Reviewing the Front Panel

Craft Interface | System Status LEDs | ACO Switch | Network Module LEDs | Option Module LEDs
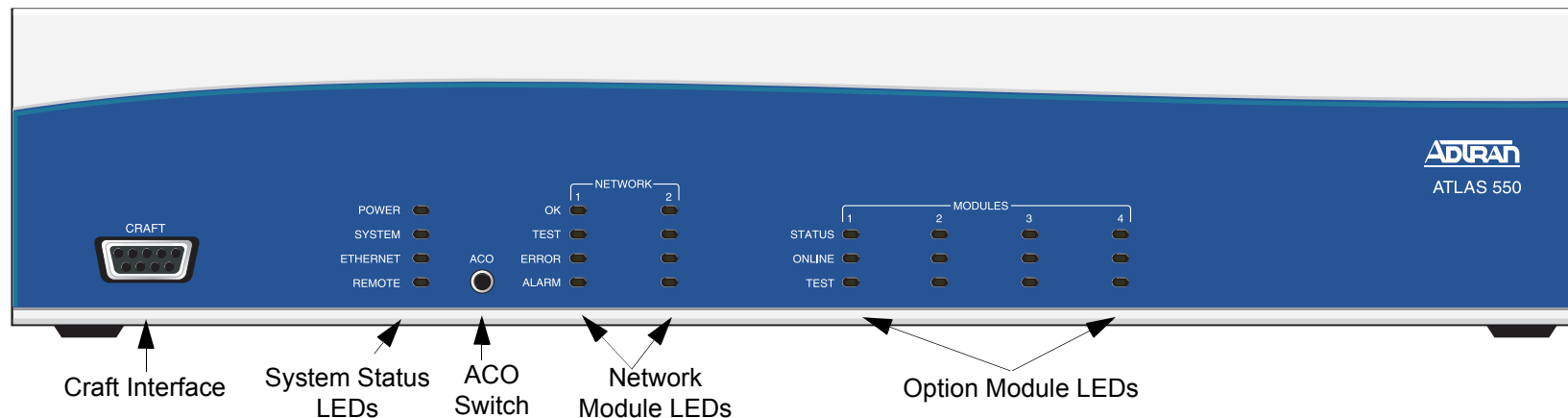
Connecting to the ATLAS 550

To access the terminal menus and management features of the ATLAS 550, connect the unit to a VT100 terminal (or VT100 terminal emulator) via the **CRAFT** interface on the front panel or the **ADMIN** interface on the rear panel.

Perform Steps Below in the Order Listed:

1. Configure a VT100 terminal (or terminal emulation software) with the following settings:

Data Rate:	9600 baud
Data Bits:	8
Parity Bits:	None
Stop Bits:	1
Flow Control:	None

   If the terminal has a parallel setting, disable it and use serial.

