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# Avocent® Matrix High Performance KVM Switching System

## Release Notes

### Version 1.8.8

### December 17, 2015

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This document outlines:

1. Update Instructions
2. Local Client Requirements
3. Issues Addressed
4. Known Issues
5. Compatibility Matrix

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## 1. Update Instructions

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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.

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## 2. Local Client Requirements

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Software	Version	Notes
Internet Explorer®	9,10,11	None at this time.
Firefox	17 ESR, 24 ESR	None at this time.
Edge	20.10240.16384.0	None at this time.
Chrome	46.0.2490.86 m	None at this time.
Terminal emulation software	N/A	Should be running 9600 bits per second, 8 bits, 1 stop bit, no parity and no flow control

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## 3. Issues Addressed

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### Support Issues Addressed in this Release

- Correct various issues that were causing lost ports.
  - Fixed problems with discovering switches and devices in the system.
  - Stabilized how switch code is brought up after reset, code upgrade, failover or a power failure.
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- Changed memory map to fix a kernel fault.
- Changed Diffie-Hellman encryption to make it compatible with newer versions of browsers.

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#### 4. Known Issues

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Avocent does interoperability testing with various equipment (USB devices, monitors and video cards). If you find a device that 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 On-board Web Interface (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.

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#### 5. Compatibility Matrix

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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

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