

- In the same way you installed the front cover, attach the other cover over the back stop assembly.

Storing the Security Card and Keys

Place the FIPS plastic security card, authentication number, and keys in the secure location you previously established.

IMPORTANT: Record the location in which you keep all physical security items. Customers are responsible for guarding and managing all tools required to access the IPS. In keeping with the FIPS security strategy, TippingPoint does not retain copies or records of these items.

Complete Initial Setup Configuration

After powering up the device, the TippingPoint Setup wizard displays on the COM port terminal. The wizard prompts you to perform basic device configuration tasks and periodically input information.

For more information, refer to the Quick Start for your IPS device.

Where to Go Next

To perform additional configuration, administrative, and management tasks, use either of the following methods:

- From the LSM, you can perform further configuration, administrative, and management tasks. For details, see the *TippingPoint Operating System Local Security Manager User's Guide*.
- From the CLI, you can run the setup wizard again using the `setup` command. This command provides additional configuration options. You can also use other CLI commands to manage the device. For details, see the *TippingPoint Operating System Command Line Interface Reference*.

NOTE: When using the command line interface, configure the terminal emulation package to transmit a Ctrl-H character when the Backspace key is pressed.

If you will manage the device using the SMS, refer to the *TippingPoint Security Management System User's Guide* for details.

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FIPS Security Enclosure Quick Start

This Quick Start guide provides basic setup instructions for installing your TippingPoint NX-platform IPS device into a Federal Information Processing Standard (FIPS) Security Level 2 tamper-resistant hardware security module.

Before You Begin

- Write down all the pertinent information for your IPS, including the model number and serial number, before securing the IPS into the FIPS device.
- Establish a secure location to keep the FIPS plastic security card, authentication number, and four keys. It is the customer's responsibility to safely store all physical security items required to access the IPS.
- Read and follow all safety information listed in the *TippingPoint Hardware Compliance and Safety Guide* that shipped with your product.

TippingPoint Online Threat Management Center

The TippingPoint Operating System and TippingPoint NX-Platform product documentation is available from the Documentation section of the TippingPoint TMC. To access the TippingPoint TMC:

- In a web browser, open <https://tmc.tippingpoint.com>.
- If you have not already done so, create a TMC account using your Customer ID and Serial Number and log in.

Overview

The FIPS kit ships with the following components:

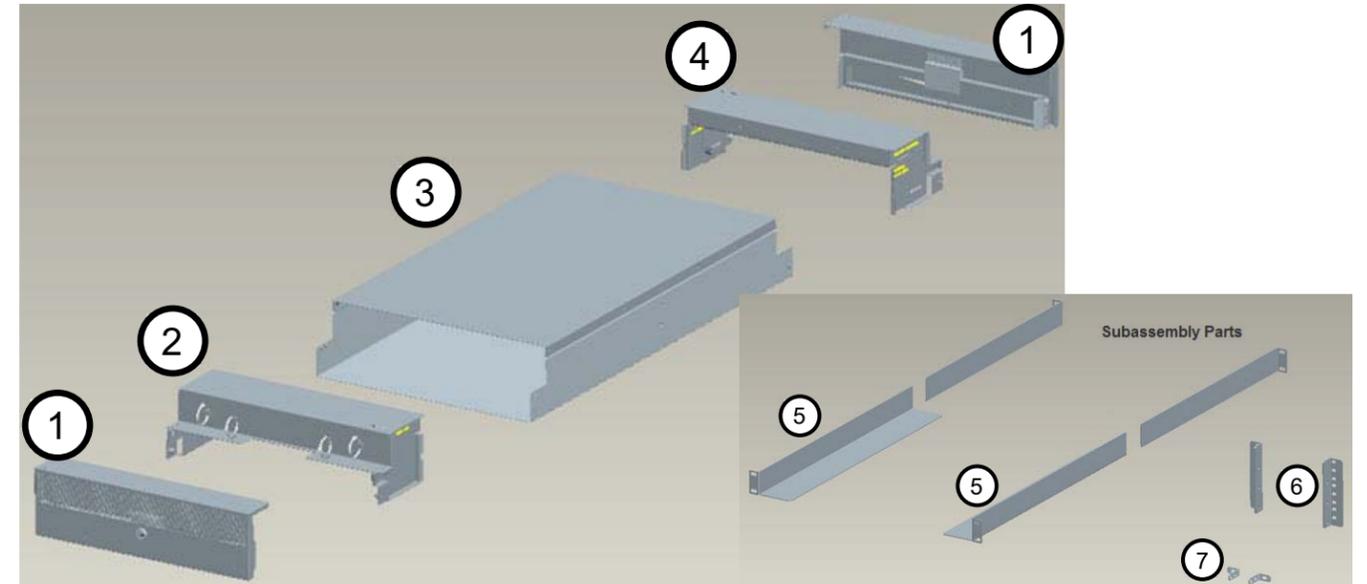


Figure 1: FIPS Kit Assembly and Subassembly Parts

- | | |
|------------------|---|
| 1 Covers (2) | 5 Rack rail kit* |
| 2 Front stop (1) | 6 Mid-chassis brackets (2) |
| 3 Chassis (1) | 7 Mounting brackets (2) |
| 4 Rear stop (1) | 8 Keys and plastic security card set (2 sets, not pictured)** |

*Kit includes multiple pieces.