2. Connect an appropriate cable into the ATLAS 550 **CRAFT** or **ADMIN** port, and connect to the VT100 terminal.

3. Initiate a terminal session and the **LOGIN** screen displays. The default password is **password**. (Passwords in the ATLAS 550 are case sensitive.)
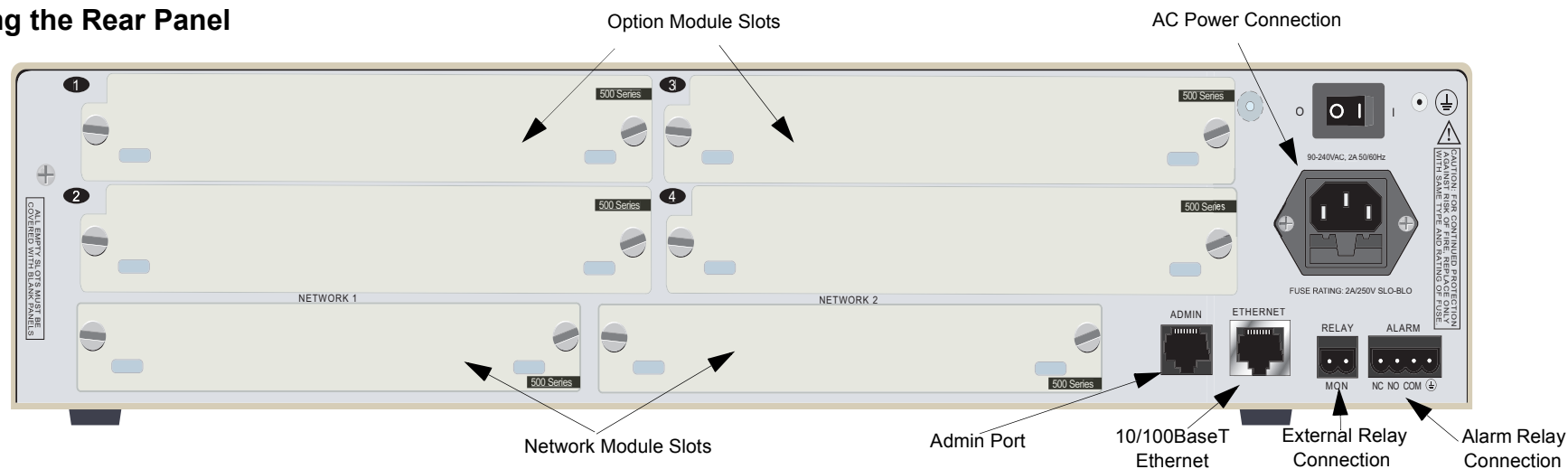
Craft Pinout

PIN	NAME	DESCRIPTION
1, 4, 6-9	N/A	Not Connected
2	RD	Receive Data (output)
3	TD	Transmit Data (input)
5	SG	Signal Ground

System Status LEDs

The System Status LEDs display the status of the power supply, controller, and other system conditions for the ATLAS 550. For a more detailed discussion of the front panel LEDs, refer to Section 2, *Engineering Guidelines*, of the ATLAS 550 System Manual.

LED	Description
Power	Indicates the status of the power supply.
System	Indicates the status of the unit controller and other system conditions.
Ethernet	Indicates the status of the Ethernet port.
Remote	Indicates whether a user (Telnet or VT100) is logged in to the unit.

Reviewing the Rear Panel

Option Module Slots • AC Power Connection • Network Module Slots • Admin Port • 10/100BaseT Ethernet • External Relay Connection • Alarm Relay Connection

Admin Interface Pinout

PIN	NAME	DESCRIPTION
1	SG	Signal Ground
2	RTS	Request to Send (output), follows CTS
3	TD	Transmit Data (input)
4	DTR	Data Terminal Ready (output), +12 V
5	RD	Receive Data (output)
6	DCD	Data Carrier Detect (input)
7	—	Not Connected
8	CTS	Clear to Send (input)

10/100BaseT Ethernet Interface Pinout

PIN	NAME	DESCRIPTION
1	TX1	Transmit Positive
2	TX2	Transmit Negative
3	RX1	Receive Positive
4,5	—	Unused
6	RX2	Receive Negative
7, 8	—	Unused

External Relay Connection Pinout

PIN	NAME	DESCRIPTION
1	Alarm Out	Outputs EIA-232 level signal for connection to external alarm contacts.
2	Alarm In	Monitors signal coming from external alarm contacts.

Alarm Relay Connection Pinout

PIN	NAME	DESCRIPTION
1	Normally Closed (NC)	Opens when a selected alarm condition is present.
2	Normally Open (NO)	Closes when a selected alarm condition is present.
3	Common (COM)	Common connection between external circuitry and NC or NO terminal.
4	Chassis Ground (GND)	

Connecting Power to the ATLAS 550

The AC-powered ATLAS 550 comes equipped with a detachable 8-foot power cord with a 3-prong plug for connecting to a grounded power receptacle. Please refer to Section 3, *Network Turnup Procedures*, of the ATLAS 550 System Manual for more detailed instructions.

CAUTION

- *This unit shall be installed in accordance with Article 400 and 364.8 of the NEC NFPA 70 when installed outside of a Restricted Access Location (i.e., central office, behind a locked door, service personnel only area).*
- *Power to the ATLAS 550 must be from a grounded 90-240 VAC, 50/60 Hz source.*
- *The power receptacle uses double-pole, neutral fusing.*
- *Maximum recommended ambient operating temperature is 45°C.*