

Avocent® MergePoint Unity™ 2 for Dell



Quick Installation Guide

The following instructions will help you install your Avocent MergePoint Unity 2 KVM over IP and serial console switch for Dell. The figures included in this guide contain number callouts that are associated with the numbered procedural step, if applicable.

For rack mounting instructions, refer to the Vertiv™ KVM Switch - Rack Mount for Dell Quick Installation Guide available at <https://www.vertiv.com/en-us/support/avocent-support-dell/>.

NOTE: All Vertiv™ Avocent® DMPUIQ modules can be used with your switch.

1. Connecting the local port

Plug your VGA monitor and USB keyboard and mouse cables into the appropriately labeled Avocent MergePoint Unity 2 switch ports.

2. Connecting an IQ module to the switch

Plug one end of a user-supplied CAT5 cable (4-pair, up to 150 ft/45 m) into a numbered port on the switch. Plug the other end into an RJ45 connector of an IQ module.

3. Connecting the IQ module to a target device

Plug the IQ module into the appropriate ports on the back of a target device. Repeat this procedure for all target devices you want to connect.

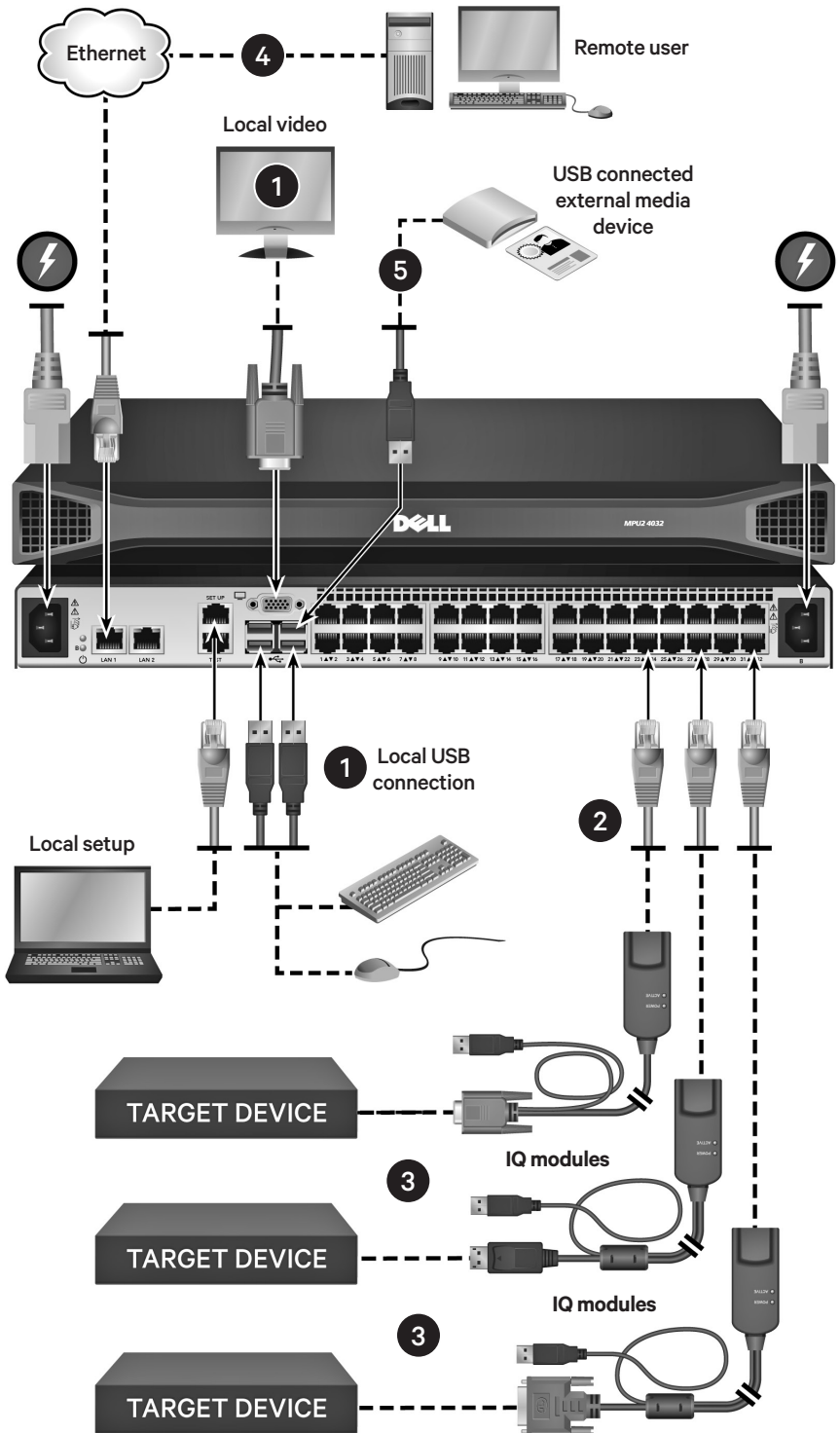
4. Connecting the network and remote users

