

# SiteBoss™ 570

## Remote Site Controllers



### Highlighted Features

- Control and power-cycle 10 DC devices up to 500watts each.
- Manage and monitor up to 16 non-networked serial devices.
- Detect and trigger responses to up to 1000 serial alarm messages.
- Monitor and control up to 24 sensor inputs and outputs including contact closures, voltage inputs, 4-20ma inputs and/or relay outputs.
- 802.1Q VLAN support on both Ethernet ports helps you maximize traffic efficiency and administration flexibility.
- IP Routing allows you to access other network devices via the SiteBoss 570 dial-up modem.
- Connect up to 16 remote EventSensor™ modules to monitor temperature, humidity, voltage, contact closures, and/or output relays up to 1000 feet away .
- On-board temperature sensor (optional).
- Receive and convert SNMP traps/informs into text alarms.
- Send alarms via TCP/IP to ensure reliable delivery of alarms.
- SendSNMPtraps via your dial-up ISP if the Ethernet connection fails. (PPP)
- Send alarms via pager, E-mail, TCP Alert and/orSNMPtrap.
- Compatible with HP Openview®, Spectrum®, and all other SNMP-based network management systems.
- Easy-to-understand MIB.

\* Note: some features only included on certain models

### Technical Specifications

- Secure remote equipment access
- Technical Specifications
- Dimensions: 17.5 x 1.75 x 11 inches (44.45 x 4.45 x 28 cm)
- Weight: 8.75 lbs (4 kg)
- Mounting: Shelf or tabletop; rack mount
- Power Requirements: -48VDC
- Back LEDs: Ethernet TX/Link, Serial TX/RX
- Front LEDs: Dialup & Wireless Modem, 4 Ethernet Active, 3 Alert, 10 Relays, 8 Sensors
- Serial Ports: Four, Eight, Twelve or Sixteen DCE RJ45
- Baud Rates: 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200
- Local Command Port: RS-232 DCE RJ45
- Modem: Internal 33.6k Baud or Wireless modem (optional)
- Network: Dual 10/100Mb Ethernet
- EventSensor Bus: Support Asentria EventSensors
- On-board Temperature Sensor: +/- 1 degree C (1.8 degree F)
- Up to 24 optional on-board sensors including dry contacts, relay outputs, or voltage inputs (+/- 75 Volts or 0-5 Volt sensors. 1% accuracy) depending on configuration
- Real-Time Clock: Standard
- Protocols: TCP/IP, Telnet, SNMP, FTP, TAP, SMTP, PPP, SSH, SSL, SFTP, HTTP, HTTPS, SNTP, NTP
- Alarm Notification: Pager, E-mail, SNMP Trap, TCP
- SNMP Traps: Specific traps assigned per variable (e.g. per contact closure). Five standard traps, 200 user-defined traps
- Trap Messaging: Captures description of alarm event (temp value, alarm string, etc.)
- Trap Formats: SNMPv2c Traps/Informs
- Operating Temp: 0° to 40°C
- Non-operating (storage) Temp: -20° to 60°C
- Operating Humidity: 10 to 80%
- Non-operating (storage) Humidity: 10 to 80%
- MTBF: 61520 hours



## SiteBoss™ 570

Remote Site Controllers

### **Manage and monitor your remote 48V cabinets to keep your mission-critical equipment running despite threats.**

Sure, you can manage the servers and routers in your remote cabinets, but what about the other elements that could cripple your network? The Asentria SiteBoss 570 helps you prevent unexpected, undiagnosed downtime from non-networked, non-SNMP devices and environmental conditions. Why allow these elements to remain dangerously outside the scope of your network management system when you can integrate them now without custom programming?

### **Power Cycle Remote Equipment**

The SiteBoss 570 can power cycle up to 10 different DC circuits with up to 500 watts on each circuit with custom designed DC relays. Reduce the number of trips to remote sites. Increase uptime by quickly being able to reboot locked up devices. Complete upgrades without having to send a technician.

### **Secure remote access to non-networked or network equipment**

Every data center contains numerous devices with serial ports as their primary or backup control port. The SiteBoss 570 provides a pass through serial-to-network interface for up to sixteen (16) non-networked serial devices via secure network or modem connection, and includes features for logging and alarm monitoring on these ports.

### **Monitor contact closures for critical alarm information**

Many non-networked devices indicate alarm states only with contact closures. These devices are easy to monitor simply run a paired wire between any dry contact closure output and the SiteBoss 570. Almost immediately you can integrate backup power,

electronic equipment, door contacts, smoke and carbon monoxide detectors, or outputs from machinery.

### **Monitor environmental and voltage conditions for hazards.**

The SiteBoss 570 supports a variety of sensor options including combinations for temperature, humidity and voltage, as well as output relays and additional contact closure inputs. They can be used to detect power failures, battery failures and threatening conditions such as fires, floods or overheating before your critical equipment is damaged or destroyed.

### **Flexible Interfaces**

The SiteBoss 570 is capable of connecting to the network via dual auto-sensing 10/100 Ethernet ports as well as dial-up or wireless modem. The SiteBoss 570 provides 802.1Q VLAN support on both Ethernet ports to maximize traffic efficiency and administration flexibility.

### **Custom engineering and application flexibility**

Advanced intelligence and communications capabilities make the SiteBoss 570 system adaptable to a variety of situations. The SiteBoss 570 employs the Lua scripting language which allows you to harness the power of the SiteBoss 570 management features without exposing security holes at your remote site.

### **Getting the message back to your staff**

Alarms can be transmitted via modem and network, as pager alarms, SNMP Traps, TCP messages or E-mail. With flexible messaging capabilities, customized alarms can be received and displayed on your existing SNMP management system.

# Feature Matrix

Hardware Features	
Onboard Ethernet Ports	2
Onboard Serial Ports	5
Expansion Card Bays	3
Optional Serial Ports	Up to 12**
Low Current Relays	Up to 24**
Analog Voltage Inputs	Up to 24**
Contact Closure Inputs	Up to 24**
SensorJack Connectors	Up to 24**
Wireless Modem Expansion Card	1***
ADSL Modem Expansion Card	1***
Dialup Modem Option	1***
High-current DC Relays	10
MMC Memory I/O Slot	1
On-Board Temperature Sensor	1***
EventSensors Support	Up to 16
Communication Options	
FTP	Push, Pull*
SFTP	Push, Pull*
PPP	X
SSH	X
Telnet	X
Web Browser	X
Serial Pin Alarms	X
Serial Data Alarms	X
Multi-Line Alarm Support	X*
Octel/Avaya/Nortel Alarm Support	X*
Send Alarms over Dialup PPP	X
Record Collection Options	
Serial Port Record Collection	X*
SNMP Trap Capturing	X*
Alarm Notification Features	
SNMP Traps	X
Modem Callouts	X
TCP Alarms	X
Email Alarms	X
Remote Device Access Features	
Pass-Through Serial Port Access	X
Connect using Dialup PPP	X
Dialup Access to other Devices on the remote LAN	X
Configurable Security Profiles	X
CHAP Authentication	X
Restrict Dial-in Access Using Caller ID	X
Restrict Network Access by IP Address	X
Other Notable Features	
Audit Log	X
Record Logging Storage	128K
Scripting	X



\* Scheduled for Q4 07 release

\*\* Numbers based on using all expansion card slots

\*\*\* This feature is an option and has additional costs





[ 1200 N. 96th St., Seattle, WA 98103 ] [ Tel: 206.344.8800 ] [ Fax: 206.344.2116 ]

[info@Asentria.com](mailto:info@Asentria.com)

[Asentria.com](http://Asentria.com)