

RoomWizard II Firmware

4.8.1.0 Release Notes
November 2, 2018

Overview

This document describes updates for the RoomWizard Firmware version 4.8.1.0 available for RoomWizard II only.

The firmware is available through the RoomWizard Administrative Console 1.5. (RWAC)

Download for the RWAC 1.5 is available at:

<http://techsupport.steelcase.com>

How to Update documentation for the RoomWizard is also available online at:

<http://techsupport.steelcase.com>

Features and Changes from Firmware 4.7

Feature	Description
Improved logging	Implemented expanded log and information collection for Connector interactions.
Faster Updates	Changes logic to provide faster Front Panel updates
Status reporting	Connector and general status reported to RWAC and SNMP (if enabled)
Synchronization reporting	Connector configuration information reported to RWAC
Increased PW security	Passwords are now required to pass complexity tests which include the need for a minimum length (8), at least one each: Special Character, Uppercase Letter, Lowercase letter, and Numeric character.
Improved memory management	Fixed a memory leak which could cause device to reboot after several days of heavy use.

Limitations and backwards compatibility considerations when moving to 4.8

Feature	Description
Use of root PW in place of Admin PW	As a security consideration, the root PW can no longer be used in places where the Admin PW is expected.
Group Functionality	In the case of 4.7 devices which have 4.8 device(s) in their group, then 4.8 devices will not serve any "Save on All" request from the 4.7 device.
Push Config	Push Configuration from a 4.8 device to a 4.7 device will not work due to PW handling difference. Push from 4.7 to 4.8 will work as expected.
Backup/Restore	Applying backup from a 4.8 device to a 4.7 device will not work due to multiple configuration differences. Applying backup from 4.7 to 4.8 will work as expected.
Downgrade	Admin page does not allow downgrade operations from 4.8 to 4.7 when the "Preserve Data and Network Settings" flag is enabled. In case where a downgrade is performed from 4.8 to 4.7 (or lower) password functionality will be affected and passwords will need to be reset by the User.
Special Character usage in Admin Password	<p>Due to limitations of the Virtual Keyboard in use for data entry on the Physical Front Panel of the RoomWizard, certain special characters will not function correctly when the keyboard is in Chinese or Japanese mode. If the User intended to access the Admin pages or functions of the device via the physical front panel, then certain special characters should be avoided when choosing an Admin Password.</p> <p>For Chinese and Japanese mode use, these characters are ('!', ':', '?'). Additionally, for Chinese keyboard mode only, the following characters are not possible to input and so should also be avoided ('@', '\$', '^').</p>

Security Changes

- More secure Password handling
- Improve and restrict Permissions handling
- Apache Struts version upgrade to 2.5.13 to resolve active CVEs
- Upgrade Linux Kernel
- Upgrade Jetty version
- Disabled USB and removed access to enable it from UI
- TLS 1.2 is enabled as the default

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 8:00AM–8:00 PM EST
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