

RARITAN KVM REMOTE IMAGING

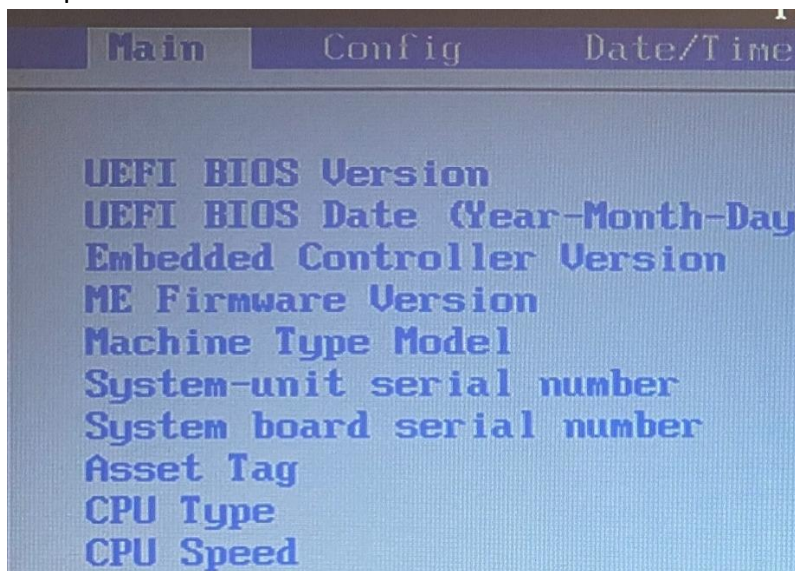
The Dominion KX III is Raritan's flagship, enterprise-class KVM-over-IP switch that provides 1, 2, 4 or 8 users with BIOS-level, remote management of 8, 16, 32 or 64 servers in a single switch. For our purposes at **APMG**, a remote user station will be utilized to integrate with **CommandCenter** to support centralized login and access for large deployments.

Before a laptop can be remotely accessed from a remote location controller, it must be configured to do so. Follow these steps to configure the BIOS settings in each laptop before proceeding to access from the **Raritan KVM Switch**.

Step 1: Configure Laptop for remote imaging

Each laptop that will be imaged needs to be configured for external viewing to be seen remotely by the Raritan KVM. If this step is not completed, remote viewing will not be possible when the port is accessed from an outside location.

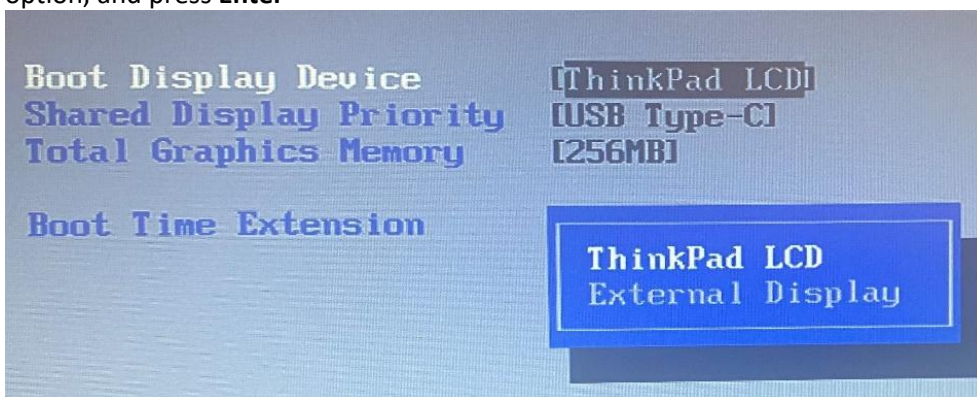
1. Boot the computer
2. Before the computer boots up, interrupt the process by pressing the **F1** button
3. Once the BIOS configuration screen appears, right arrow to the **Config** tab to highlight it, and press **Enter**



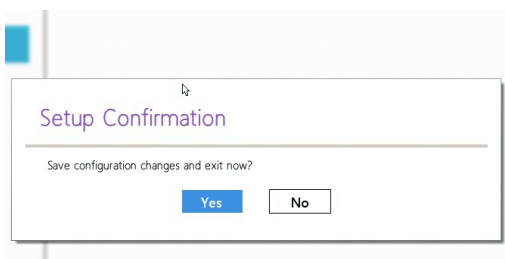
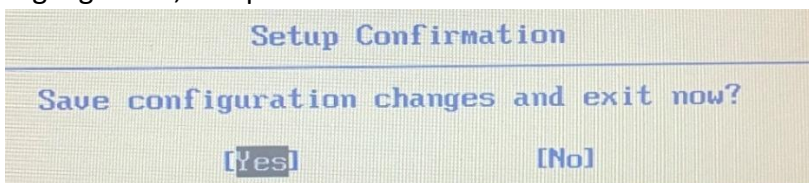
4. Use the down arrow to navigate to the **Display** menu and hit **Enter**



