

# ARX<sup>®</sup>-1500/2500 Slide Rail FRU

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This is a Class A product. In a domestic environment this product may cause radio interference, in which case the user may be required to take adequate measures.

### FCC Compliance

This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This unit generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user, at his own expense, will be required to take whatever measures may be required to correct the interference.

Any modifications to this device, unless expressly approved by the manufacturer, can void the user's authority to operate this equipment under part 15 of the FCC rules.

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## **Canadian Regulatory Compliance**

This Class A digital apparatus complies with Canadian ICES-003.

## **Standards Compliance**

This product conforms to the IEC, European Union, ANSI/UL and Canadian CSA standards applicable to Information Technology products at the time of manufacture.

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## **Revision History**

June 2011 — First printing for Release 6.0.0.

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September 2011 — Third printing for Release 6.1.0.



## About Replacing Slide Rails

This document describes how to remove and replace the ARX-1500 and ARX-2500 slide rails.

### Before You Begin

When returning slide rails, you must send along the serial number for the chassis.

Use the **show chassis** command to get the serial number. If you cannot reach the CLI, read the serial number on the front, righthand side of the chassis (under the cooling holes).

See the following example output for the **show chassis** command.

```
canbyA# show chassis chassisinfo

Identification:
Hostname           UUID
-----
canbyA            64a6417e-cc3d-11df-80ca-a73fbef72ef8

Chassis:
Chassis Type    Model Number          Serial Number
-----
ARX-1500        ARX1500LE-F5       XX-ABCD-0509

Chassis Environment:
Base MAC Address Power   Fan(setting) System Temp. CPU Temp.
-----
00:0a:49:75:5d:00 Online  Online (high) Normal 30 C  51 C
```

Power Details:	
Supply	State
-----	-----
A	Online
B	Online

## General Recommendations for Rack Mounting

Although not required, a 1U space between units makes it easier to remove the unit from the rack if the unit requires service. A 1U space between units also provides additional cable routing options.

We recommend 100 mm spacing from the front panel of the unit to the rack front or rack door. This provides enough room for routing the cables without excessive bending or insulation damage.

### **Important**

*To prevent personal injury or damage to the unit, we recommend that at least two people perform the installation.*

*If only one person is installing the unit, we require a shelf or similar device to support the unit.*

### **Important**

*Do not power on the platform until the management serial console or the management network is connected to the unit.*

## Slide-Rail Mounting Hardware

The slide-rail mounting hardware includes the following:

- Slide rails for the left side (1 pair)
- Slide rails for the right side (1 pair)
- Mounting brackets—front and rear (2)
- Thumbscrews (8)
- Wing nuts or kep nuts (8)

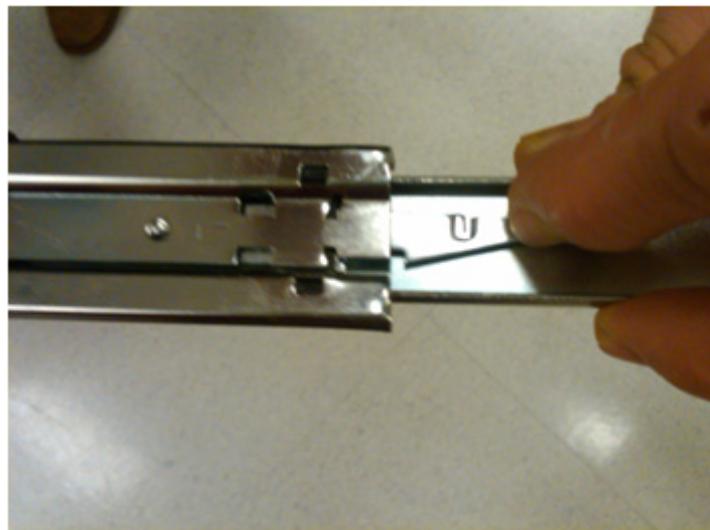
The slide-rail mounting hardware also includes the rail-locking bracket kit, which is located in the bubble bag in the box the switch was shipped in. The kit includes:

- Rail-locking brackets (2)
- #6-32 pan head screws (4)
- #8-32 pan head screws (2)

## Installing the Slide-Rail Mounting Kit Hardware

Before you install this platform, review the environmental guidelines to make sure that you are installing and using the platform in the appropriate environment. See the safety and regulatory notices in your platform installation guide.

1. Separate the side chassis members by lifting the lever and sliding them out.



2. Align the large end of the key holes with the slide-rail mount studs on one side of the chassis.

Be sure the flange on the slide-chassis member is facing the front of the chassis. Slide the piece toward the back of the chassis until it snaps into place. Repeat this step for the other side.



3. Install the two rail-locking brackets (found in the Accessory Kit bubble bag) using the 6-32 screws provided. (These are the 4 smaller screws. Save the 2 larger screws to lock the chassis into the equipment rack in step 14.) The following figure shows an installed locking bracket.



4. Assemble the front slide-rail mount brackets (the short ones) to slide-cabinet members, as shown below, using the wing nuts provided.

**Ensure the three-hole side of the bracket is facing out** (as shown in the following figure.)

Ensure the ends of the rail-mount brackets are 1 1/2 inches from the ends of the slide-cabinet members before tightening the wing nuts. This ensures the chassis front is flush with the front of the equipment rack rails.



5. To determine the location of the rear-rail mount brackets, measure the inside surface of the front rail to the inside surface of the back rail of the equipment rack where the chassis will be installed.

6. Install the rear-rail mount brackets (the long ones) to the slide-cabinet members, as shown below, using the wing nuts provided. Before tightening the wing nuts, ensure the end-to-end measurement of the slide rails of the mounting brackets matches the rail-to-rail measurement of the equipment rack.

**Ensure the three-hole side of the bracket is facing out** (as shown in both of the following figures.)



7. Install the slide rails on the inside rail of the equipment rack. Insert the thumb screws provided in the top and bottom holes by screwing them through the cabinet rails and into the slide-bracket threaded inserts. (Leave the middle hole open.)



8. Repeat Step 7 to secure the slide rail to the rear equipment rack rail.

9. Extend the slide-cabinet members to their fully-locked position.



10. Carefully lift the chassis and align slide-chassis members with the slide-cabinet member black plastic alignment pins.

**Lifting and aligning the chassis requires two people.**

11. Push the chassis in until it stops.



12. Unlock the slide rail by pulling up the left slide lever, and pressing the right-slide lever down.



13. Slide the chassis into the rack.

14. On each side of the chassis, secure the rail-locking brackets to the rack using the 2 larger screws from the rail-locking bracket kit (as mentioned in step 3).

The following figure shows the result of this step.



**Chapter I**  
**About Replacing Slide Rails**

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