

SETUP GUIDE



1 SITE PREPARATION *Before you begin:*

Unpacking the appliance

- Verify that the ship kit includes a power cord, the screws you will need to install the appliance in your rack, and 2 rack rail assemblies. The rack rail assemblies consist of 2 sections:
 1. A set of inner fixed chassis rails that attach to the appliance (these must be removed from the set of outer fixed rack rails).
 2. A set of fixed rack brackets that attach directly to the rack itself.
 3. A set of outer fixed rack rails that attach to the outer fixed brackets. The outer fixed rack rails each contain a sliding guide that remains attached to each of these rails.

Setup location

- Choose a setup location with proper temperature control and adequate floor loading capacity for the current installation and for future growth.
- Install in or near appropriate AC outlets, and Ethernet hubs or individual jacks (10/100 Base-T cables cannot be longer than 100 meters).
- Leave enough clearance, 25 inches in the front, and 30 inches in the back of the rack to enable you to access appliance components and allow for sufficient airflow.

Rack and appliance precautions

- **ALL RACKS MUST BE MOUNTED SECURELY.** Ensure that all leveling jacks or stabilizers are properly attached to the rack. If installing multiple appliances in a rack, make sure the overall loading for each branch circuit does not exceed the rated capacity.
- Do not slide more than one appliance out from the rack at a time. Extending more than one appliance at a time may result in the rack becoming unstable. Install your appliance in the lower part of the rack because of its weight and also for ease of use for accessing appliance components.
- Allow the hot plug SCSI drives and power supply units to cool before touching them.
- Always keep the rack's front door and all panels and components on the appliances closed when not servicing to maintain proper cooling.

CAUTION

This appliance is intended for installation in restricted areas only. Initial setup and maintenance should be performed by qualified personnel.

CAUTION

*Required operating conditions for the appliance are -
Temperature: 0 to 35°C.
Humidity, non-condensing: 5 to 80%.*

CAUTION

Installation or operation of appliances stacked on a desktop table is not supported.

NOTE: See other Cautions below.

CAUTION

To prevent the unit from overheating, never install the appliance in an enclosed rack or room that is not properly ventilated or cooled. For proper airflow, keep the front and back sides of the appliance clear of obstructions and away from the exhaust of other equipment.

CAUTION

Electrostatic Discharge (ESD) precautions are required before handling the appliance. Wear a wrist strap with an appropriate ground connection.

CAUTION

Power down the appliance following the operating system's proper power down procedure from the front panel. It is also recommended that the power cord be unplugged before servicing.

CAUTION

There is a danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the battery manufacturer's instructions. Contact technical support if you need to replace a battery to ensure proper replacement.

CAUTION

Do not use mats designed to decrease static electrical discharge as protection from electrical shock. Use only mats that have been specifically designed to electrical insulators.

CAUTION

Failure to properly ground the appliance, either by circumventing the 3-wire grounding-type plug or by using a power outlet that is improperly grounded, can create a potentially hazardous electrical situation.

FCC Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

No Telecommunications Network Voltage (TNV)-connected PCBs shall be installed.

©2005 All rights reserved.



P/N: 509-8629-00



REV: 0B

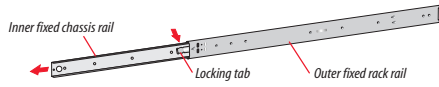
NOTE: The following installation procedures for **2a**, Telco Style Rack and **2b**, 19-inch Width Rack are for use with the rails provided in your ship kit. If different style rails are being used, refer to the instructions provided with that rails' ship kit.

2a TELCO STYLE RACK INSTALLATION

Unpack the appliance and locate the mounting hardware

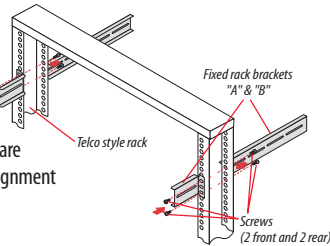
Step 1 (telco style rack)

- Remove the inner fixed chassis rails from the outer fixed rack rails. Pull each one out as far as possible. Depress the locking tab to pull the inner rail completely out. Put these rails aside for later installation on the appliance.



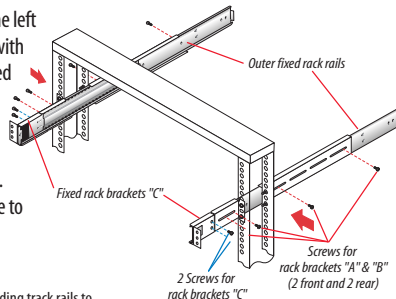
Step 2 (telco style rack)

- Attach fixed brackets "A" & "B" to the telco style rack. Mount the short brackets in the front, and the longer brackets in the back using 2 screws for each rail as shown. Make sure the brackets and screws are aligned in the rack not only from front and back, but are level in height on the left and right sides for proper alignment to allow accurate appliance installation.



Step 3 (telco style rack)

- Slide each of the outer fixed rack rails into the left and right fixed brackets and loosely secure with 4 screws on each side (shown with red dotted lines). Leave enough of the outer fixed rails extended in the front to attach fixed rack brackets "C" to the rack rails using 2 screws on each side (shown with blue dotted lines). Once all screws are in place, tighten each one to secure the rack rails in place.



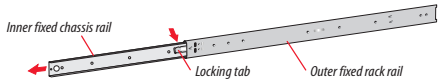
* Once you have completed mounting the brackets and sliding track rails to the telco style rack, proceed to section **2c**, Rail Installation on the Appliance.

