Overview

The Cisco Multiservices Platform Series models are high-performance servers that offer choices for deploying and managing physical security applications, including video surveillance, access control, and flexible incident response communications. Applications include:

- Video surveillance with network digital recording and playback
- Physical access control with electronic access control using the IP network to manage doors and locks
- Incident response systems for on-demand communications across multiple agencies

This chapter includes these sections:

- Important Safety Information, page 1-1
- Multiservices Platform Series Products, page 1-1
- System Interface, page 1-2
- Rear Panel, page 1-4

Important Safety Information

To prevent potential serious injury to yourself and others and to protect your Multiservices Platform Series device, make sure to read and understand in the compliance, safety, statutory, and related information information in Regulatory Compliance and Safety Information for the Cisco Multiservices Platform Series before you set up, install, or operate the device.

Multiservices Platform Series Products

The Cisco Multiservices Platform Series comprises a suite of server platforms that offer choices for a variety of Cisco physical security applications.

The Multiservices Platform Series includes the following models:

- 1-RU Multiservices Platform Series, Model CPS-MSP-1RU-K9—Supports up to four 1 TB SATA hard drives.
- 2-RU Multiservices Platform Series, model CPS-MSP-2RU-K9—Supports six or twelve 2 TB SATA hard drives.
Key features include:
- 300 W high-efficiency power supply on 1-RU model, and 900 W high-efficiency power supply with redundancy option on 2-RU model
- High-performance fans with built-in redundancy for optimized cooling
- Support for fiber channel card or video encoding card (1-RU only)
- Hot-swappable SATA hard disk drives (in RAID configurations only)

System Interface

The Multiservices Platform Series device includes a variety of controls and LED indicators that help you manage and monitor the system. The following sections describe these items in detail:
- Control Panel Buttons and LEDs, page 1-2
- Hard Drive Indicator LEDs, page 1-3

Control Panel Buttons and LEDs

Table 1-1 describes the controls and LEDs on the front panel of the Multiservices Platform Series device.

<table>
<thead>
<tr>
<th>Control</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Buttons</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Reset button</strong></td>
<td>Press this button to reboot the Multiservices Platform Series device. This button is recessed on 2-RU models. Use a pin or paperclip to press it on these devices.</td>
</tr>
<tr>
<td><strong>Power button</strong></td>
<td>Press this button to apply or remove power from the Multiservices Platform Series device. To perform a normal, graceful shutdown of the device, press and release the button quickly. To shut down the device immediately, press and hold the button for 4 seconds. Turning off system power with this button removes the main power but keeps standby power supplied to the system.</td>
</tr>
<tr>
<td><strong>LEDs</strong></td>
<td></td>
</tr>
<tr>
<td>Power Failure LED</td>
<td>Flashes to indicate a power failure in the power supply.</td>
</tr>
</tbody>
</table>
### Hard Drive Indicator LEDs

The hard drive bays on the Multiservices Platform Series device include these LED indicators:

- **1-RU model:**
  - Solid green—Normal drive status
  - Flashing green—Normal drive activity
  - Solid red—Drive failure
  - Flashing red—Drive rebuilding

- **2-RU model:**
  - Solid blue—Normal drive status
  - Flashing blue—Normal drive activity
  - Solid red—Drive failure
Rear Panel

Figure 1-1 illustrates the rear panel of the Multiservices Platform Series 1-RU model.

Figure 1-1  Multiservices Platform Series 1-RU Model Rear Panel

1. Power cord connector port.  
2. Mouse port.  
3. Diagnostic port, for Cisco TAC use.  
4. RJ-45 Ports for network connection. The port on the left is the first network port and the port on the right is the second.  
5. VGA (video) monitor port.  
7. USB ports.  
8. Keyboard port.

Figure 1-2 illustrates the rear panel of the Multiservices Platform Series 2-RU model.

Figure 1-2  Multiservices Platform Series 2-RU Model Rear Panel

1. Power cord connector port.  
2. (Optional) Power cord connector port on redundant power supply.  
3. VGA (video) monitor port.  
4. Serial port.  
5. Keyboard port.
<table>
<thead>
<tr>
<th></th>
<th>Mouse port.</th>
<th></th>
<th>8</th>
<th>USB ports.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Diagnostic port, for Cisco TAC use.</td>
<td>4</td>
<td>9</td>
<td>Keyboard port.</td>
</tr>
<tr>
<td>5</td>
<td>RJ-45 Ports for network connection. The port on the left is the first network port and the port on the right is the second.</td>
<td>8</td>
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