

5. Access the radio terminals via Ethernet

- 1. Confirm that your PC has the following software installed:
 - Java VM
 - Mozilla Firefox, or Microsoft Internet Explorer web browser
- If necessary, install this software from the CD supplied.

IMPORTANT

In order to communicate via Ethernet, each piece of equipment must have compatible IP addresses on the same subnet. The radio terminals are pre-configured with one of the IP addresses and the subnet shown below.

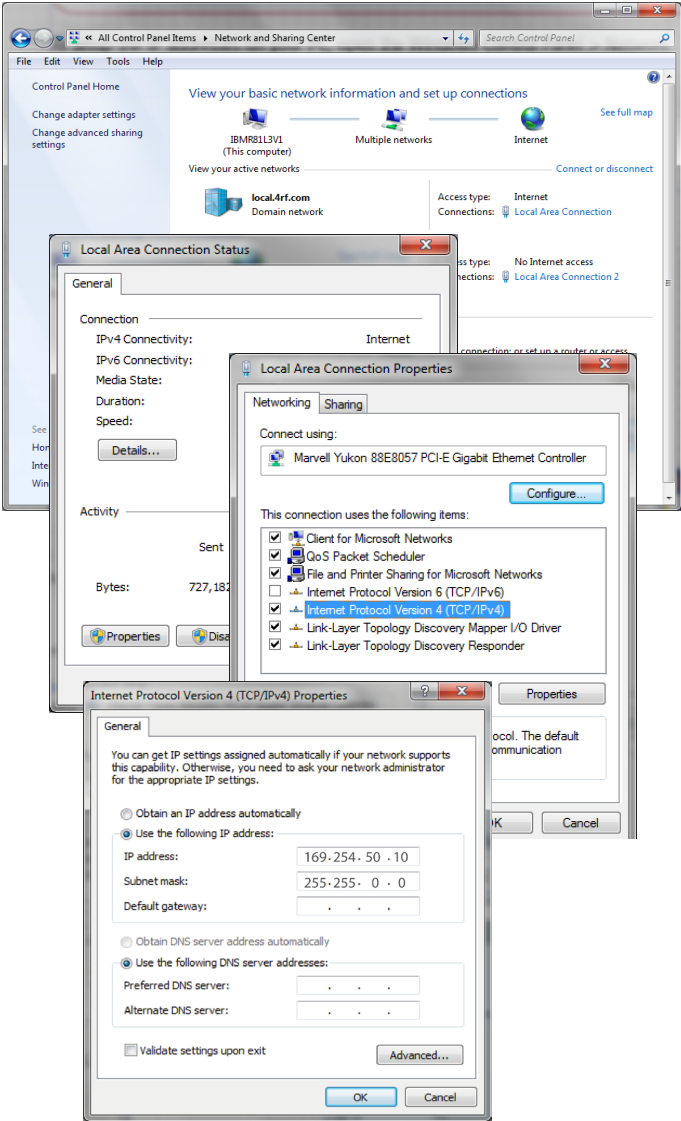
To connect to the radio terminal, set the subnet mask on your PC to 255.255.0.0 and select a compatible IP address e.g. 169.254.50.1.

Subnet			
255	255	0	0

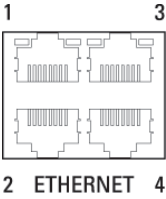
169	254	50	20
169	254	50	10
169	254	50	1
IP addresses			

Windows 7 Example

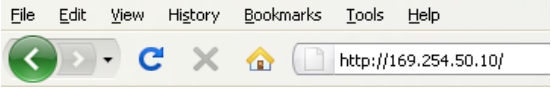
To setup the IP addresses on your PC, open the Windows Control Panel > Network and Sharing Center, click on your Local Area Connection (primary network connection). On the Local Area Connection Status, click Properties. On the Local Area Connection Properties, select Internet Protocol Version 4. In the Internet Protocol Version 4 (TCP/IP) properties window, set up your PC IP address and Subnet mask as shown below.