2b 19" WIDTH RACK INSTALLATION

Unpack the appliance and locate the mounting hardware

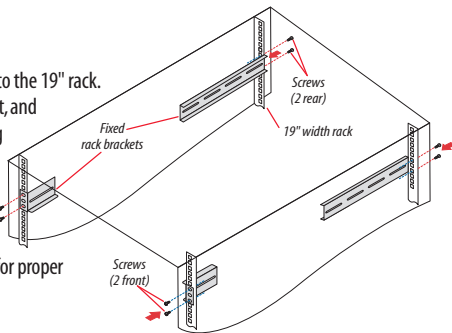
Step 1 (19" width rack)

- Remove the inner fixed chassis rails from the outer fixed rack rails. Pull each one out as far as possible. Depress the locking tab to pull the inner rail completely out. Put these rails aside for later installation on the appliance.



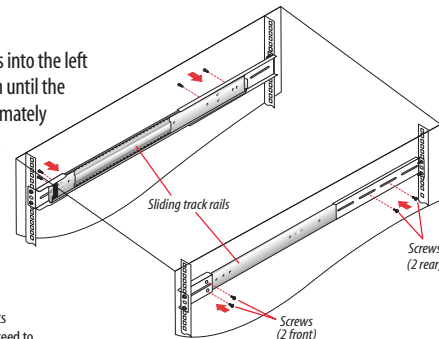
Step 2 (19" width rack)

- Attach the outer fixed rack brackets to the 19" rack. Mount the short brackets in the front, and the longer brackets in the back using 2 screws for each rail as shown. Make sure the brackets and screws are aligned in the rack not only in the front and back, but are level in height on the left and right sides for proper alignment for rail installation.



Step 3 (19" width rack)

- Slide each of the outer fixed rack rails into the left and right brackets. Push these rails in until the front end of the rail sits back approximately 1 inch from the front end of the rack and the 2 vertical holes in the front brackets align with the threaded holes in the front of the rails. Secure with 4 screws, 2 in the front and 2 in the rear on each side as shown.



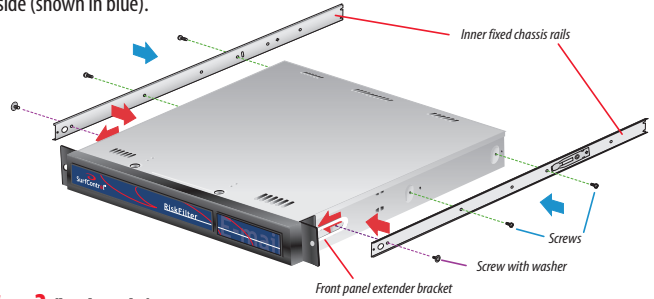
* Once you have completed mounting the brackets and sliding track rails to the telco style rack, proceed to section **2c**, Rail Installation on the Appliance.

2c RAIL INSTALLATION ON THE APPLIANCE

Locate the fixed chassis rails that were put aside in Step 1

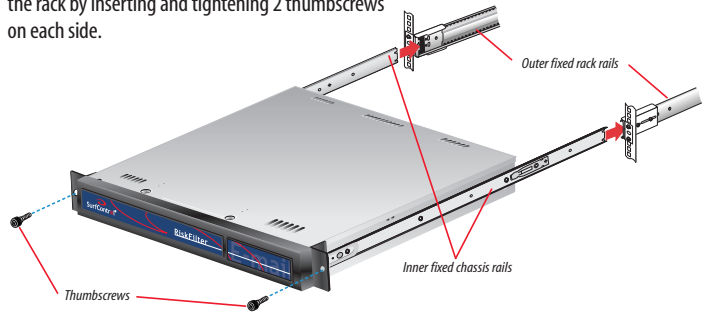
Step 1 (both racks)

- Remove the screw with the plastic and metal washers from the front on each side of the unit. Discard the large, flat metal washer. Align the inner fixed chassis rails on the appropriate sides of the appliance and insert the rails under each of the front panel extender brackets (shown in red). Attach the inner fixed chassis rails to the appliance by reinstalling the screw with the plastic washer through the front hinged mount and rail (shown in purple), and then using 2 screws on each side (shown in blue).

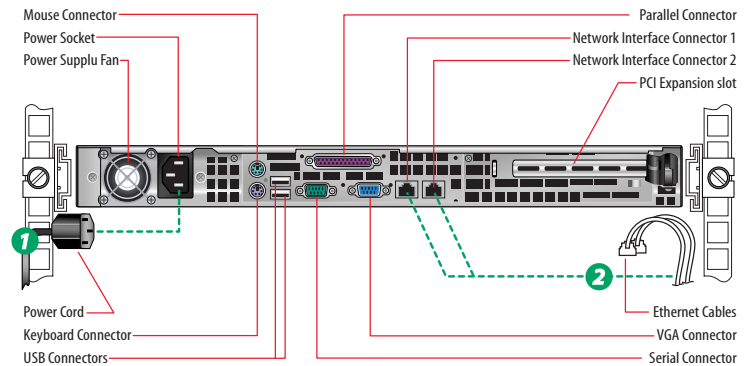


Step 2 (both racks)

- Align the inner fixed chassis rails on the appliance with the outer fixed rack rails previously installed the rack. Carefully slide the appliance into these rack rails until you hear the rails click into place. Push the appliance all the way back into the rack until it stops. Secure the unit in the rack by inserting and tightening 2 thumbscrews on each side.



3 REAR PANEL CABLE CONNECTIONS



Cabling the appliance

1. Connect the power cord.
2. Connect the Ethernet cables.
3. Connect other required cables.
4. Turn the appliance on. The power button is located on the front of the unit. Pull the bezel forward and tilt down. The power button is the last button on the right.

