

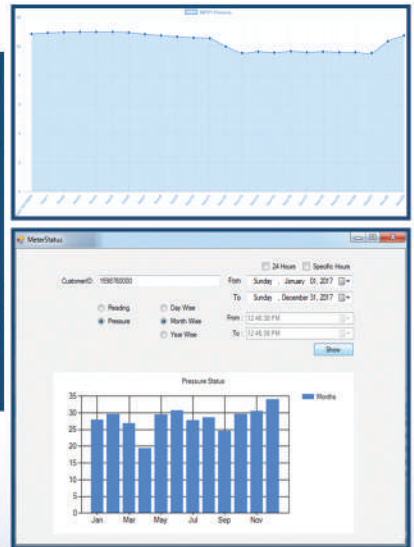
Smart Pressure Monitoring (SPM)

Pressure monitoring of pipe line be it Liquid or Gas is very important as pressure drops are critical for the operation of the network. major losses can be preempted with effective monitoring Excessive pressure can cause pipe to rupture and pressure loss can indicate pipe leakage or theft. SPM device can operate on pipe line for Five years without requiring any service. It is very Low power device. Which works on internal battery.

SPM Operation:

The Device sample the Pressure every Ten Minutes and calculate an hourly average .In case the pressure is above or below the set threshold it can send SMS alert immediately. The Hourly reading are saved in memory, 24 hourly reading are uploaded as single packet on a web server once every Day .The LCD display is Turned On by pressing the Switch on the panel to indicate the Pressure, GSM Level, Battery Level,Time Etc .The Pressure data is available online through login access. The Data can be reported in Graphical /Tabular/Report Formats. Different type of Triggers can be set in the server to generate Alerts so If any device does not report it will show in the alert window.The Unit can also be customize according to the specific needs.

SPM



SPM Specification

Description:

Value:

Working Voltage	3.8v-8v DC
Battery	Alkaline Battery 1.5 x 4 2600MAH
Battery Life	10 Years
Operating Current in Sleep	6uA
Operating Current LCD Active	20mA
Operating Current GSM Active	80-100mA
Operating Temperature	-5degC to 70 Deg C
Battery Duration	5 Years (One Pac/Day)

