

SiteBoss™ 450

SiteBoss™ 450 and **TIMOS** software provide Power, Environmental, Security and Equipment remote monitoring services.

SiteBoss™ 450 establishes a link between a telecommunication site (BTS, FH, satellite) and the Network Operation Centre.

SiteBoss™ 450 provides a local connexion to a range of sensors, peripherals and equipments (generator, router,...).

SiteBoss™ 450 provides a full duplex, wired and/or wireless, connection between the site and the NOC.

MONITORING FEATURES

- **AC power supplies:** measurement, detection and control for 3-phase & single phase AC current.
- **DC power supplies and distribution:** measurement and control of rectifier, battery and electric loads.
- **Environmental conditions:** temperature, humidity, leakage, smoke, fire, air flow.
- **Security:** access control, intrusion detection, CCTV (up to 3 cameras), fuel level follow up, tower light control.
- **Equipment remote switching:** fuel and solar generator, hybrid generator, router, switch, HVAC, ...
- **Real time follow up, historical, statistics, reports, ...**

HIGHLIGHTED FEATURES

- **SiteBoss™450** is based on powerful Linux operating system.
- **SiteBoss™450** supports 2 Serial I/O, 1 Ethernet port and 4 EventSensor ports.
- Easy configuration and management using Web interface or **TIMOS** equipment and site management software
- Advanced system security using protocols as SSH V2, SFTP, RADIUS.
- **SiteBoss™450** generates alerts or alarms: SNMP TRAPs, TCP/IP messages, emails, SMS, using 4 threshold levels
- **SiteBoss™450** integrates a script editor (LUA) and a program of script triggering. Scripts allow a smart management of power consumption, HVAC, operation and maintenance.
- Any EventSensor or peripheral is already known by **SiteBoss™450** and by **TIMOS** software.
- Thanks to TIMOS and its very quick setup, once the specific parameters of the site are fulfilled, the full system works.
- Thanks to its database, **TIMOS** allows follow up, alerts, historical, statistics.
- Thanks its decisional runtime software (Crystal Reports™ from SAP™), **TIMOS** allows to any user to generate easily and quickly: reports, charts, graphics ...

VERSIONS

SiteBoss™450 is provided in 5 versions depending on the I/O expansion card (*).

- 10 C
- 8C + 1M + 1R
- 6C + 1M + 3R
- 5C + 1V + 1M + 3R
- 4C + 2V + 1M + 3R

(* C (contact), M (4 / 20mA), V (-60V / +60V), R (relay)

DEVICE SPECIFICATIONS

- Dimensions
 - Width: 28 cm
 - Depth: 18,3 cm
 - Height: 4,1cm (1 U)
- Operating conditions:
 - Temperature: -40° C up to +60° C
 - Humidity: 0 up to 95% (Non-condensing)
- Certifications : ROHS, CE, CSA/UL
- MTBF: 80 000 hours

OPTIONS

- **ME** internal EDGE modem
- **P1** Power supply -48V DC, with output +24 V DC, +15 V DC, -15 V DC, +12 V DC for powering EventSensors™ and peripherals
- **TIMOS** EMS & NMS software for the whole network management



front panel ↗

back panel ↘

