SMS ALARM ALERT™

CONTINUOUS CONTROL AND MONITORING OF ALARM CONDITIONS USING SMS / GPRS / ETHERNET COMMUNICATION TECHNOLOGY

8x DIGITAL INPUT TO COMMUNICATE SEPARATE ALARM CONDITIONS

- Each input can be triggered to send a SMS to up to 16 Cellphone numbers
- A time delay can be set for each input before it is triggered
- Separate messages can be configured for on and off states of the input signal
- Messages to be sent can be programmed by the user via the software provided or through SMS communication via a Cellphone
- On or off status can both be reported to predefined Cellphone numbers
- SMS Reporting can be disabled for an alarm condition
- Semiconductor Temperature input
- GPRS communication to Server Monitor
- Integrated Hour meter for each Digital Input
- Frequency pulse Input, Timer and or Totaliser options

Cellcop 88Micro Logger

4x ANALOG INPUTS FOR MEASURING, CONTROLLING OF PLANT SIGNALS

- 10Bit resolution with 1Hz sample rate on each channel.
- Available signal inputs include 0-10V, 1-5V and 0/4-20mA.
- Analog inputs can be expanded by one of the following expansion cards:
  10Bit 4 channel / 10Bit 16 channel or 24Bit 4 channel

8x DIGITAL OUTPUT TO CONTROL ANY ELECTRICAL DEVICE

- 4x or 8x relay output card as expansion modules.
- Outputs can be controlled via a Cellphone using SMS (Switching the output on, off or pulse)
- Outputs can be set to follow the state of an input
- Outputs can be switched via the 24x programmable time schedules
- Status of an output can be requested from the unit by SMS
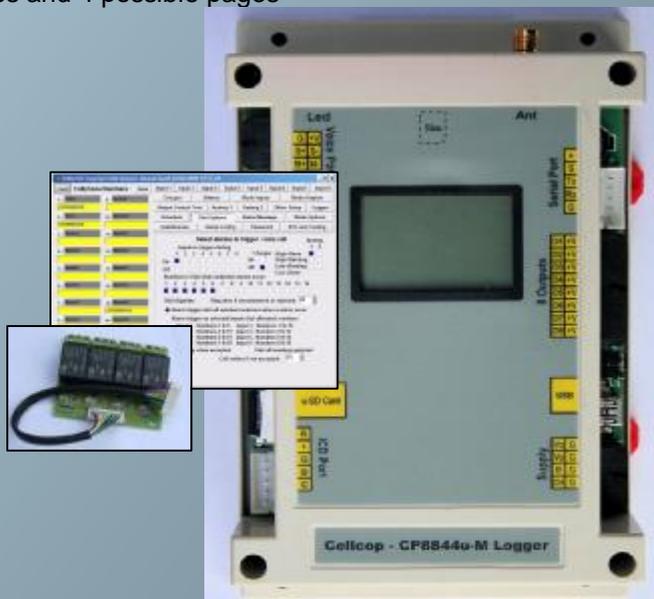- SMS / GPRS communication of status

MONITOR POWER

- Continuous monitoring of AC power
- Continuous monitoring of battery status
- Up to 16 numbers can receive SMS when a power failure occur and when the power return.
- SMS / GPRS notification on battery status to programmed numbers.