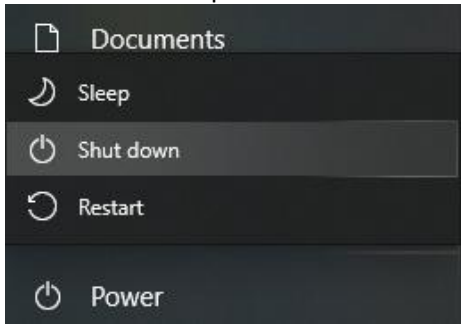
5. Highlight the **Boot Display Device** option, use the down arrow to highlight the **External Display** option, and press **Enter**



6. Once the *External Display* has been set, press **F9** to bring up the confirmation menu. Highlight **Yes**, and press **Enter**.



7. Use the Restart option from the startup menu, and power the laptop back up.



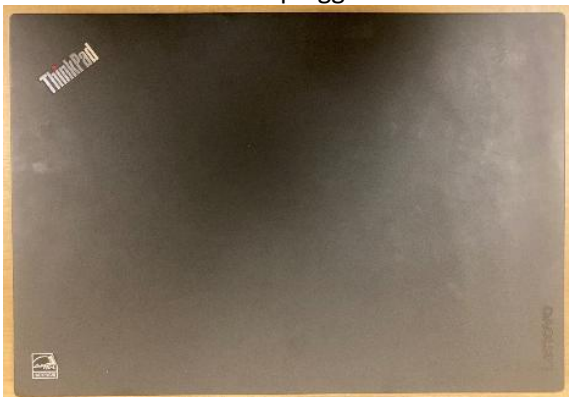
8. Press the **F12** key repeatedly until the screen goes blank. Once the screen is blank, this means that it has gone into the *External Display*.

Step 2: Setting up the Raritan KVM Switch connection

1. Make sure the **Raritan KVM** is turned on. Power buttons are located in the back, and both must be turned on to facilitate functionality.



2. Grab the laptop (which has been configured to **External Display**) that you want to connect to. Make sure it is plugged in with the necessary power source.



3. Remove Dongle from the _____ in the *IT build room*.



4. Plug all three connectors from the dongle into the corresponding laptop ports. (**2 USB, 1 HDMI**)



If you are imaging a Lenovo T-14, you will need to use an extension.

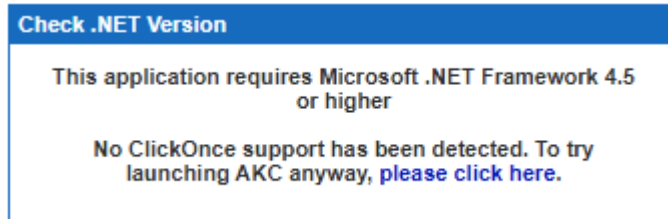


5. Grab an ethernet cable. plug it into a port on the **Raritan KVM** controller, then connect the other end into the dongle that is connected to the laptop.

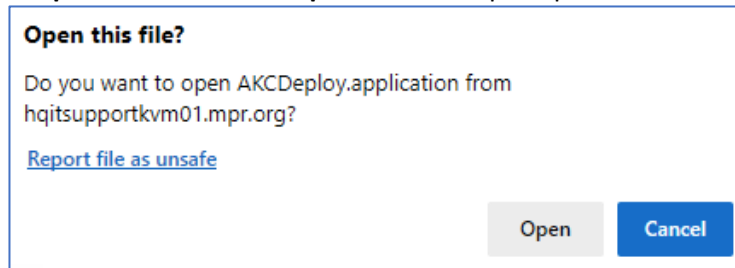


Step 3: Accessing the image from a remote location

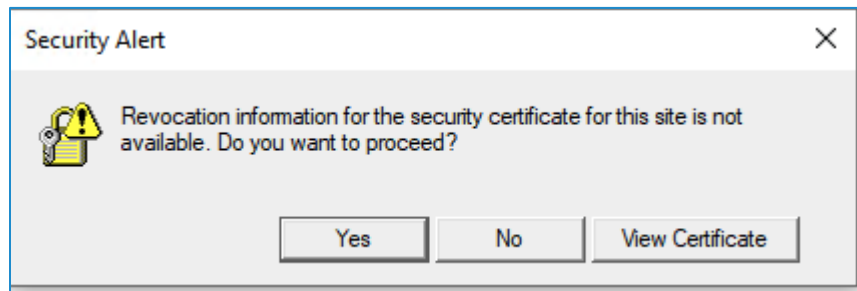
1. From the controller of your choice, launch an **Edge** browser & navigate to:
<https://hqitsupportkvm01.mpr.org/akc> (must be an **Edge** browser)
2. When the **Check .Net Version** prompt comes up, launch the AKC by clicking on the hyperlink that says: “**please click here**”



