [31]

Ramsey

Ramsey-01

590 [23]

650 [26]

Skomer

Skomer-01

660 [26]

650 [26]

Smartworking™

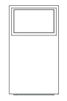
Sully

Sully-01

545 [21]

Reef Media Unit

Reef-01



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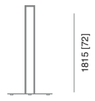

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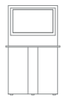

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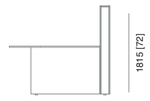

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Reef-05

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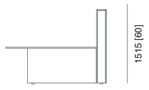

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Stools

Spring

Spring-01

440 [18]

475 [19]

Spring-02

440 [18]

475 [19]

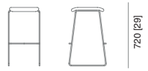
Peak

Peak-01S/U/P

480 [19]

505 [20]

Peak-02S/U/P



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480 [19]

Peak-03S/U/P

420 [17]

480 [19]

Tide

Tide-01

457 [18]

452 [18]

Tide-02

457 [18]

452 [18]

Tide-03

490 [20]

490 [20]

Tide-04

490 [20]

490 [20]

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Tarn

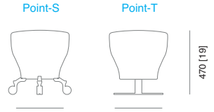
Tarn-01

Dean

Dean-01 Dean-02

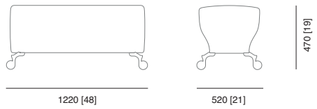
Point

Point-S Point-T



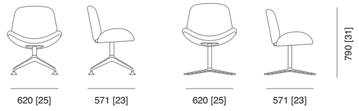
Gate

Gate-01



Track Work

Track Work-01 Track Work-03



Track Lounge

Track Lounge-02 Track Lounge-04

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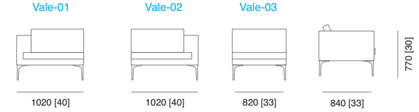
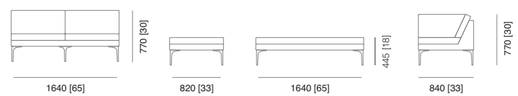
Vale

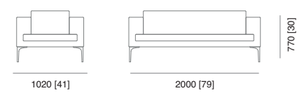
Vale-01 Vale-02 Vale-03



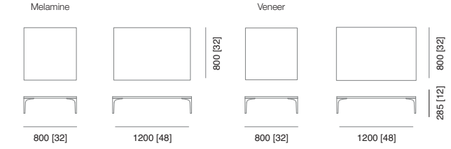
Vale-04 Vale-05 Vale-06 Vale-07



Vale-08 Vale-09



Vale-CT01 Melamine Vale-CT02 Vale-CT04 Veneer Vale-CT05



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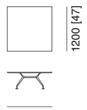
Tables

Lano

LSQ-12



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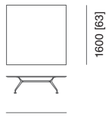
LSQ-14

1400 [55]

LSQ-16



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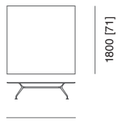

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LSQ-20

2000 [79]

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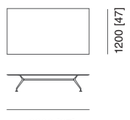

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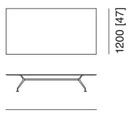

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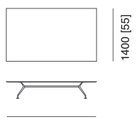

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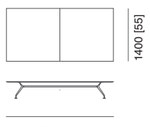

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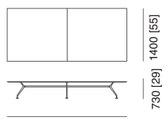
LRC-14-32



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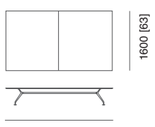

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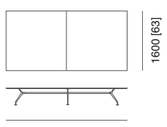

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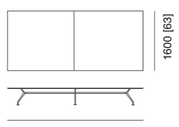

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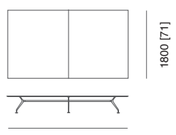

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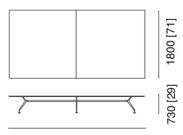

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LRC-14-40

4000 [157]

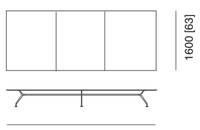
LRC-14-54

5400 [213]

LRC-14-62

6200 [244]

LRC-16-40



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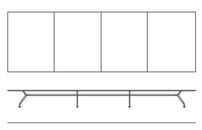

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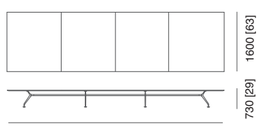

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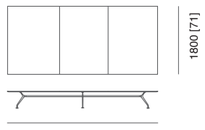

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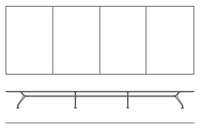

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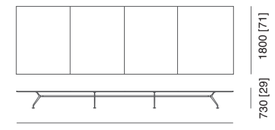

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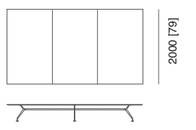

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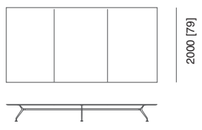

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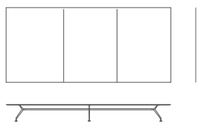

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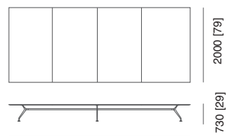

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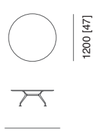
LRD-12



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1400 [55]

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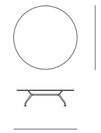

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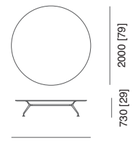
LRD-18

1800 [71]

LRD-20



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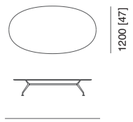

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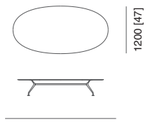

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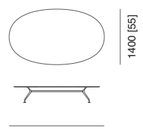

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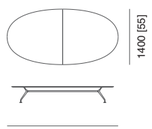

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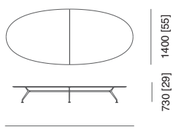

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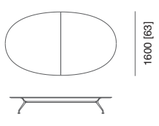

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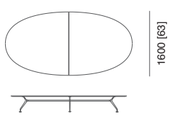

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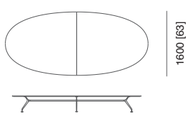

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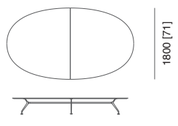
LOV-18-32



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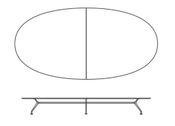

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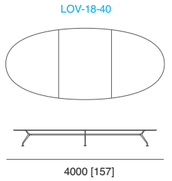

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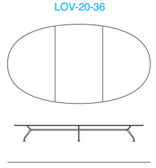

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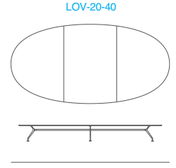

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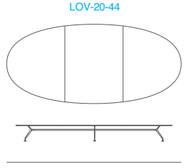

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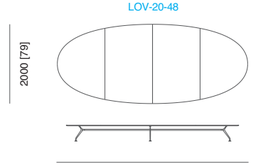

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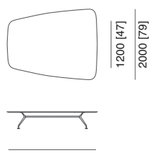