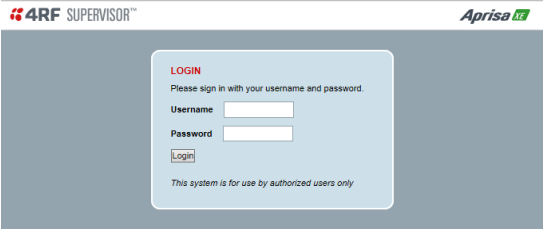
- 2. Using the Ethernet cable, connect the PC's Ethernet port to one of the radio terminal's Ethernet ports.



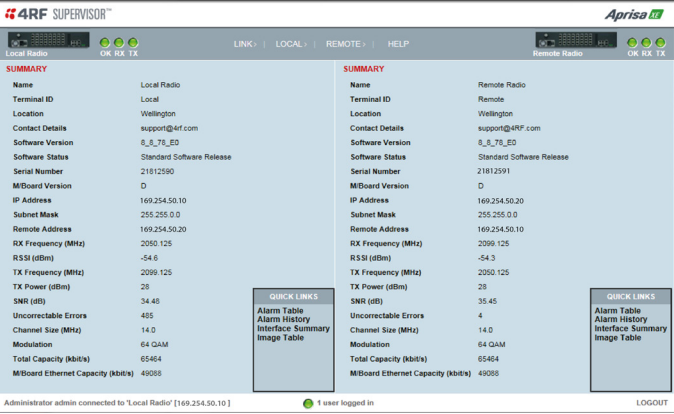
- 3. Start your web browser and in the address field, enter the radio terminals IP address.



- 4. Login to the radio terminal.



SuperVisor Opening Screen



You are now ready to start configuring your radio link. Please refer to the Aprisa XE User Manual (supplied on the CD) for details on how to configure your Aprisa XE link.



Quick Start Guide

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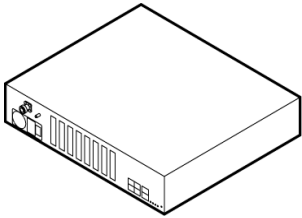
Follow these steps to install and access your Aprisa XE radio link:

- 1. Check the box contents
- 2. Verify you have all the required tools
- 3. Install the radio terminals
- 4. Connecting antennas and power to the radio terminals
- 5. Access the radio terminals via Ethernet

1. Check the box contents

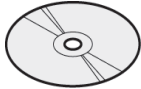
Each Aprisa XE radio is shipped to you in a single box containing the following items:

Aprisa XE Radio [x1]



Information and setup CD [x1] including the following:

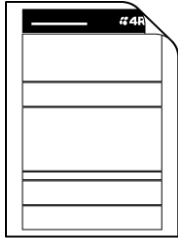
- Radio Terminal software
- Cross Connections application
- Mozilla Firefox web browser
- Microsoft® Internet Explorer web browser
- 4RF Surveyor path propagation calculator
- Java™ VM software
- TFTP server software
- Aprisa XE Datasheet, Product Description and User Manual
- Brochures, Case Studies, White Papers, Software Release Notes
- Adobe® Reader® software (for viewing the PDF files on the CD)



Configuration Sheet [x1]



Commissioning Form [x1]



2. Verify you have the required tools

You will need the following additional equipment:

Personal computer (PC) with the following minimum requirements:

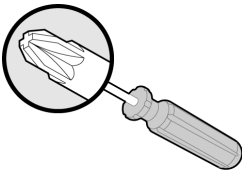
- 800 MHz Intel® Pentium III processor
- 200 MB of free hard disk space
- CD ROM drive
- Either a COM port or USB port (with the DB-9 serial to USB adaptor)
- Ethernet interface
- Microsoft Windows® 2000, XP or later
- Java™ VM software v1.6 or later
- Microsoft® Internet Explorer or Mozilla Firefox web browser



