

I/O Modules

This chapter provides removal and replacement procedures for VCO/4K I/O Modules. For additional information and detailed specifications for each I/O module, refer to the *Cisco VCO/4K Card Technical Descriptions*.

Removal and Replacement Procedures

Removing an I/O Module

Follow these steps to remove an I/O module.

Step 1 Take the port interface cards, in the module locations, out-of-service (OOS). For information about taking cards OOS, refer to the *Cisco VCO/4K System Administrator's Guide*.

Step 2 From the back of the system, unscrew the top and bottom fasteners for the card.



Note The same mounting hardware is used for all I/O module assemblies.

Step 3 Pull the module away from the backplane.



Caution Do not attempt to pry the I/O module from the backplane using a screwdriver or some other tool. The tip of the prying tool could damage the backplane and/or DIN connectors.

Adding or Replacing an I/O Module

Follow these steps to replace or add an I/O module:

Step 1 Press the module firmly into the DIN connectors on the backplane.

Step 2 Tighten the mounting screws.

Step 3 Make the appropriate network connection to the module.



Note

Verify that the system database entries correspond to the type of module and port interface cards installed at the adapter's R-L-S locations.

Troubleshooting



Note

More extensive troubleshooting information is contained in the *Cisco VCO/4K Troubleshooting Guide*.

If problems occur with the network interface, check all cable and cross-wiring connections. Examine a suspect module for signs of physical damage (cracked connectors, damaged wires, etc.). Correct the cause of the damage by reconnecting network cables and cross-wiring and/or rerouting cables to avoid future problems.