Plug a user-supplied CAT5 cable from the Ethernet network into a LAN port on the back of the switch. Network users will access the switch through this port.

5. Connecting local virtual media or smart cards (optional)

NOTE: Virtual media and smart card capable IQ modules include the Vertiv™ Avocent® DMPUIQ-VMCHS, -VMCHD and -VMCDP.

Vertiv™ Avocent® MergePoint Unity™ 2 4032 Switch for Dell Shown



Connect virtual media devices or smart card readers to any of the local USB connection ports on the switch.

To open a virtual media session with a target device, the target device must first be connected to the switch using a virtual media capable IQ module.

To map a smart card with a target device, the target device must first be connected to the switch using a smart card capable IQ module.

6. Making a serial or VGA connection

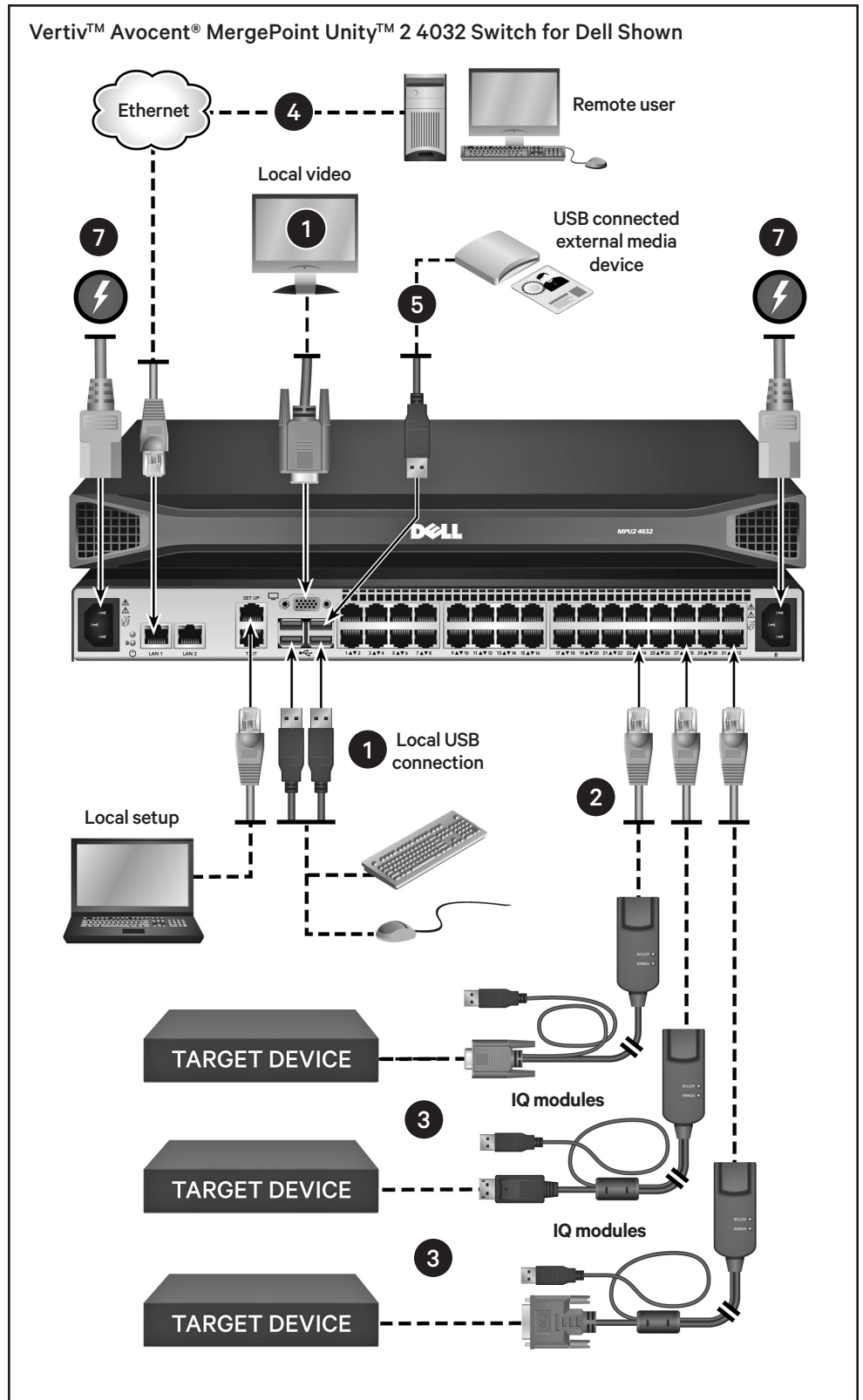
To initially configure an IP address for the switch (see Step 8), ensure you have made either a VGA connection to a monitor and keyboard (see Step 1) or a serial connection to the console port.