DATA LOGGER, CLOCK, TIMED EVENTS, MODES, GATE REMOTE AND LCD DISPLAY
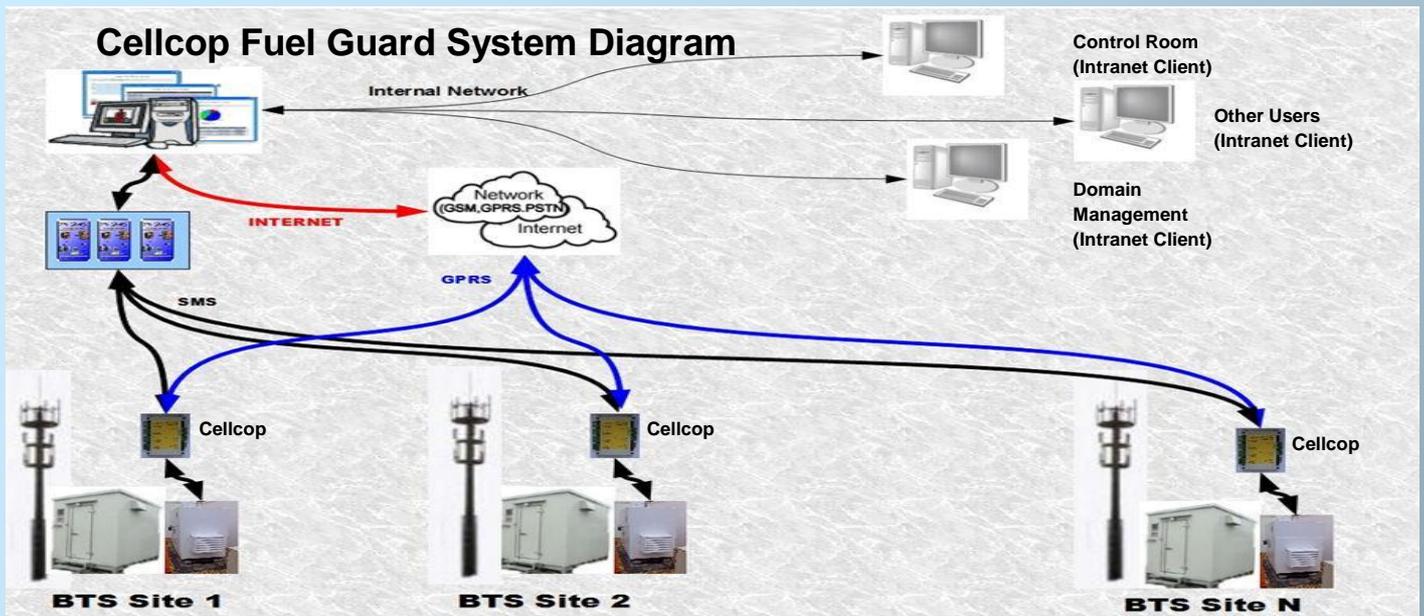
- Programmable logging of each in/output with 2GB internal log points
- GPRS sending of packet data / SMS / data call retrieval
- Programmable timed events i.e. latch relays on pre-programmed date and time via real time clock
- Three programmable monitoring program modes i.e. ON / OFF / SLEEP.
- LCD Display with 6 information lines and 4 possible pages

FEATURES

* SMS / GPRS / DATA CALL / ETHERNET
* DATA LOGGING FEATURES
* REAL TIME CLOCK
* TIMED EVENTS
* WINDOWS BASED SOFTWARE
* USB COMMS CABLE
* CELL / MODEM AND ANTENNA OR
   WIRELESS ETHERNET CARD
* BATTERY AND CHARGER
* NON IP RATED PLASTIC ENCLOSURE
* DIN RAIL MOUNT / M3 SCREW MOUNT
* SUPPLY: 10-26VDC
* AUX SUPPLY TO TRANSDUCERS
* SIZE (mm): 145 (L) x 90 (W) x 35 (H)
   (EXCLUDING ANTENNA, TERMINALS,
   BATTERY AND POWER SUPPLY)

Cellcop - CP8844u-M Logger

Example application of the SMS ALARM ALERT Cellcop 88Micro Logger as a Fuel Guard with optional Server Monitor Software

Cellcop Fuel Guard System Diagram

The System will allow for numerous field stations to communicate via GPRS / SMS / Data Call / Ethernet to the Cellcop Server Monitor. Packaged data can be send periodically and should GPRS fail, SMS sending of data and or alarms can be pre-programmed. A 2GB internal log capacity ensures that important data and alarms are never lost. Upon GPRS signal return the system will automatically send all relevant data to update the site data base.

The Cellcop Server Monitor will handle all GPRS / SMS incoming data and append site data base. GPRS / SMS functions can be de-activated if not required. A combination of SMS alarms with Ethernet communication is possible to allow real-time data management with SMS notification on alarm conditions as an early warning system.
The Server can also act as the Master Alarm Manager and send alarms to various numbers in order of importance.

A user interface allows for online / offline data retrieval, viewing and analysis with export and reporting options.

Customisation of the Server Monitor allows for individual specifications to be catered for.

CONTROL

SYSTEMS

TECHNOLOGY

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