

MiniMon

MiniMon

MiniMon Focus:

- Minimon is a customised low cost, embedded monitoring unit.
- The unit collects data from various types of sensors and transmits it via Ethernet/232/485 or GSM to a central server for storage and viewing.

Interfaces:

- MiniMon can interface to temperature sensors such as PT100, pressure, humidity, counters, speed, rotation, analogue, digital and status values.
- MiniMon can also connect to 1-wire devices for low cost temperature, humidity and dew point readings.
- MiniMon has a few built in digital inputs and outputs and a relay output that can be used to interface to sensor devices directly.

Target Market:

- Monitoring in confined or harsh environments.

Technology:

- Embedded device collects data from sensors.
- Windows based Internet server with a ASP.net web application servers the data.
- Database stored in MS SQL.
- Reports are manually/automatically generated by users as needed.



Diagram 1 MiniMon Web Interface

Clients:

- SPAR PE Distribution Centre

Application:

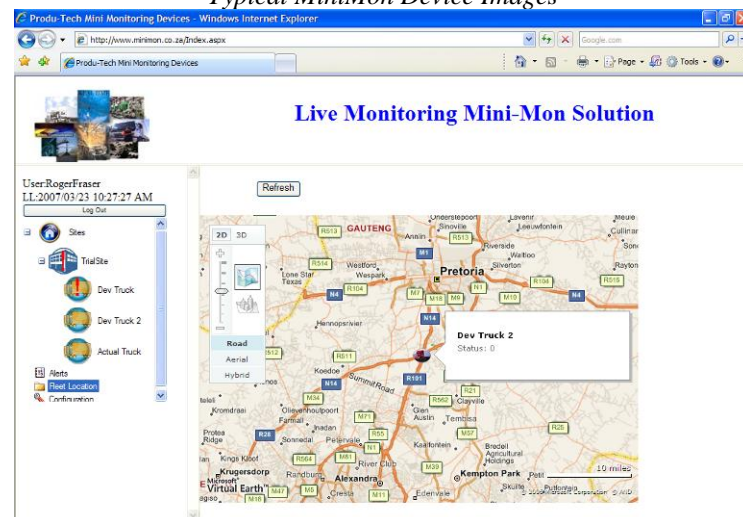
- The software is customised to meet each deployment's requirements.
- It can read in most digital and analogue values using interface equipment such as the 485 Modbus units and some sensors can be directly connected to the unit.
- The data is stored into a database.
- The data is used to generate charts in the web application (see diagram 1 above).
- Reports can be printed from the displayed graph.
- Alerts can be set on the server and will be generated when data is received from the unit above a preset threshold.
- Using a GSM unit, location information may be gathered as well.

Cost:

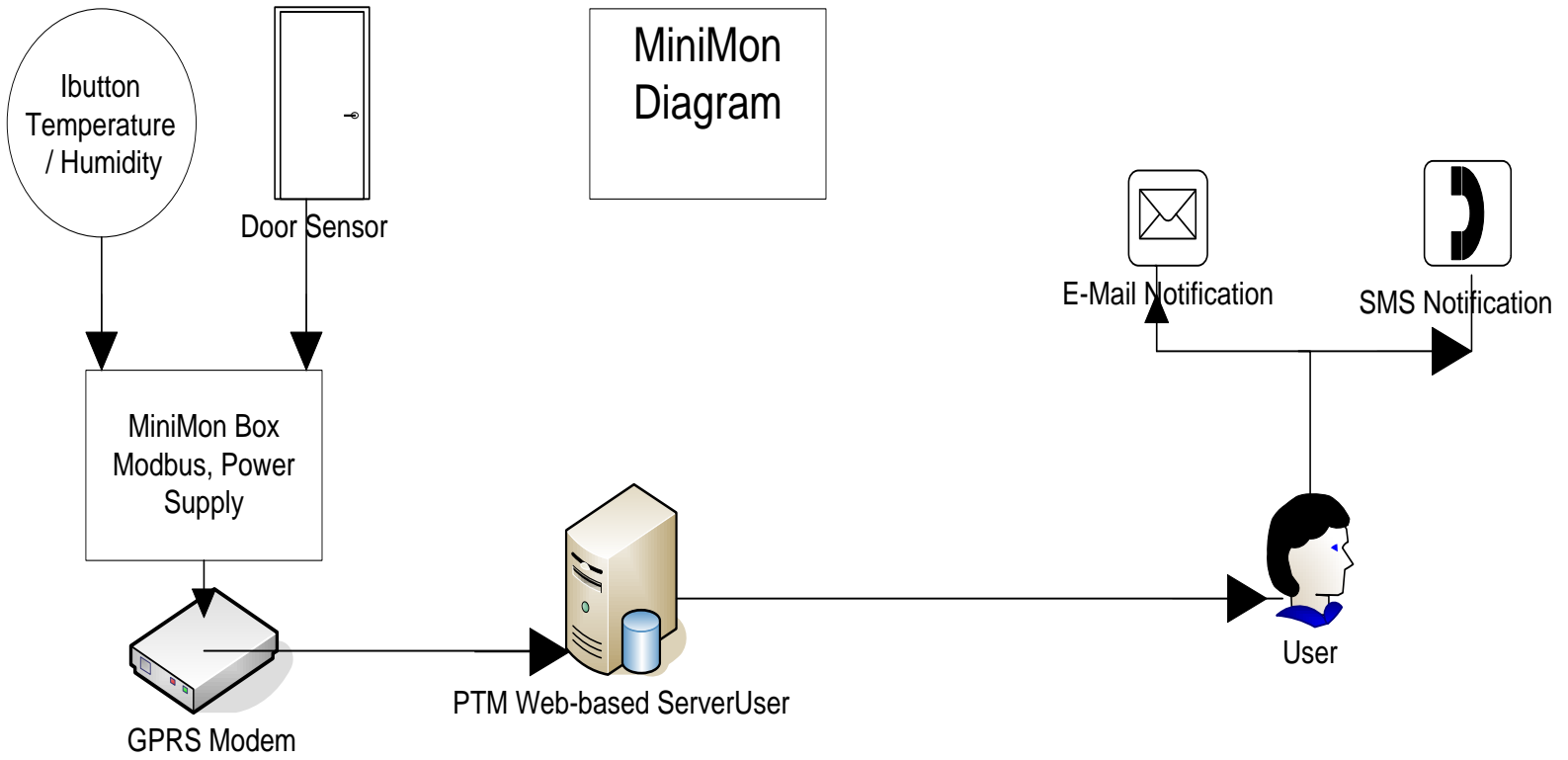
- Costs vary per installation; a sample cost sheet is available on request.



Typical MiniMon Device Images



System Layout:





Contact Details:

Physical Address Operations:

7 Limpus rd ,
Pinetown ,
Durban
3610

Phone Operations: 0317086642

Fax Operations: 0866181075

Email Operations: admin@livemonitoring.co.za

Physical Address Admin:

Shelly Beach,
Margate
4265

Phone Admin: 0393157267

Fax Admin: 0393157269

Email Admin: kay@lantic.co.za

Postal:

P.O.Box 558,Shelly Beach,4265