Although not required for everyday operation, it is recommended to have an internet connection to the video control system to simplify tasks such as allowing remote access for Daktronics technicians. Please work with your IT professional to implement one of the two methods outlined below.

- Connect a network jack with separate dedicated Ethernet access to the Daktronics control rack router's WAN jack and allow unlimited access to the internet from the system.

- Assign your Daktronics equipment a Virtual Local Area Network (VLAN). A VLAN virtually connects devices and network nodes into a single logical network. This keeps network traffic isolated to the Daktronics system and will allow for remote support through our BeyondTrust Remote Support application as well as access to your MySupport portal for service and Venus Control Suite and FrameWRX for the control and enhancement of your product offerings. Below is additional information for your IT professional when configuring a VLAN:

  - Daktronics provides a TP-Link 4-port router with an IP Scheme of 192.168.x.x that can be connected to the WAN port for VLAN connections needing only one IP from your network.

  - Recommend at least 10 Mbps for content and data downloads when needed.

  - Recommend the VLAN routes only to the internet.

  - Anti-virus/malware applications can be installed if desired but may impact the performance of the system.

  - Most of the external communication for Daktronics systems and offering will be on standard Http/https ports of 443/80. If you choose to limit the external internet access on the VLAN, the following applications will need to be allowlisted for external connection. It is highly recommended to leverage the DNS name over IPs as the IPs can change over time.

Application	DNS Name	IPs	Ports
Venus Control Suite	Venus.daktronics.com	104.40.57.123	443/80
		168.62.167.57	
		52.176.166.132	
FrameWRX	FrameWRX.daktronics.com	-	443/80
BeyondTrust Remote Support	Remotehelp.daktronics.com	3.15.229.245	443/80
MySupport	Login.daktronics.com	-	443/80

Note: Daktronics does **not** recommend placing a video control system on a school's domain or applying group policies as this can have unintended adverse consequences on the system's ability to communicate to individual devices or pass data within the system. In some instances, the affected machines may need to be sent back to Daktronics and re-imaged, causing a loss of data/content.

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