RoomWizard II™ Firmware 4.6.1.0 Release Notes

February 22, 2017

Overview

This document describes updates for the RoomWizard II Firmware version 4.6.1.0, available for RoomWIzard II only.

The firmware is available through the RoomWizard Administrative Console 1.3.

Download for the RWAC 1.3 is available at:
 http://techsupport.steelcase.com

How to Update documentation for the RoomWizard is available online at:
http://techsupport.steelcase.com

Features and Changes from Firmware 4.5

Functional Changes:

Feature	Description
Upgrade Progress Reporting	When a device is upgraded, the front panel will show the upgrade's progress.
Add visual cues to all buttons	All buttons on front panel and keyboard will show shaded indicator confirming button has been pressed and registered by touch panel
Updated default hostname of RoomWizard	From 'rwtwenty' to 'rw-XXX'
Remove unused Japanese font from RoomWizard	Backend Improvement
Change Poll interval	Updated time options for configuration
Added SMNP Support	Backend Improvement
Added Immediate Use Now Functionality	Impromptu at location meeting reservations will immediately change LEDs to Red and book room
Preserved logs	Moved logs to non-volatile partition in SD card
Added partition cleanup script execution during boot-up	Backend Improvement
Enhanced log cleanup mechanism	Backend Improvement
Added hardware watchdog to detect freeze condition	A watchdog timer is a piece of hardware that can be used to automatically detect software anomalies and reset the processor if any occur
Log collection upon watchdog error	Backend Improvement
SFTP is enabled as default configuration	Backend Improvement

Security Changes:

- Added changes to address Poodle security vulnerability.
- Added changes to address Logjam security vunerability
- Addressed security issues found by AMP(7)- ClickJacking
- Addressed glibc vulnerabilities (CVE-2015-0235 & CVE-2015-7547)
- Added changes to address Cross Site Request Forgery by adding security tokens in admin pages
- Updated Push connector and RoomWizard changes to address Archibus API security concerns
- Added SFTP support and updated backup, restore and schedule usage scripts to all URLs with SFTP
- Added logout functionality
- Added password encryption
- Added TLS 1.2 support by upgrading java version from java 1.6 to java 1.8
- Addressed file upload vulnerabilities
- Addressed other miscellaneous security risks as identified by independent third-party security audit.

Bug Fixes:

- Addressed bug where text overflows onto timeline
- Addressed bug where whenever a reboot was required, webpage returned to network setting
- Cleaned up minor issues on network settings screen
- Addressed issues that occasionally occurred after IP address is changed
- Improved boot time of RoomWizard devices
- Cleaned up minor grammatical errors
- Addressed front panel time discrepancy with Linux O/S time
- Miscellaneous button inconsistency issues
- Adjust Settings for java 1.8 configuration to avoid excessive memory usage
- Meeting details froze when using some Asian fonts
- Upgrade existing null mailer 1.0.5 to version 1.13.
- String wrong in French on Attention screen.
- First name field is cleared when last name field selected on RW front panel.
- When wrong connector credentials given on sync page and save on all is clicked, no error message is shown.
- Start/Adjust defect.
- Wrong authentication mode set on sync page.
- Host name if too large distort front panel UI on Network settings page.
- Add mechanism to move all logs to backup partition before reboot and also have partition check for memory usage.
- Recurring meeting created to occur every day for more than 2 days not visible on timeline of room home page or reservation page of RW.

- Front panel UI is distorted by clicking end button and then adjust button.
- Network settings page not shown on device front panel.
- RWAC Support - update RW soap API response.
- RWAC Support – Add scripts on RW to update configuration from RWAC
- RWAC Support - update RW soap API response.
- Not able to book use now meeting from web UI front panel when room is password protected.
- Incorrect message when restore to factory operation performed.
- Room Wizard Time on FW 4.6.0.5 SVN 4074 set to Greenwich Mean Time after upgrade.
- Device->logo page is corrupted in 4.6.0.5.4112 build.
- If we open the backup- restore page we get this error: Unparseable date: "$(find $permpartition/lastbackupfile -printf '%Td/%Tm/%TY %TT\n')"".
- Script Error reported when accessing RW via RWAC.
- Get time from server works only the first time it is configured.
- RWAC script Error when language is selected on Device->language page.
- Back button do not redirect to any page with 4.6 firmware.
- Issue with "Allow reservations up to" functionality on Room->Availability page.
- The string "/sign/GroupMembers?" Is shown in URL field of group->members page
- Factory rebuild functionality is not working when it initiate from RWAC.
- Facilities if too long (255 characters) is shown in a single line on room home page
- Meeting deleted from Exchange server still shown on RW.
- Admin page UI distorted due to Logout string in Spanish.
- Regression4.6-Click sound observed twice when IP button is clicked on Roomwizard setup screen of device front panel.
- Regression4.6-Push configuration not working for below:
  1. SNMP
  2. Room->services
- Regression-4.6-When language changed from English to Spanish, wrong message is shown.
- Regression4.6-/sign/GroupMembers? Sometimes shown on Group page in URL field
- Date shown in English on Groupview and Roomhome page in all RW supported languages in 4.6.0.6.
- #127890867: Regression4.6-Minor string error in French language.
- /home/root/log partition getting full on RW with 4.6.0.6
- Changed watchdog log creation script to avoid bulk watchdog logs during continues watchdog trigger condition
- Reduced logging in hsqldbstart, jettystart, admin and end user logs.
- FW 4.6.0.12: Unable to load Webpage message and white screen appears on Front Panel following a Factory Reset if DHCP Services are unavailable.
- Preserve root password after upgrade
- Turn off atime flag in Linux kernel

Technical Support

If you have questions or difficulties with the installation, please call Steelcase Technical Support.

In the Americas, contact Steelcase USA Technical Support:
 • Phone: 1.888.783.3522 Support available in English and Spanish
Monday through Friday technical support
 • Email: techsupport@steelcase.com

In EMEA, contact Steelcase Europe
• Phone: 00800 2000 4000 - DACH,France, Benelux, UK & Ireland
  • +49 8031 405-111 - All Other EMEA Countries
 Monday through Friday, 8:00 to 17:00 Central European Time
 • Email: lineone-en@steelcase.com (English)
         lineone-da@steelcase.com (German)
         lineone-fr@steelcase.com (French)

In APAC, contact Steelcase Asia Pacific
• Phone: +60 3 2027 6161 Support available in English and Mandarin
 Monday through Friday, 8:00 to 17:00 KL Time
 • Email: apac.techsupport@steelcase.com