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Verifying the Deployment of the SV-4K and DMP-2K Media Player

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This module includes the following topics:

Verifying the SV-4K and DMP-2K Startup Sequence

Caution: Before you power on the SV-4K and DMP-2K device for the first time, be sure that you have completed the following configuration and tasks:

■ **For initial deployment of a DMP-2K, be sure that:**

 – **No other accessories are attached to the DMP-2K.**

 – **You are using standard Category 5e or 6 cables up to 100 m in length.**

■ **Switch configuration, including the required LLDP for proper PoE+ operation.**

■ **DHCP server configuration.**

■ **Firmware upload for your Cisco Vision Dynamic Signage Director release.**

■ **Auto-registration settings for the SV-4K and DMP-2K to properly provision its firmware.**

When you have completed these deployment tasks, you are ready to connect a new SV-4K and DMP-2K device to the Cisco StadiumVision Director network.

Startup Sequence Flow for the SV-4K and DMP-2K Media Player

provides a summary of the tasks and related information to deploy the SV-4K and DMP-2K media player.

Note: The provisioning and registration process uses a random wait time to prevent large number of devices sending requests to the servers at the same time. As a result, the time for each SV-4K and DMP-2K device to finish the startup sequence will be different.

Table 1   SV-4K and DMP-2K Startup Task Sequence

Startup Task	TV Display:
SV-4K and DMP-2K obtains IP address from DHCP server. **Note:** If you have configured and enabled WiFi for an SV-4K, then an IP address is also acquired and displayed for the WiFi adapter.	
SV-4K and DMP-2K contacts the Cisco Vision Dynamic Signage Director server.	
Err LED blinks for a short period (normal). **Note:** If you have configured and enabled WiFi for an SV-4K, then the WiFi LED will flash and then remain steady. The Eth LED should be off.	
SV-4K and DMP-2K reboots.	**Caution: During the initial provision process, or after factory reset, the SV-4K and DMP-2K DMP will reboot multiple times before completing the process. Do not interrupt. This can take several minutes.**
Firmware upgrade message (As applicable; Only after the SV-4K and DMP-2K has been initially deployed)	The following message appears if firmware upgrade is needed: `Current system version is out of date. Restart and update!` The device reboots to complete the upgrade process. The TV repeats display of the screens for obtaining the IP address from DHCP server and contacting Cisco Vision Dynamic Signage Director server again before bypassing the firmware upgrade step.

Table 1   SV-4K and DMP-2K Startup Task Sequence (continued)

Startup Task	TV Display:
Firmware upgrade in progress.	
Configuration files from Cisco Vision Dynamic Signage Director server download.	
HTML runtime starts.	
Verify SV-4K and DMP-2K device has registered in **Control Panel** > **Setup** > **Devices**.	 **Note:** If Location has not yet been specified, the Type will be DMP.

Startup Sequence Flow for the SV-4K and DMP-2K Media Player