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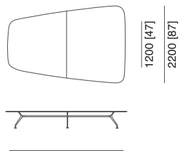

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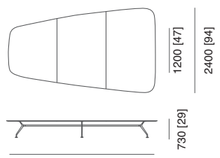

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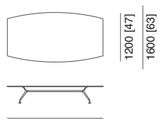

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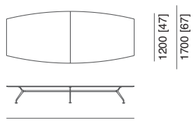

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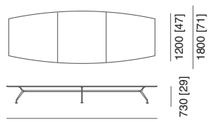

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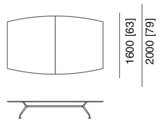

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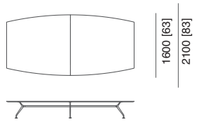

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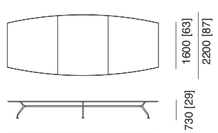

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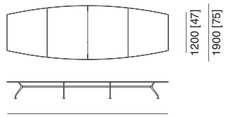

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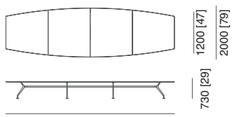

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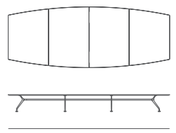

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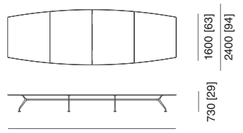

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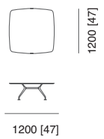

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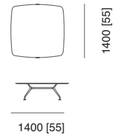

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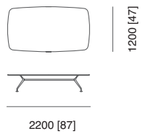

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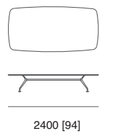

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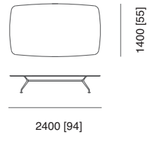

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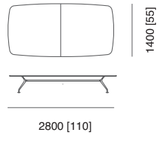

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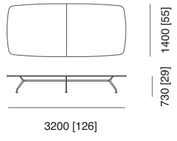

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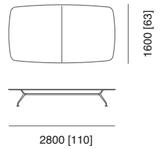

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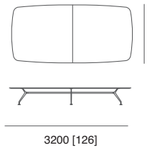

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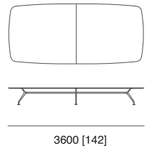

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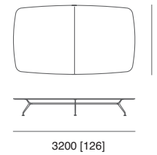

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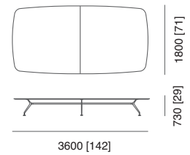

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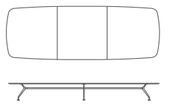

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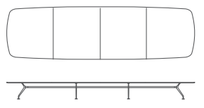

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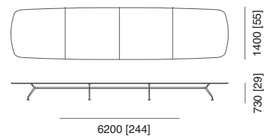

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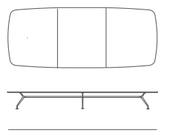

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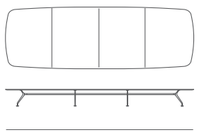

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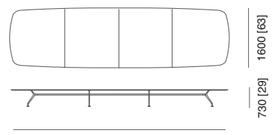

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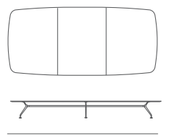

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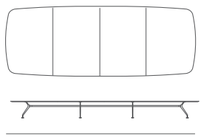

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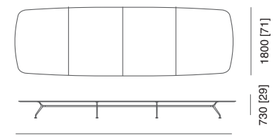

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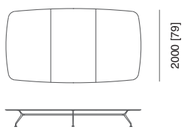

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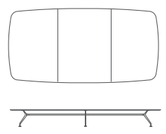

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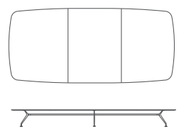

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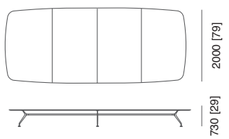

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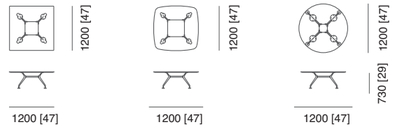

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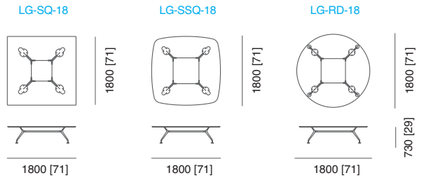
LG-SQ-16 | LG-SSQ-16 | LG-RD-16

LG-SQ-18 | LG-SSQ-18 | LG-RD-18



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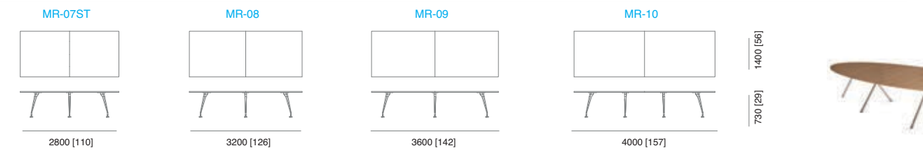
MR-07ST | MR-08 | MR-09 | MR-10



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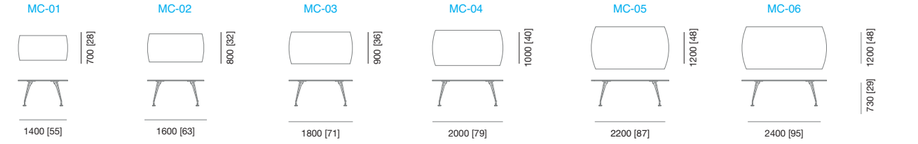

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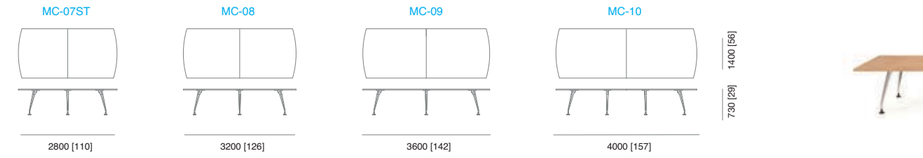

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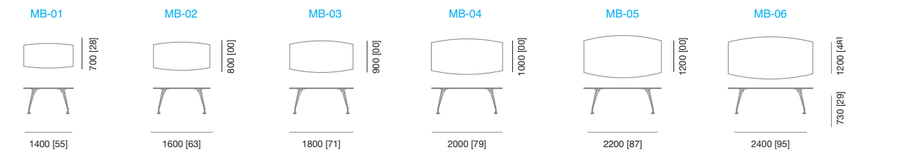

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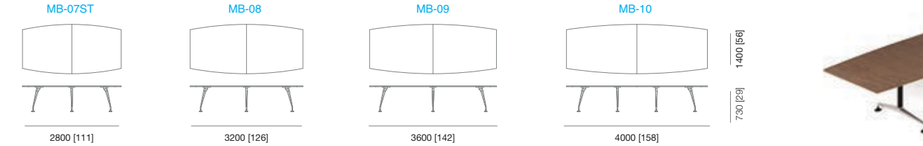