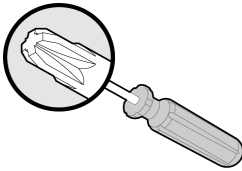
Accessory kit [x1] containing the following:

- Rack mount bracket [x2]
- Bracket fastening screw [x4] (countersink PZD2)
- Nylon washer [x6]
- 100 mm cable tie [x20]
- Setup cable with RJ-45 to DB-9 adaptor [x1]
- Ethernet cable spare [x1]
- Power cable [x1] 12 VDC, 24/48 VDC or AC
- Interface Slot Blanking plate [x2]
- M6 caged nut [x4]
- M6 x 8 (PZD3) [x6]
- M2 Allen key [x1] (for fascia and lid screws)

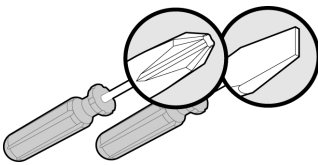
A pozidrive screwdriver (PZD2)



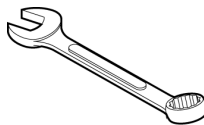
A pozidrive screwdriver (PZD3)



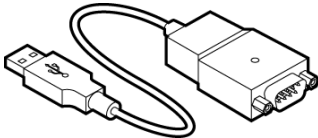
A Philips (size 2) OR flat-blade screwdriver (5 mm))



An 8 mm spanner



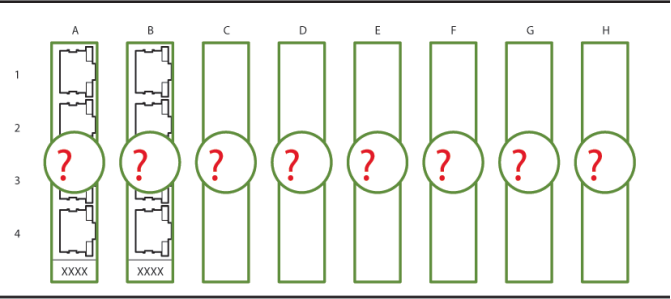
A DB-9 serial to USB adaptor



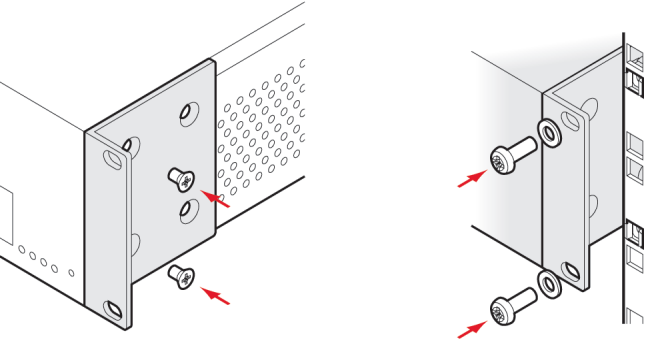
This adaptor will only be required if you wish to connect to the Aprisa XE SETUP port and the PC does not have a serial COM port (DB-9).

3. Install the radio terminals

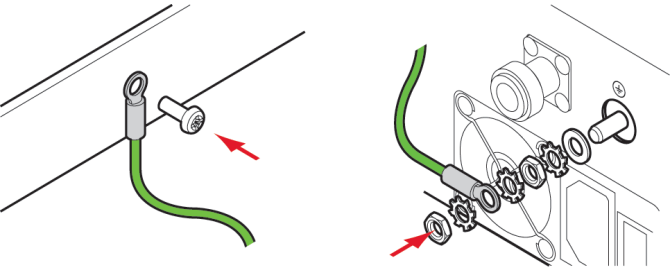
1. Confirm that the correct interface cards are fitted.



