Flovac Monitoring System

The Flovac Monitoring System (FMS) shows the operating conditions of the vacuum station, collection chambers and the Flovac interface valves.

Smart Information

One of the tenets of “Cities of the future” is that all main infrastructure is “SMART”

The Flovac Monitoring System (FMS) allows operators to immediately respond to potential risks in the sewage network. This is an advantage that vacuum systems have over gravity systems in that all aspects of the system can be monitored by the asset manager or operations team. If energy use is rising or evidence of infiltration occurring these issues can be addressed and easily responded to.

The ability to quickly be aware of a problem and respond to the exact location is also a major benefit, especially when dealing with either remote or large schemes.

Flovac have developed a MODBUS communications protocol for monitoring all aspects of your vacuum sewerage system. The monitoring takes place in two main sections.

1. The Vacuum Pump Station
2. The Reticulation Network

All information can be sent via a web based system or linked to SCADA and relayed to a PDA or remote office. Touch screen operation is also available at the VPS.

www.flovac.com
The entire system can be monitored by a touch screen at the vacuum pump station or via the internet, or by a mobile device.

The operator can monitor each time the valve opens or closes and informs the operator of any illegal stormwater entry to the sewer system during rainfall events.