



DATA CENTRE/SERVER ROOM

MONITOR

• CONTROL

• SECURITY

P194 MONITORING UNIT

Environment Monitoring

A GSM based alerting system where SMSes are sent to your cell phone wherever you are on the planet. Monitor and remotely control your server room/data centre facilities to keep the room running optimally. All events are dual monitored and logged on our base station for auditing purposes when requested.



FEATURES:

19 Inputs, expandable to 38

GSM Based which means messages will be sent directly to your cell phone or e-mail wherever you are, time & date stamped with delivery verification

Customised user packages starting with 4 High priority recipients and capable of a maximum of 200 users, all with alert filtering as standard

Transmits self diagnostic every day. Shows current temperature, humidity levels and signal strength in room

Built in UPS with 5 day backup

Processor identifies days of the week (Monday to Sunday) on each port

Alert delay/retriggering (1second to 2 hours)

Secure access to system microphone

Base Station support for logging, auditors reports and auto routing

Drop call function allows up to 20 approved users to operate an output with no call costs

Alert escalation – SMS followed by automated, no answer, call from the monitoring unit

Automatic output control from an alert, with notification and remote override

Alert delay/retriggering (1second to 2 hours)

Request actual Temperature and Humidity levels at any time via SMS

E-mail

Multi use counter – generator fuelling in litres, production, entry/exit.

Wireless sensors for remote DR rooms and generator facilities to avoid infrastructure costs

Service maintenance anywhere in Southern Africa (1-5 Year warranty options available)

19 PROGRAMMABLE INPUTS (Expandable to 38)

Enables you to monitor an array of potential problem areas, for example:

Main Power		Be alerted of Eskom power failures/restoral
Temperature		Know when your server room is too hot
Humidity		Monitor high and low humidity levels
Fire	Panel Fault	This will alert you of any common fault on the panel
	Smoke Detected	One of the smoke detectors has detected smoke
	Gas Released	Be notified that the extinguishing gas has been released
Water Leak		Notification of a leaking aircon
UPS:	Output	UPS batteries have run out of power
	Input	The power going to your UPS has failed
	Common Alarm	Be alerted that your UPS is detecting a fault
	Running on Inverter	The UPS is offline/back online
	Battery Low	Know when the UPS batteries are about to fail
Access Control		Receive alerts after hours of the server room door opening/closing
Generator:	Running/Stopped	The generator has started/stopped
	Panel Fault	A fault has been detected on the AMF panel
	Common Alarm	A fault has been detected with the generator
	Low Fuel	Know when the generator fuel is low/replenished
	Fail to Start	Your generator has failed to start running
	Temperature Alert	The generator temperature is too high
	Oil Pressure	Oil pressure is incorrect

4 CONTROLLING OUTPUTS (Expandable to 8)

Enables you to remotely control (automatic or manual) various equipment in your server room using password protected codes and cell number recognition:

Open Doors		Release server room door from your cell phone
Air-conditioners	Remote Control	Turn your backup aircon on at any time remotely
	Automatic Rotation	Pre-set backup aircons to run at critical times during the day
Generator	Start/Stop	Set your generator to self test once a week
Fire System	Release Gas	Release the extinguishing gas from your cell phone
Remote Power Reboot		Reboot the power to equipment
Emergency lighting control		Control your emergency lighting
Axil Micro-DC Cabinet	Unlock Door	Release the cabinet door
	Emergency Fan Control	Turn the fans on remotely if cabinet gets too hot