**Each set includes 1 card and 2 keys



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Installing the FIPS Device

Reference the parts diagram on the front page when installing the FIPS security enclosure.

NOTE: Each NX-platform devices weighs 42 pounds (19.05 kilograms), which exceeds the OSHA limit for a single-person lift. Use two people when lifting the IPS device.

Determine Total Rack Space

Before you install the chassis, determine the total rack space that is required to install your system. The IPS chassis and FIPS security module fit in a 19-inch-wide rack. For both two-post and four-post installations, 19-to-23 inch adapters are required for installations into a 23-inch-wide rack.

Installing the FIPS Device to the Rack

The IPS chassis ships with a fixed rail kit for mounting the device to a four-post rack. Fixed rail kits are also available for order from TippingPoint.

If you are bolting the IPS chassis to a four-post rack, follow these guidelines. Two mid-chassis brackets (one left, one right) are supplied for two-post rack mounting. See Figure 4.

WARNING! To prevent bodily injury when mounting or servicing this unit in a rack, take special precautions to ensure that the system remains stable.

- If the rack comes with stabilizers, install the stabilizers before mounting or servicing the unit in the rack.
- If the rack is partially filled, load the rack from the bottom to the top with the heaviest component at the bottom.
- If you plan to expand your system to include additional TippingPoint systems in the future, allow space in the rack for additions. During the initial installation, keep in mind the weight distribution and stability of the rack.

Installing the Rails

Attach the fixed rails to the posts. For instructions and specifications, refer to the instructions in the rail kit.

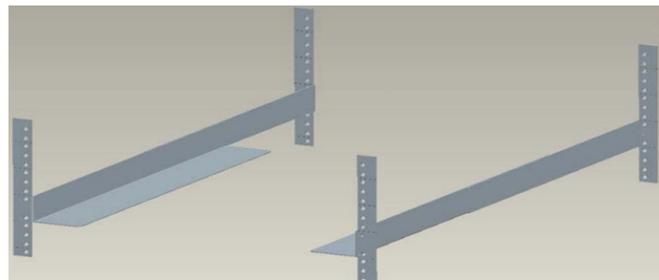


Figure 2: Attaching Rails to Posts

Installing the FIPS Chassis

1. Attach a mounting bracket to each side of the front of the FIPS chassis and slide the chassis backwards onto the rails.

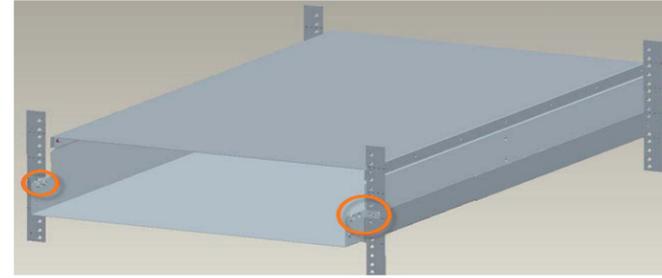


Figure 3: Attaching the FIPS Chassis

2. Secure the other end of the mounting brackets to the front posts.

NOTE: For two-post racks, your shipment comes with two mid-chassis brackets, one left and one right.

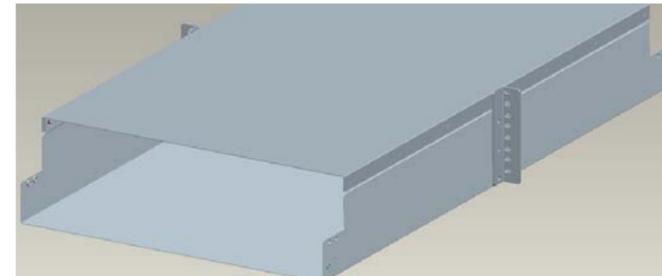


Figure 4: Two-Post Rack Mounting

Installing the IPS Device

1. From either end, slide the IPS device into the FIPS chassis.
2. Drape the attach cables to the center and down on both ends of the IPS device so that they are accessible.

Installing the Front Stop Assembly

1. Slide the front stop assembly (identified by *Front Stop*) in over the draped cables while taking care not to pinch the cables. Secure the front stop assembly in place by threading the captive screws (indicated in Figure 5).