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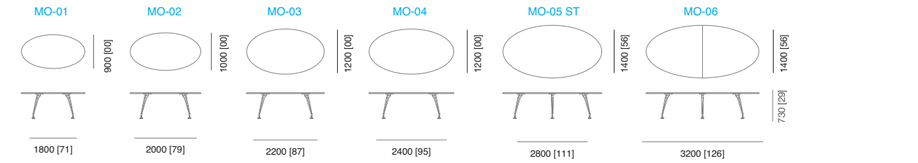

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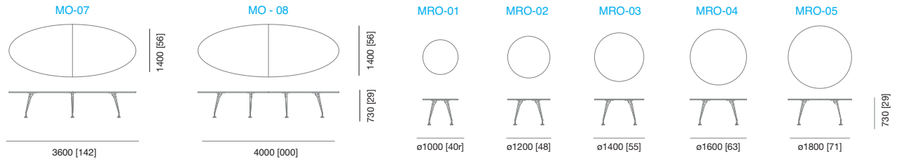

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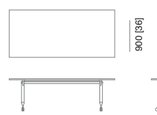

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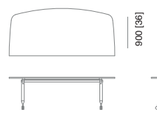

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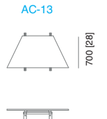

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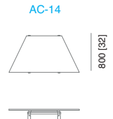

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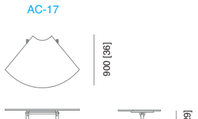

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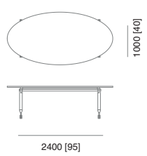

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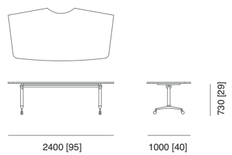

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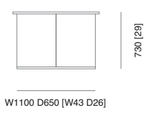

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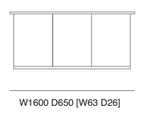

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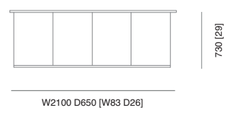

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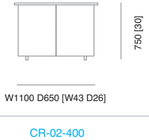

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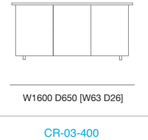

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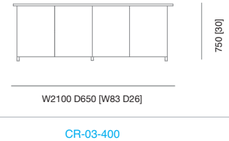

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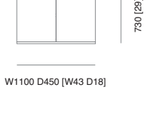

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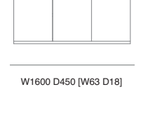

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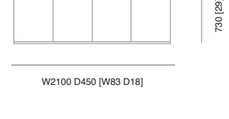

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Occasional tables

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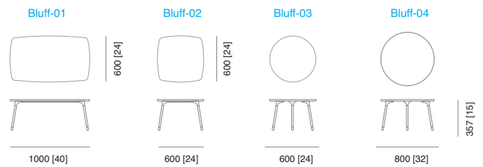

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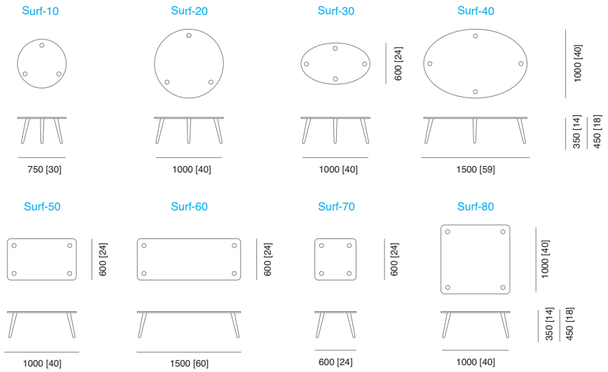

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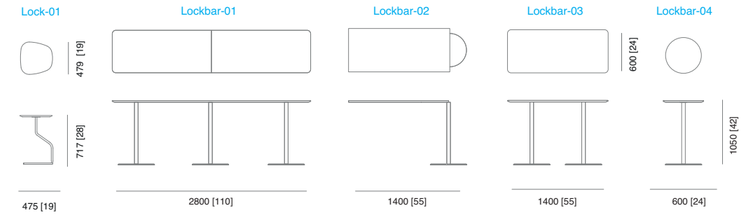

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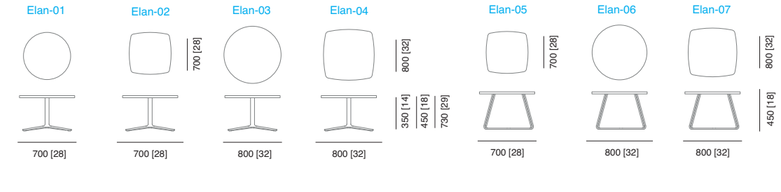

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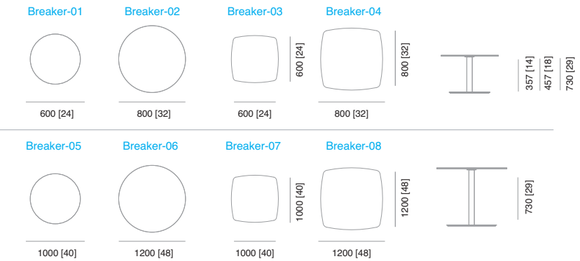

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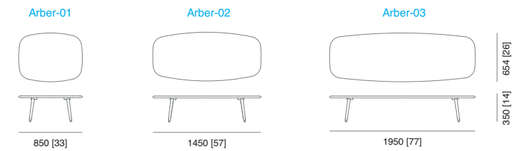

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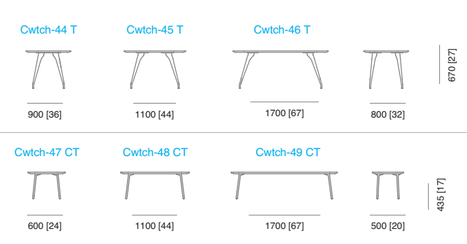

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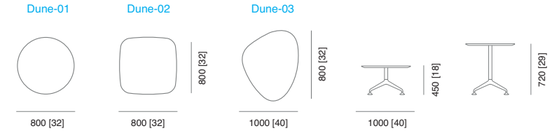

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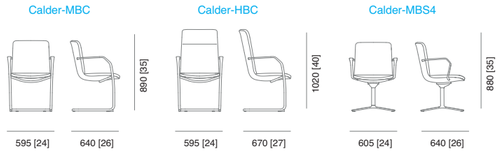
Meeting seating

Calder



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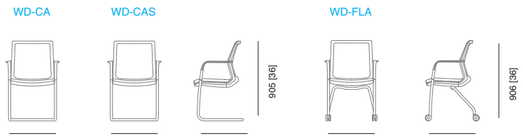

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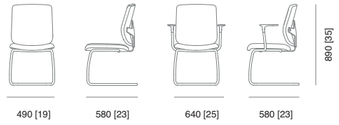

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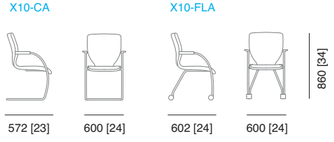