To make a serial connection, you must configure the serial settings. Use a serial cable, with serial settings of 115200 bps, no parity, 1 stop bit, 8 data bits and no flow control.

7. Turning on target devices and connecting power to the switch

NOTE: For initial configuration, the switch should only be turned on after either a serial connection or a VGA connection has been made.

Turn on each target device, then locate the jumper cord(s) that came with the switch. Connect one end to the switch and connect the other end to a power source. If you choose to use dual power, use the second jumper cord to connect to the second power socket on the rear of the switch. Connect the opposite cord end to a power source.



8. Assigning an IP address

By default, an IP address is obtained via DHCP. You can also configure a static IP.

To view the DHCP-assigned IP address or to configure a static IP address, perform the following steps:

- a. From the Command Line Interface (CLI), log in using **admin** as the username and password. You are prompted to change the password.
- b. Select the option to show or configure network settings.
- c. Select either the eth0 or eth1 option, depending on your chosen network port.

NOTE: The IP address assigned by the DHCP server is visible once this option is selected. This address can be entered into a web browser to access the web User Interface (UI).

If you cannot log into the UI, the time settings may be incorrect. Please ensure you are on a network with a reachable NTP server. If you are on a network with an unreachable NTP server, update the time settings as follows:

1. *From the CLI interface, enter **4** to select the Show/Configure Manager option.*
2. *Enter **3** to turn NTP off.*
3. *Select the option to change the date and time and enter the new date and time in UTC time format: YYYY-MM-DDThh:mm (for example, 2024-09-17T16:14:03).*

- d. To assign a static IP address, select the applicable option and follow the on-screen prompts to configure the IP, subnet and gateway.
- e. Type **0** (zero) and press **Enter** to exit to the main menu.
- f. Enter the IP address assigned to the Ethernet interface into a web browser to access the web UI.

For more information, see the Vertiv™ Avocent® MergePoint Unity™ 2 KVM over IP and Serial Console Switch Installer/User Guide for Dell available at <https://www.vertiv.com/en-us/support/avocent-support-dell/>.



To contact Vertiv Technical Support: visit www.Vertiv.com

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