

VERTIV™

Avocent® Matrix High Performance KVM Switching System

Release Notes for the Switch, Transmitter and Receiver

**VERSION 1.12.00 (TRANSMITTER/RECEIVER, VERSION 1.12.0 (SWITCH))
OCTOBER 20, 2017**

Release Notes Section Outline

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1 Update Instructions

Please refer to your installer/user guide for detailed instructions on updating the Avocent® Matrix High Performance KVM Switching System. All devices (switches, transmitters and receivers) must be upgraded to the current version of firmware. While not required, it is recommended that transmitters and receivers be upgraded first.

Beginning with version 1.4.0, the firmware supports upgrading stand-alone transmitters and receivers. To upgrade a transmitter or receiver from a version prior to 1.4.0, you will need a Matrix switch.

NOTE: For cascade redundancy, static IPv4 address assignment for the switches is recommended, particularly for operation when using a peer switch as backup cascade controller, and for supporting external management.

2 Local Client Requirements

SOFTWARE	VERSION
Internet Explorer®	9,10,11 or higher
Firefox	49.0.1, 48.0.2, 32.2.0 or higher
Edge	38.14393.0.0 or higher
Chrome	53.0.2785, 41.0.2272 or higher

NOTE: Terminal emulation software should be running 9600 bits per second, 8 bits, 1 stop bit, no parity and no flow control.

3 Issues Addressed

The following updates were made in this release:

- Branding is now changed to Vertiv™.
- Issues with transmitter hang ups are corrected.
- Performance for the Users tab within the On-board Web Interface (OBWI) is now improved.
- A device name filter text box has been added to the device list displayed in the Devices tab (in the OBWI).
- In the OBWI Dashboard tab, selecting an event previously caused the OBWI to crash within 10-20 seconds. This issue is fixed.
- RAP licensing functionality has been removed from the Matrix firmware and is now enabled by default.
- The number of unmanaged cascaded switches supported is now expanded to 48.
- A new debugcontrol internal command is added that invokes a debug control menu to provide the user with control over enabling/disabling event log control debug settings for the Matrix switch.
- The REST API and full “OBWI-when-managed” access are now opened up on the console interface. These features can now be enabled or disabled from the new debug control menu.
- A receiver filter is now added to the dashboard sessions list.

4 Known Issues

NOTE: Vertiv does interoperability testing with various equipment (USB devices, monitors and video cards). If you find a device does not work properly, contact Technical Support.

- USB video does not work.
- Cascaded slave IP addresses are correct, but all other IP settings are incomplete or incorrect in the master OBWI.
- IPv6 cascading requires the slave IPv4 settings set to DHCP and there may be no V4 DHCP server available.
- USB devices attached after a connection is established to a target do not show up in the On-screen Display (OSD) USB device list until a new connection is made.
- When switching between Extended mode and Switched mode, the OSD continues to show the previous mode unless it is dismissed.
- If an auto connect target is changed while a receiver is connected, the receiver must be rebooted to connect to the new target.
- If a mapped device is plugged into an external hub, no non-mapped devices should be plugged into the same hub.
- If changing from a managed system to an unmanaged system with a peer switch (backup master), you need to unlink the peer switch before changing the master to unmanaged.

5 Compatibility Matrix

SWITCH	RECEIVER	TRANSMITTER	MANAGER
1.2.2	1.2.2	1.2.2	N/A
1.2.3	1.2.2	1.2.2	1.0.15
1.2.4	1.2.3	1.2.2	1.0.31
1.2.6	1.2.3	1.2.2	1.0.31
1.4.0	1.4.0	1.4.0	1.0.36
1.6.2	1.6.2	1.6.2	1.6.5
1.8.2	1.8.0	1.8.0	1.8.10
1.8.8	1.8.2	1.8.1	1.8.15
1.10.1	1.10.01	1.10.01	1.8.15
1.12.0	1.12.0	1.12.0	1.8.15 and higher

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