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Meeting seating *continued*

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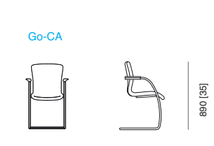

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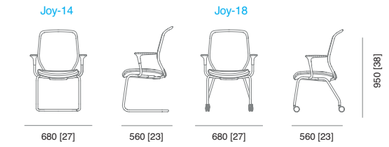
Joy mesh



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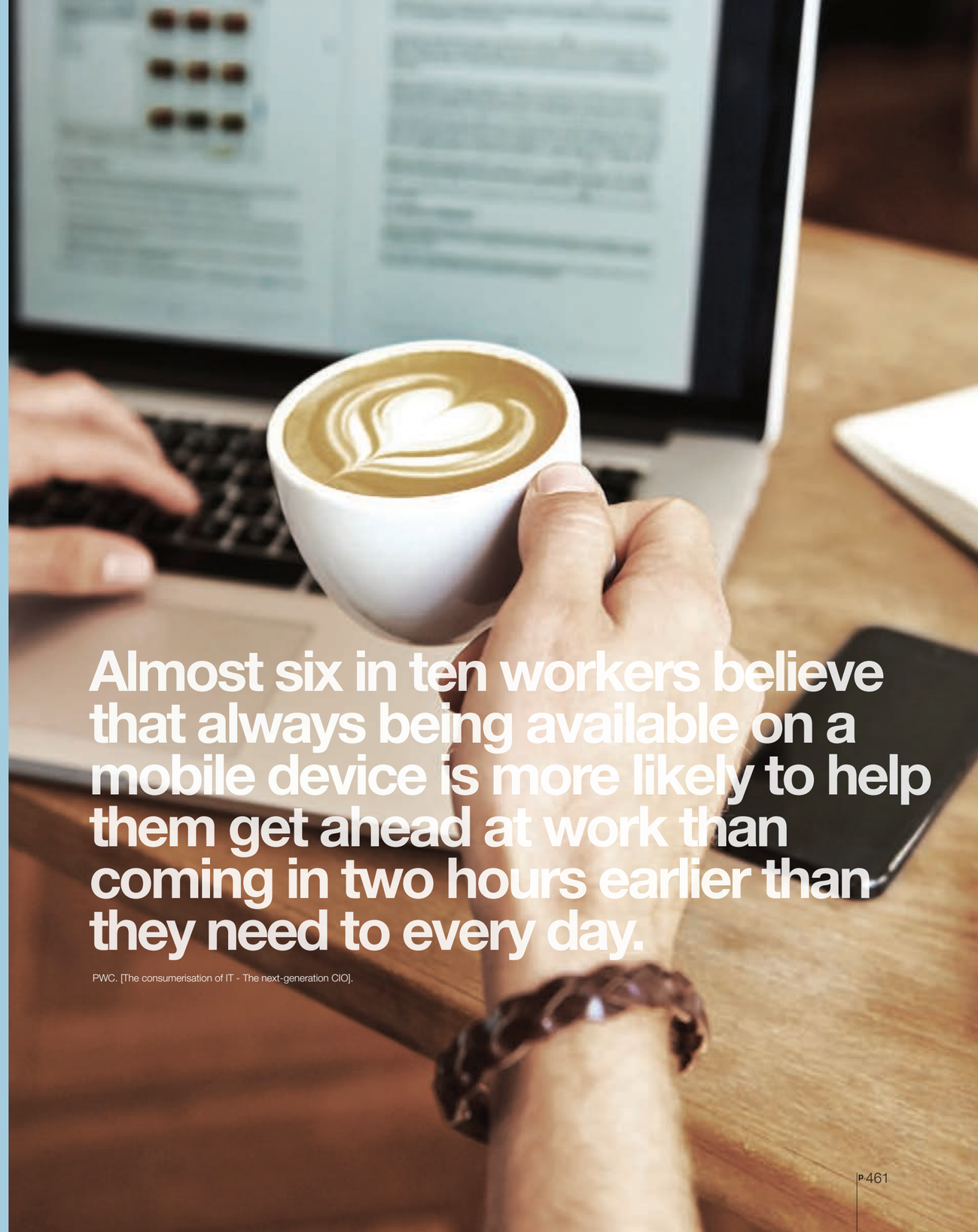

Almost six in ten workers believe that always being available on a mobile device is more likely to help them get ahead at work than coming in two hours earlier than they need to every day.

PWC. [The consumerisation of IT - The next-generation CIO].

Orangebox research and insight no.3
The circular economy.

nb.

The status quo:

Take → Make → Waste

Our current 'linear' economy has been successful in generating wealth for many decades but any system that's dependent upon finite resources simply cannot work in the long term, especially as the number of people needing access to those limited resources also continues to increase year on year. WRAP (Waste and Resources Action Programme) estimates that around **600 million tonnes** of products and materials enter the UK economy each year. From this total more than **80% will be lost into landfill sites**. The way our society currently design, produce, use and dispose of most of our products and packaging is through a linear *cradle to grave* system; what is often referred to as the "Take, Make, Waste" approach to industrial production and consumption.

Beyond a hundred years ago, most products were made from natural materials and were reused or recycled at the end of their useful life. Today, products and packaging make up 71% of all household waste & whilst rates of recycling have tripled over the past decade we also throw away much more as well so there is still much that can be done. Recycling is certainly important but the real need is to look at our systems of use in order to slow the rates of resource depletion and subsequent creation of greenhouse gases that now influence climate change.

nb.

Human impact on climate

The results of our current approach to material and energy consumption go way beyond inefficiency and there are clear signs that our world is warming. We've had markedly higher global average temperatures over the last decade, ice sheets and glaciers are melting and average river water temperatures are increasing.

There is now scientific consensus that the recent observed rise in global temperature can only be explained by the rise in greenhouse gas emissions caused by human activities. Since the industrial revolution, human activity, mostly the burning of fossil fuels, has resulted in the release of large amounts of greenhouse gases into the atmosphere. This is enhancing the greenhouse effect and pushing up global temperatures.

Average global temperatures have already risen approximately one degree Celsius since pre-industrial levels, and even if we could stop emitting all greenhouse gases tomorrow, they would continue to rise by at least a further 0.6 degrees. Limiting temperature rise to below two degrees is the internationally agreed target to avert dangerous climate change but it looks like we're heading far beyond this already.

(take) → (make) ↘ (waste) ↑

nb.

How will the climate change?

While even a two degree rise in average global temperatures doesn't sound very dangerous, the effects will be stark. The present one degree rise has already shown severe impacts for our polar regions and small island states. The Arctic is warming at about twice the global average and sea ice in the region has declined dramatically over the past 30 years. Antarctica is now losing around 190 billion tonnes of ice a year with sea levels rising as a consequence, many island states are already being threatened. The lack of a reflective ice shield will also result in even faster warming (and acidification) of the seas, and further acceleration of global climate change.

Impacts of further warming of four degrees or more are likely to include significant reductions in food production in some regions, hundreds of millions of people without enough water, mass species extinctions and sea levels rising by several metres.

nb.

