

The WT1010 GSM control unit allows communication to, and from a remote site via a mobile phone, and SMS messaging.



It has 4 independent switched inputs, and 4 outputs, all of which can be programmed to SMS pre-programmed numbers, and/or activate other switches.

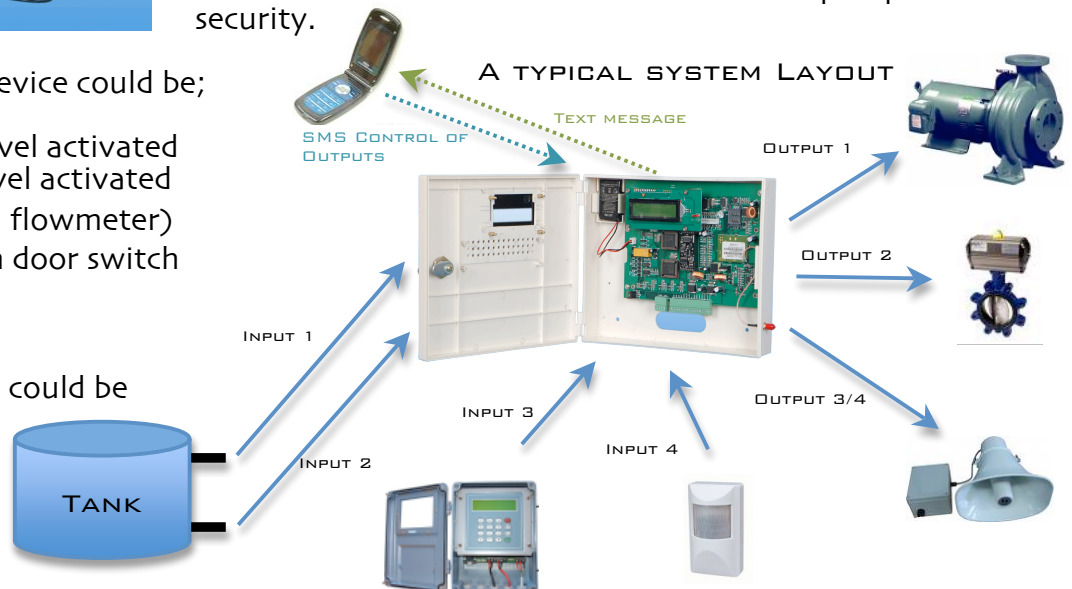
For example, you may have a pump shed with a pump, a header tank (with a high, and low point level switch installed) and a flowmeter (with a no-flow relay switch output). You could also set up a magnetic contact switch, or a IR motion detection sensor inside the pump shed for security.

The 4 inputs into the device could be;

- 1 – Header tank high level activated
- 2 – Header tank low level activated
- 3 – Flow stopped (from flowmeter)
- 4 – Security alert (from door switch or IR sensor).

The outputs you set up could be

- 1 – Start/Stop Pump
- 2 – Operate Valve
- 3 – Turn on/off lights
- 4 - Audible Siren



Scenario 1 : If during operation, the header tank high level switch is be triggered, the unit may be programmed to;

*Stop the pump (output 1 off), Open the valve (output 2 on for 10 minutes), and contact up to 9 SMS numbers with a message (ie "Site xx , Tnk Hi Lvl Alarm").*

The WT1010 can even be programmed to trigger the outputs for a predetermined amount of time then turn off again (ie turn on pump for 10 minutes)

Scenario 2 : If the input 4 is triggered (Security alarm), you could program the unit to;

*Turn on the siren (output 4 for 5 minutes), turn off lights (output 3) then SMS selected numbers with a message (ie "Site xx – Security Breach").*

By connecting a standard touch tone phone to the WT1010 (cable supplied), it can also be used as standard telephone using the GSM network to make, and receive calls (mobile charges will apply).

The WT1010 is equipped with a battery backup, so will continue to operate even if the power goes off. In the event of a power failure, it can be programmed to SMS up to 9 different numbers advising of power cut.