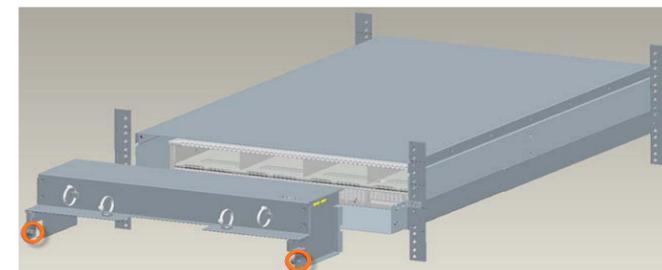


Figure 5: Attaching the Front Stop Assembly

2. With the IPS device centered, push it forward from the rear so that it makes contact with the front stop.

Installing the Rear Stop Assembly

1. Loosen the nuts on the fastening brackets indicated in Figure 6 so that the sliding brackets can be moved.
2. Slide the rear stop assembly (identified by *Rear Stop*) into place and secure it by tightening the captive screws on each side.

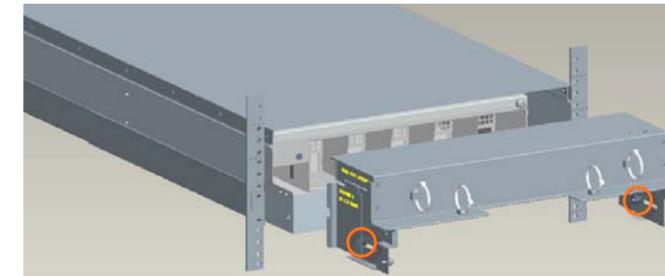


Figure 6: Attaching the Rear Stop Assembly

3. Adjust the depth of the rear stop assembly by sliding the fastening brackets into contact with the IPS device.
4. Tighten the fastener nuts on each side (see Figure 6).

NOTE: All hot-pluggable and serviceable parts can be removed only by removing the rear stop assembly.

5. Route the rear cables onto the shelf of the rear stop assembly and secure them with the tie wraps.

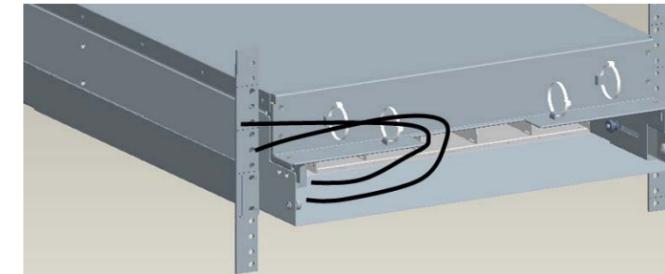


Figure 7: Routing the Rear Cables

Managing the Front Cables

1. Drape the front cables on the front stop assembly's shelf and secure them with the tie wraps.

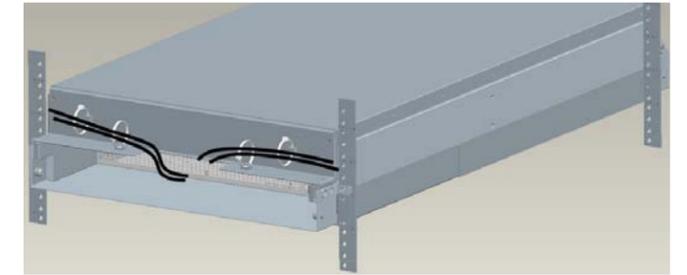


Figure 8: Securing the Front Cables

IMPORTANT: To avoid pinching the cables when the cover is installed, make sure that they are positioned to the side before routing them up or down.

2. Ensure all cables are accounted for. Follow general IPS cable management guidelines.

Installing the Covers

1. Before installing the two interchangeable covers, plug in and turn on your IPS device to ensure that it operates correctly. Refer to your IPS device documentation for information on configuring your IPS for operation.
2. Connect one of the covers over the front stop assembly.
 - a. Align the two lower vertical blades of the cover with the chassis.
 - b. Rest the lower portion of the cover on the floor of the chassis.

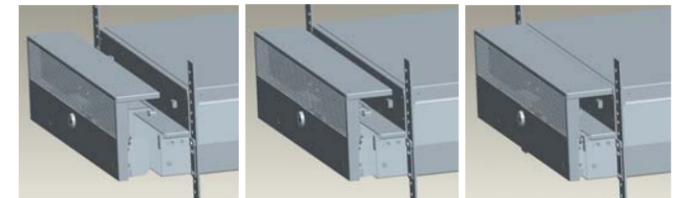


Figure 9: Connecting the Front Cover

- c. With the provided key inserted, turn the key a quarter turn counter-clockwise so that it is in the unlocked position. Leave the key inserted.
- d. Press the cover forward until it is flush with the chassis.
- e. Turn the key a quarter turn clockwise so that the cover locks in place.
- f. Remove the key.

NOTE: The key cannot be removed if the cover is in the unlocked position.