The Circular Economy

It's becoming increasingly obvious that we need to adopt a new approach that looks to utilise materials and energy in a different & truly sustainable way, working within our planetary boundaries rather than ignoring them.

The Circular Economy is a model that aims to support a more resilient global economy. It's a term which describes an alternative to a traditional linear system that by design, helps us to keep resources in use for as long as possible and has the ultimate aim of eliminating the idea of 'end of life' completely. The important difference from what we're doing now is in decoupling economic growth from the resource constraints of only having one world's worth of resources to draw upon.

So the Circular Economy describes an arrangement much closer to nature's own rules, where a true 'systems' approach exists & where material flows are exactly that; circular.

This involves us all taking a new perspective on both product & process; re-organising how we do business and re-thinking how we design materials & energy into the products we all use.

continued...

nb.

Why it should be imperative to business?

Depending upon your point of view, many might argue that businesses have an inherent moral & social obligation to nurture the environment within which they operate anyway. But from a pure business perspective, there are a number of global trends that are driving our shift toward a more circular approach:

→ **Material scarcity** as resources deplete will make prices rise and availability of what we've previously taken for granted, increasingly unpredictable. Most manufacturing companies commit somewhere around 40%-50% of their total spend on materials making this issue an inherently important one.

→ **Demand is increasing** as billions more people from the world's emerging economies head out of poverty and towards middle-class. More consumers = more material consumed.

→ **Urbanisation** is also on the rise as more people chose to live in cities; this makes it more cost effective to get materials back for re-use.

→ **New values** of 'usage' over 'ownership' are emerging as new business models and customer behaviours both drive a shift away from traditional consumerism. Those businesses that embrace these new values are likely to benefit.

What this means for Orangebox

Our company has been on a journey toward increasing resource efficiency for many years. We've done this by using tools like ISO 14001 to help us identify & understand our biggest environmental impacts and working hard to reduce them. We also embedded a number of eco-design strategies into our in-house development process, we no longer view this as anything special of course, this is now just part of our design DNA.

Designing our products for a circular economy

→ **Design for resilience –** the lowest impact comes from the longest life so make it once and make it well.

→ **Stringent testing** (both in-house & via official accreditation) to validate performance resilience over time.

→ **Reducing product complexity** by reducing part count wherever possible.

→ **Material selection –** wherever possible, utilising materials that facilitate effective recycling and maximising the amount of recycled material content.

→ **Dematerialisation –** achieving the same or greater added value from less physical 'stuff'.

→ **Design for service & refurbishment –** making our products easy to service in the field with little or no skilled labour or specialist tools.

→ **Design for disassembly –** making it quick and easy to take a product apart and to separate the materials into discrete groups.

→ **Design for recycling –** ensuring materials can be effectively separated for recycling by avoiding the use of over-moulded assemblies.

→ **Reducing the variety of materials** in each product; to make EOL material separation and recycling simpler.

→ **Designing in material identifiers –** on cast and moulded parts to make EOL material separation and recycling simpler.

→ **Transportation –** consideration in the design for minimising the shipping volume & minimising the amount of packaging required.

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ISO 14001

Developing our business model toward a circular economy.

Zooming back out to a society level, it's becoming increasingly clear that carrying on with 'business as usual' isn't going to be enough for a truly sustainable future, given the scale of the challenge we're all facing. So Orangebox has taken the first steps toward assessing a new business model which supports multiple cycles of re-use; remanufacturing.

Remanufacturing differs from recycling or refurbishing as it involves a more comprehensive and thorough approach to restoring a product back to its 'as new' condition and with a warranty to match. It offers a more desirable route than recycling as it retains the value in the materials involved and requires significantly less energy than conversion back to raw materials.

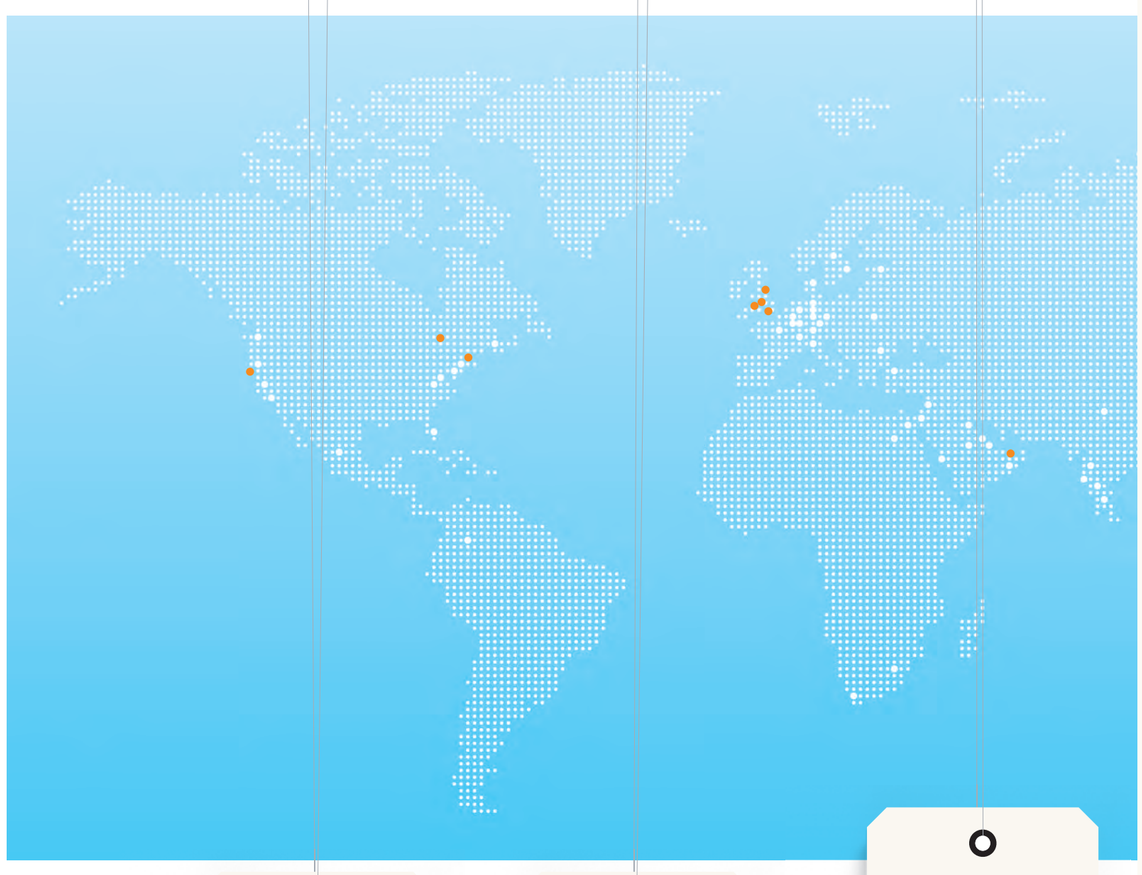
(Studies at the Massachusetts Institute of Technology (MIT) and in Germany found that 85% or more of the original energy and materials are typically preserved in remanufacturing).