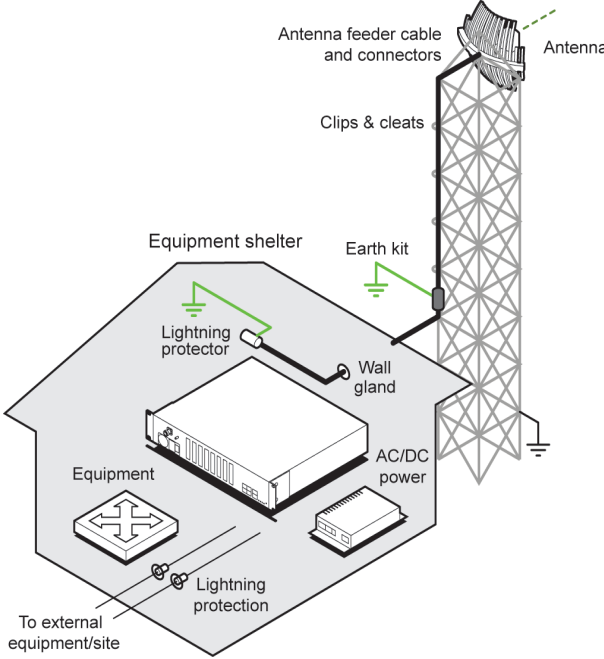
2. Fasten the mounting brackets to the radio terminal and mount it in the rack



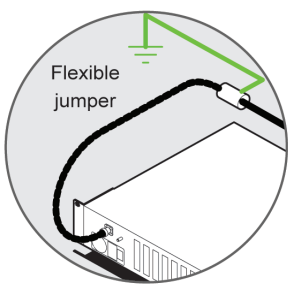
3. Connect the radio terminal's earth stud to the rack with the Earth cable using the 8 mm spanner



4. Confirm that your antenna, feeder cable, weatherproofing, earthing and lightning protection are correctly installed.

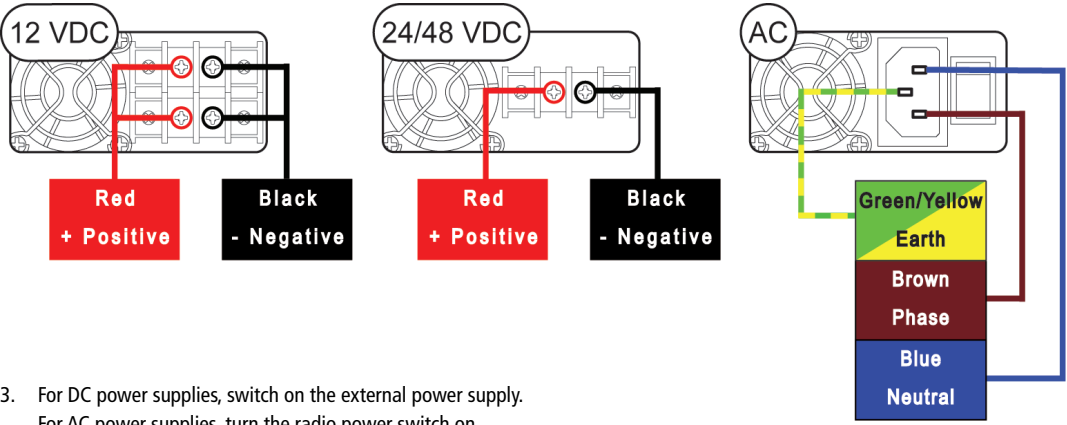


5. Connect the flexible coaxial jumper cable between the lightning protector and radio antenna connector.



4. Connecting antennas and power to the radio terminals

1. Before connecting power to the radio, ensure that the antenna is connected to the antenna port. If the antenna is not available, terminate the Antenna port with a N type male 50 ohm termination (10 Watts min, up to 3 GHz). The two radios can be interconnected on the bench with two N type male 50 ohm 30 / 40 dB attenuators (10 Watts min, up to 3 GHz) on the antenna ports, interconnected with a N type coaxial cable. Do not directly connect the two radio antenna ports without attenuation of at least 60 dB. The receiver can be damaged if signals greater than -20 dBm are applied to the antenna port.
2. Connect the external power supply to the radio terminal.



3. For DC power supplies, switch on the external power supply. For AC power supplies, turn the radio power switch on.