3. Click the **Open** button on the “**Open this File?**” prompt



4. Click the **Yes** button on the Security Alert prompt



5. When the second **Security Alert** asks if you want to proceed, click the **Yes** button



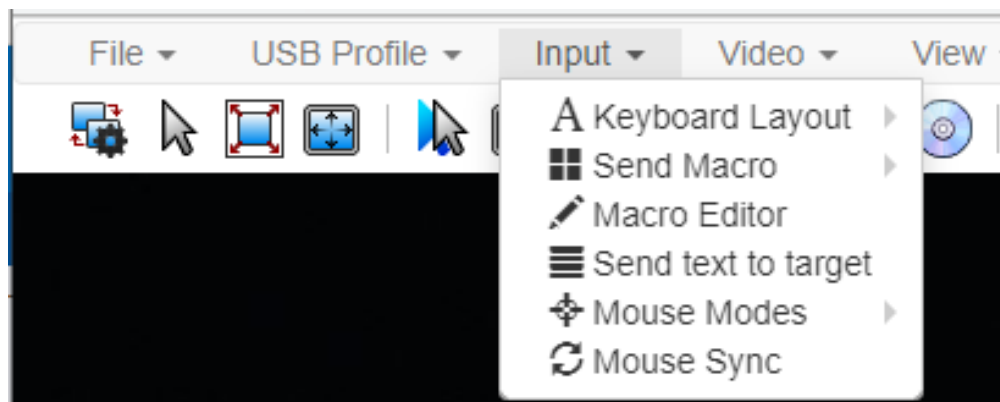
6. Log in to the **Raritan KVM** with your ad account credentials.
7. Navigate to the **Port Access** tab

▲ No.	Name	Type	Status	Availability
1	Dominion_KX3_Port1	Not Available	down	idle
2	Dominion_KX3_Port2	Not Available	down	idle
3	Dominion_KX3_Port3	Not Available	down	idle
4	Dominion_KX3_Port4	Not Available	down	idle
5	Dominion_KX3_Port5	Not Available	down	idle
6	Dominion_KX3_Port6	Not Available	down	idle
7	Dominion_KX3_Port7	Not Available	down	idle
8	Dominion_KX3_Port8	Not Available	down	idle

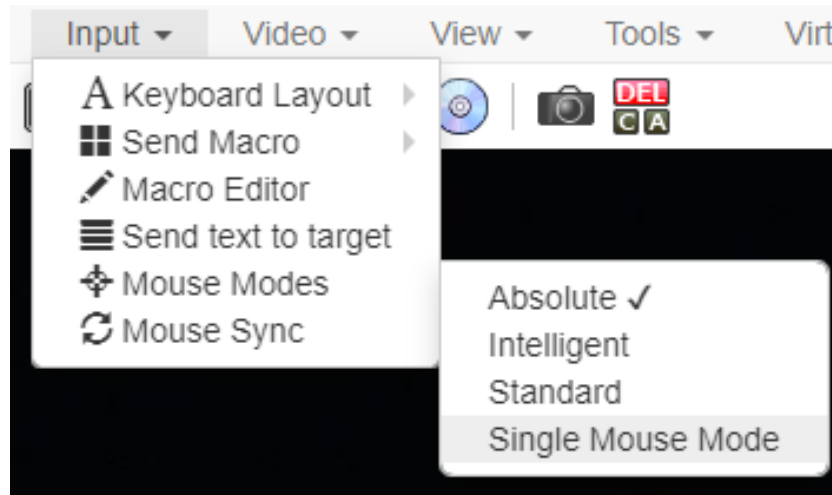
8. Choose corresponding port that the designated computer is plugged in to, and click **Connect**.

▲ No.	Name	Type
1	Connect Dominion_KX3_Port1	DVM-HDMI
2	Dominion_KX3_Port2	Not Available
3	Dominion_KX3_Port3	Not Available
4	Dominion_KX3_Port4	Not Available

9. In the top left of your screen, click on the Input drop down menu.



10. To use a single mouse cursor, select **Mouse Modes** from the dropdown menu, and choose **Single Mouse** (Press the **ctrl + leftalt + O** keys at any time to go back to standard mode two mouse cursors)



11. Click anywhere on the screen to access control of the computer.

