



Field Smart Technology

Operational Continuity & Efficiency

Minimising
Unplanned Downtime

Regulatory Compliance

Environmental and
Risk Management

Ease of Use

Simple and Intuitive

Connectivity & Dependability

Connected, Secure
and Dependable

You deserve to know how your pump is performing. The new generation of Xylem Field Smart Technology (FST) is an advanced telemetry and cloud-based system that allows you to monitor and control your pumps from anywhere in the world.

**In the middle of the night.
In the middle of a storm.
At your most remote site.**

xylem
Let's Solve Water

Xylem Field Smart Technology

Functionality and Features



**Turn it on. Turn it off.
See flow rates, fuel levels and more.**

Solving water may be tough, but being smart about it has never been easier.

Common Engine and Routine Maintenance Service Alarms

Engine Hours | Diagnostic Codes

Battery Life | Engine Oil Life | Oil Filter | Compressor Belt | Service Intervals

Remote Engine Monitoring and Control

Speed | Coolant Temperature | Battery Voltage | Oil Pressure | % Load | % DPF Soot | Fuel Rate | Fuel/DEF Levels¹
Start | Stop | Accelerate | Decelerate

Remote System and Pump Monitoring¹

Flowrate | pH Level | Fluid Temperature / Pressure | Total Suspended Solids | Sump Level

Geo-location

Global Positioning System (GPS) Location and Viewing | Cellular and Satellite

Alarms and Notifications

Text | Email | Automated Telephone Alarming

Multiple Languages

English | French | German | Italian | Spanish

¹ Additional sensors required

Manage your pumps anywhere, anytime with the new generation of Field Smart Technology

Field Smart Technology integrates with pumps and engine controllers, and provides invaluable control and information about your pumps. With remote monitoring and control from any smartphone, tablet or desktop computer, it's nothing short of amazing.



Flexible Subscriptions and 24/7 Service

Subscription Plans

Flexible subscription plans enable you to select only the monitoring and control features and services you need. Intuitive with a modern look and feel, the system is easy to use on all common web enabled devices, and 24/7 FST support come as standard with all subscription levels.

○ **Base Plan***

Access, monitor and view FST equipped devices and receive text and email notifications. Includes:

- Common engine and routine maintenance service alarms
- Remote system monitoring¹
- GPS location
- Alarms and notifications
- 24/7 FST support
- Multi-language user interface

○ **Advanced Data Service**

Advanced telemetry data and logging for remote engine, system and pump monitoring

○ **Remote Control Service**

Remote engine control to remotely control pump performance

○ **Telephone Alarming Service**

Make telephone alarm calls and interactive phone alarms (X Cloud Users)

○ **Satellite Connectivity Service**

Communicate with satellite in areas where mobile service is not available.

Depending on frequency and data needs, two options are available:

- Basic satellite connectivity
- Premium satellite connectivity

Xylem's Field Smart Technology is standard on Godwin S series pumps, and can be added or retrofitted to other Godwin pumps including electric sets, or even used standalone. Please contact our sales and product support for details.

Xylem software meets standard US/EU security protocols.

Learn more at xylem.com/security

*Base Plan is mandatory where cell or satellite connectivity is available and is a prerequisite for all service levels.

Indiana sewer replacement project implements customized bypass solution

“Field Smart Technology provided real-time diagnostic and reporting information about each of the pumps, as well as monitoring data. This enabled us to prepare for upcoming storm events with contingency planning measures, such as pumping down the system to the lowest possible levels in advance of the event, to provide maximum storage space and reduce the likelihood of a sanitary sewer overflow. The data could be accessed remotely, which ultimately eliminated the need for onsite 24/7 pump watch duty, saving more than \$100,000 USD in labour hours. Alerts via text message gave our team remote visibility to pump activity and reassurance that the system was working as designed.”

A project manager for Blankenberger Brothers Inc., Indiana, US





Operational Continuity & Efficiency

Minimising Unplanned Downtime

- › Increase uptime by planning maintenance by monitoring engine service parameters, or fuel levels
- › Reduce costs with real-time alerts to understand if equipment is operating correctly or optimally
- › Optimise performance and reduce damage by monitoring pressure, flow, vibration and other parameters
- › Remote control for better pump performance and labour utilisation
- › Use geo-location to optimise service route and travel



Regulatory Compliance

Environmental and Risk Management

- › Receive real-time alerts to enable rapid response to events such as outages, flooding or breaches
- › Monitor, control and record discharge volume and quality into water courses
- › Minimise or avoid personnel being exposed to hazardous areas



Ease of Use

Simple and Intuitive

- › Simple and intuitive cloud-based software for range of users
- › Round the clock 24/7 FST support for peace of mind
- › Available on mobile, tablet or desktop
- › Multiple languages



Connectivity & Dependability

Connected, Secure and Dependable

- › Maintain uptime and monitoring to critical or remote assets with two-way real-time cell/satellite communications
- › Remote software updating for security, reliability and longevity
- › Software meets standard US/EU security protocols