For us, the concept of remanufacturing involves us looking at three distinct business challenges:

1. Identifying products that are coming to the end of the first cycle of use; *what are they, where are they & how do we get them back efficiently?*
2. Remanufacturing the used product to an 'as new' condition; *where does this happen, who does it & at what facilities do we need?*
3. Identifying/developing markets for remanufactured products; *branding, pricing & looking at new business model ideas.*

Resilient & sustainable business needs more than just quick wins & impressive sounding jargon so we've been involved in in-depth commercial research to look at the challenges that arise in adopting a new approach. This has involved conversations with our customers, dealers & suppliers as well as running remanufacturing pilot studies to put theory into practice.

(diagram adapted from *Simon Barnes – High Speed Sustainable Manufacturing Institute).*



Seamless service, globally.

orangebox

At Orangebox, we deliver responsive, fully integrated services to customers wherever they are in the world and whatever product they specify. We understand our obligation to the environment and our responsibility to manufacture and supply, as efficient and locally as we can.

Our International growth strategy supports our belief in partnering with great companies with a true global reach creating an effective local network - worldwide.

We manufacture in Europe, Asia, Australia and North America with accredited distribution partners on each continent. Which means our global accounts and local customers can source our products reliably and from any of our locations globally.

North & South America

Seattle
San Francisco
San Diego
Los Angeles
Santa Clara
New Mexico
Bogota
Grand Rapids
Boston
New York
Philadelphia
Washington DC
Baltimore
Halifax Nova Scotia
Miami

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Europe

Parc Nantgarw Wales
Hengoed Wales
Huddersfield England
London England
Wommelgem Belgium
Paris France
Rotterdam Netherlands
Amsterdam Netherlands
Apolda Germany
Stuttgart Germany
Munich Germany
Bern Switzerland
København Denmark
Tallinn Estonia
Stockholm Sweden
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Bahrain
Qatar
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Dubai
Oman

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India & Asia Pacific

Bangalore, India
Beijing, China
Chennai, India
Hong Kong, China
Hyderabad, India
Jakarta, Indonesia
Kuala Lumpur, Malaysia
New Delhi, India
Pune, India
Shanghai, China
Singapore, Singapore
Tokyo, Japan
Bangkok, Thailand
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Seoul, South Korea
Taipei, Taiwan
Mumbai
Guangzhou
Philippines
Malaysia
Selangor

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Australia & New Zealand

Perth
Melbourne
Sydney
Brisbane
Adelaide

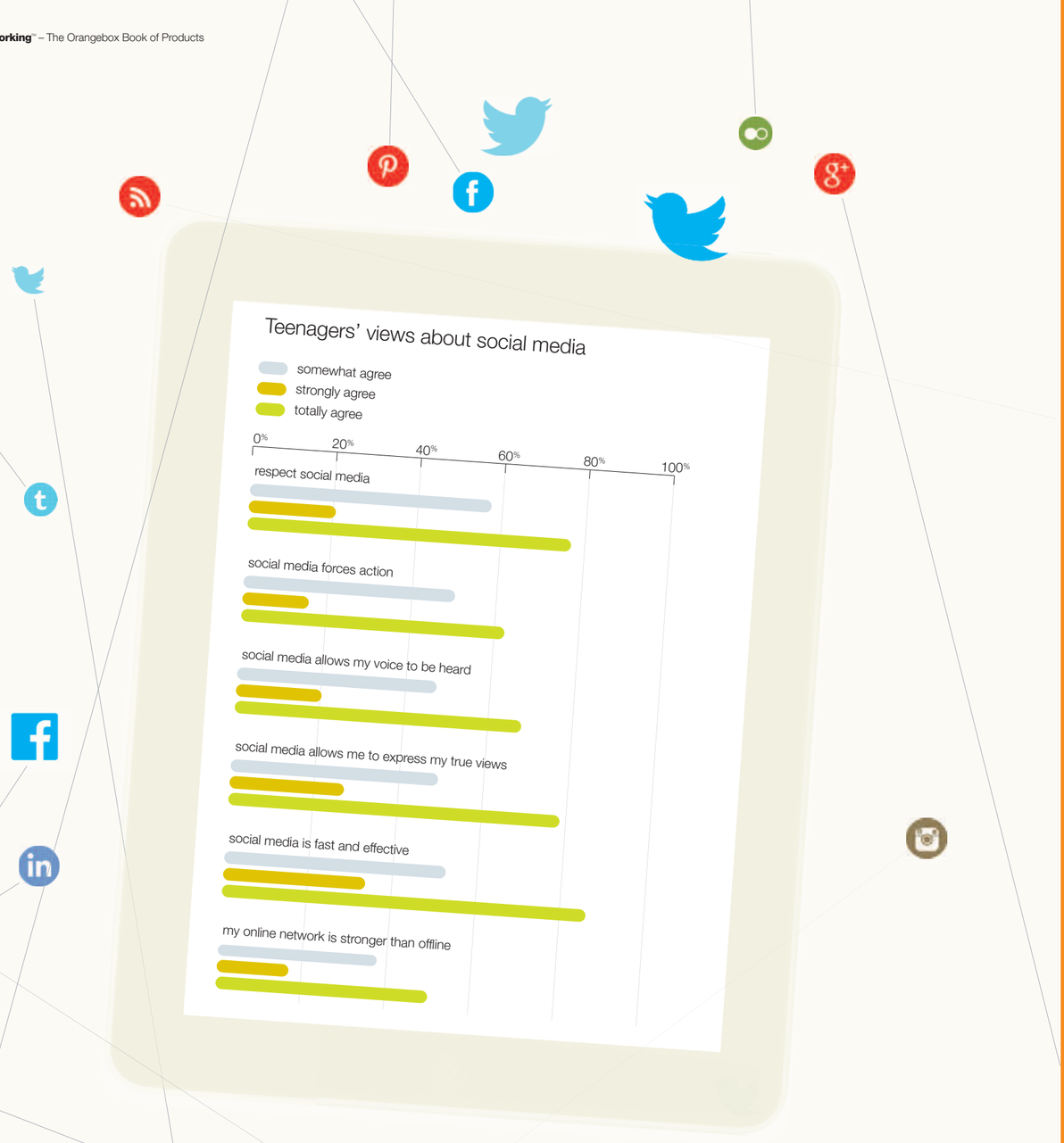
Adelaide Australia
Auckland New Zealand

orangebox

Orangebox owned locations

Orangebox partner manufacturing

Orangebox partner locations



Through research and insight we have tracked the migration away from the predominantly fixed and personal places of work to more open, collaborative and shared spaces, which in recent years have increasingly gained momentum.

This Book of Products sets out Orangebox's portfolio with four distinct and complimentary product categories.

Why Build Walls?®
Away from the Desk
Network Landscapes
Smartworking™

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Why Build Walls?®
Away from the Desk
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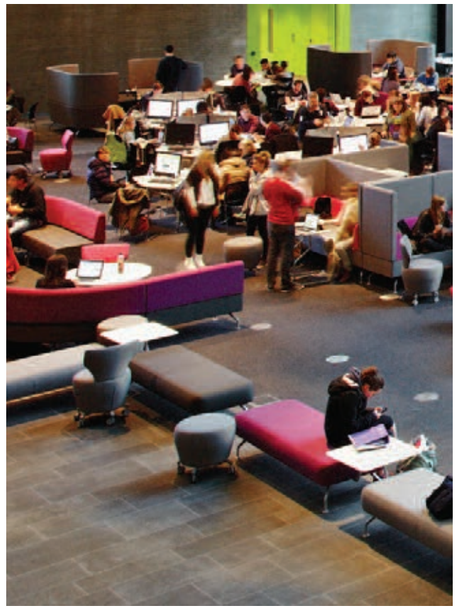
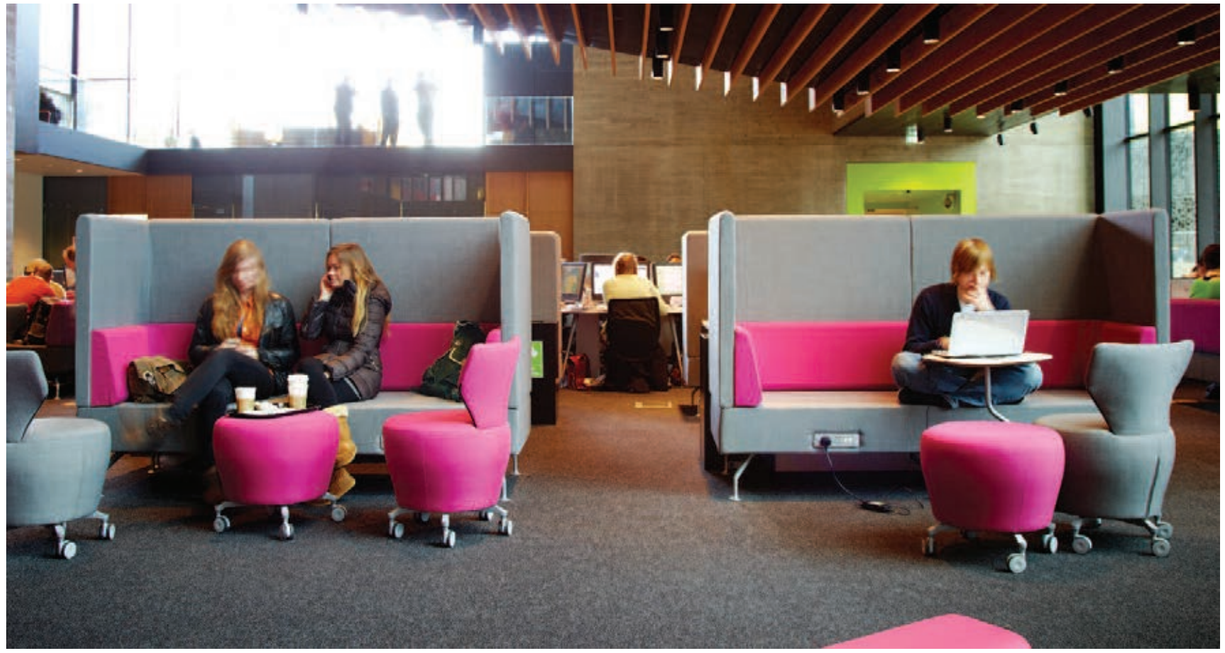
Each focus on what we believe are essential parts of a complete programme of product solutions or typologies, required to answer the challenges and realise the potential of our new collaborative spaces of work...

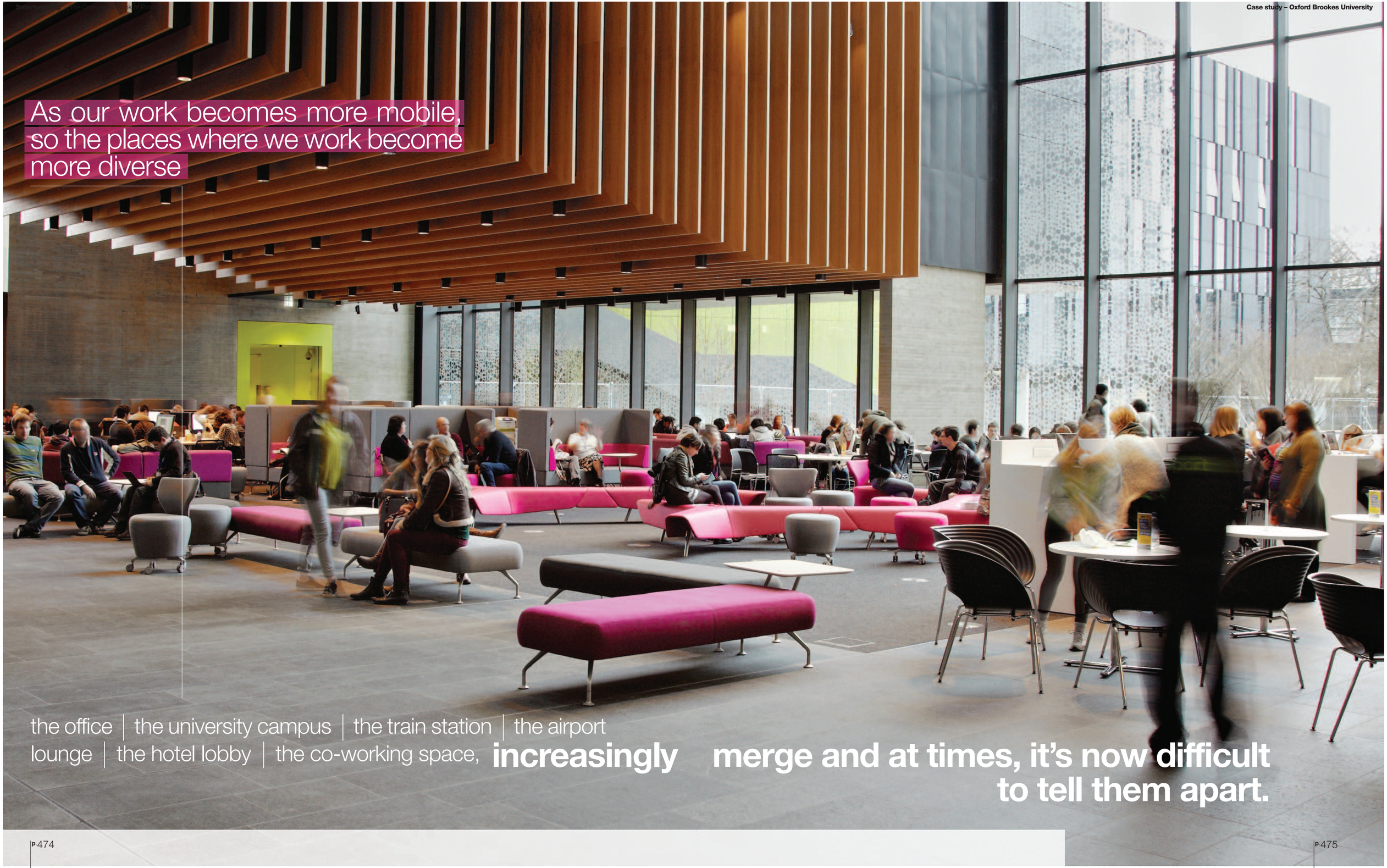
wherever they may be.

The dynamism of this collaborative university campus is testament to the energy and potential of these new spaces, where the client, designers and furniture dealer have combined diverse Orangebox products to create a coherent and energetic environment.

Where fluid group working and personal concentration, become happy companions, within the coherent and stimulating whole.






As our work becomes more mobile, so the places where we work become more diverse
the office | the university campus | the train station | the airport lounge | the hotel lobby | the co-working space, increasingly merge and at times, it's now difficult to tell them apart.

As Douglas Coupland observed in a recent *Financial Times Magazine* article – describing his encounter with new hotel environments. It seems to us that he could have just as easily been describing the dynamics of the student and teacher interactions, within this great and obviously successful university facility.

I stayed in two uber-trendy hotels, one in Berlin, one in London. What sticks out from both is their lobbies, restaurants and coffee areas: every single chair, every flat surface had been colonised by 28$^{1/2}$ year-olds gazing into their laptops, buds in their ears and a phone or slate to the side.

I saw this as a gentlemen's club in 1900. This is just the 21st-century version, except that this one contains women and some sense of limitlessness. They could have been upstairs in their rooms with their laptops doing what they were doing, except they choose to be downstairs among their own kind, finding warmth in numbers".

Douglas Coupland

"I want to be fiercely independent when I want to be, but also part of a larger community when it's active and social."

Millennials have caused us to change everything we do, but when we talk about Millennials, we don't just talk about young people. Digital technology crosses all generations and allows us to be more spontaneous, because we're personalising and customising the experience. That's what people want... to work alone or with 200 other people.

This isn't just about Millennials or Gen X'ers. You ll see Boomers in their 50s here because they respond to the attitude and personality. We expect that to be very much a thing.

This project for Oxford Brooks University was designed by Design Engine and facilitated by Broadstock.

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CREATING GREAT COLLABORATIVE WORKSPACE

Thank you to:
The attendees of the Orangebox 'Mobile Generations' Workshops and to all the clients, designers, specifiers and dealers who generously contributed case study photography and the many client organisations who allowed photography of their new and innovative workplaces.

'Say hello to your new work colleagues'

The quotations used throughout this publication are from individuals who attended Orangebox's 'Mobile Generations' insight workshops and the diverse reports and organisations sourced within that report. Some of the info graphics material is additionally sourced from reports by: *Bersin by Deloitte*, *Bloomberg*, *Cisco*, *Deloitte*, *The Economist*, *Forbes*, *Forrester*, *Gartner*, *The Guardian*, *Neilson*, *NY Times*, *Techcrunch*, *Virgin Media*, *Wired*, *WSJ*.

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37% of the global workforce projected to be 'mobile' by 2015.

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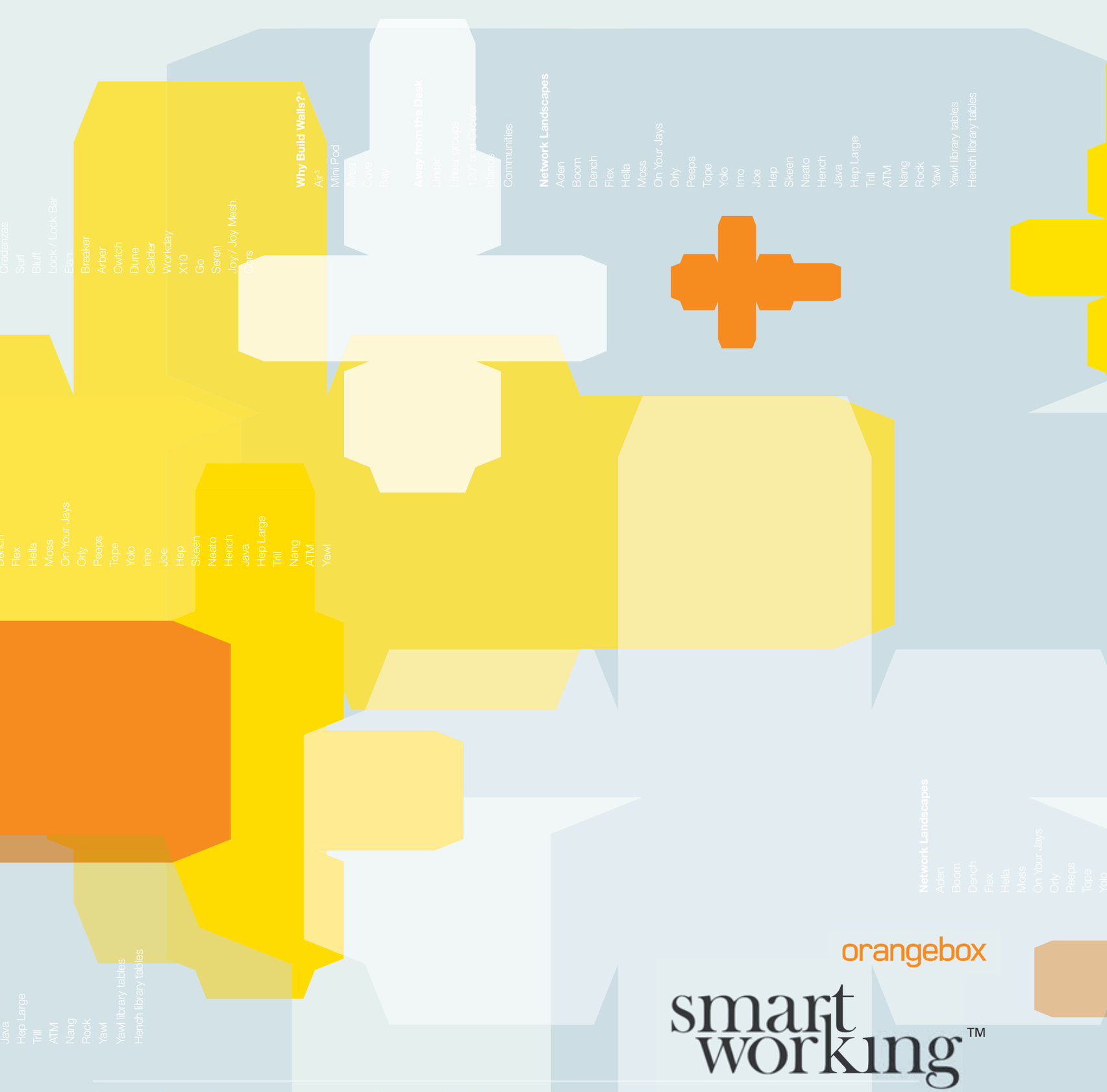

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