

Xemote™ Cloud

Complete System Software Access & Support

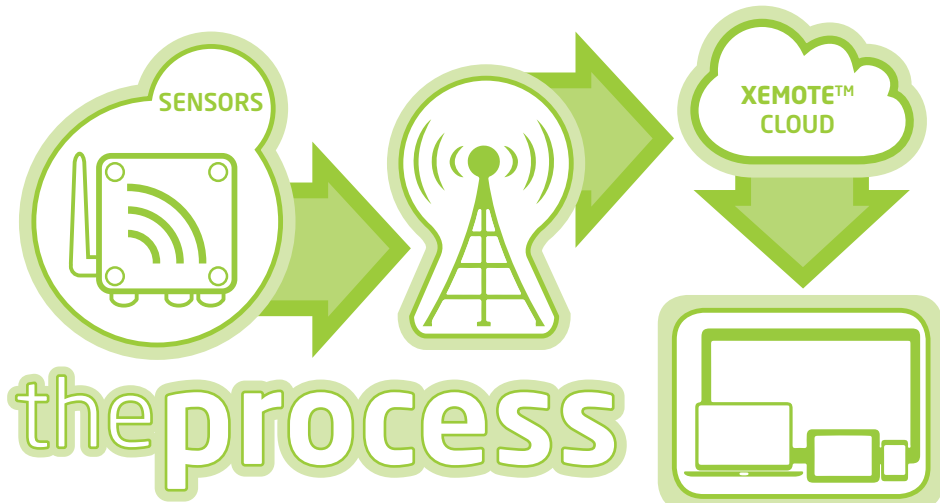


Introduction

Today, any person with a smart device has immediate access to a plethora of vital data such as breaking news, electronic communication and financial information. Whenever information is required you can have it in a matter of seconds. We truly live in amazing times.

If you are operating in an industrial space however, it is often quite difficult if not impossible to find the necessary comprehensive data required to make an informed decision on improving a process or resolving a problem.

Even real-time data issued from current automated systems are still limited in their comprehension of the problem space they are monitoring and only provide information after a key event of critical interest has taken place which is often too late for the necessary preventative/corrective actions to be executed. So why is this happening?



The Problem

Although many industrial facilities employ some form of process monitoring or data logging system to report real-time process data, the use of such systems is often limited to event triggers or notification only. The capturing, processing and storing of valuable data is often done on an irregular and reactive basis.

When irregularities occur, and they always do, a complete account of the process history is often not available. Without a complete process history the involved decision makers and role players are less effective and have reduced proficiency to improve those processes that have been compromised.

In a world of ever increasing competition, being slow to improve is not a good and sound strategy.

The Solution

The **Xemote™** Cloud (Complete System Software Access & Support) provides a low-cost and proven way to capture, report and store data coming from the **Xemote™** monitoring hardware, closing the gap in the process history archive.

This greatly improves both process control and risk management of various critical application areas and significantly supports:

- Troubleshooting problems faster
- Effortlessly identify improvement opportunities
- Cost effective management of regulatory requirements

Benefits

The **Xemote™** Cloud's high performance process software compliments the **Xemote™** monitoring hardware that together delivers a complete end-to end monitoring, reporting and historic data analysis solution. This provides the end user with the following consequential value driven benefits.

1. Real-Time Visibility into Processes

- **Xemote™** Cloud provides accurate and reliable Critical Control Point and process data that is immediately available
- Graph visualisation tools allow combination of various parameters on graphs for a holistic view of monitoring points
- Customise your dashboard information and perform trend analysis on critical parameters and turn historic data into actionable information.

2. Historical Data Analysis

- **Xemote™** Cloud offers automated processing of raw historical data into manageable and readable formats for instant audit readiness
- Electronic trend analysis provides identification of negative trends that may lead to food safety incidents
- Customised data exporting and analysis functions displaying information in context.

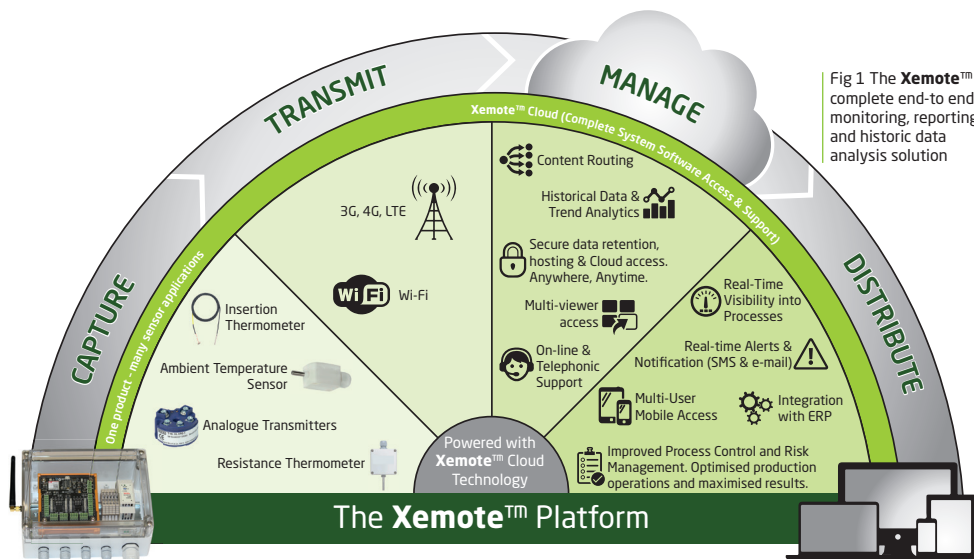


Fig 1. The **Xemote™** complete end-to end monitoring, reporting and historic data analysis solution

1. Advanced Event Activation

- **Xemote™** Cloud is the interface for operational excellence and abnormal situation management
- Each recorded measurement parameter can have multiple triggers and relevant personnel may be notified via SMS or email alerts when irregular events occur.
- User defined trigger conditions automatically notify the correct people of events.

2. Mobile Access

- **Xemote™** Cloud provides mobile access which helps the relevant personnel to stay fully informed on the plant's performance with access to vital information at their fingertips, regardless of their physical location.
- Multi-user access using any form of internet connectivity such as a smart device or PC.

3. Secure Data Hosting, Access & On-going Local Support

- Access to the **Xemote™** Cloud comprises of a 24 month support agreement. This is much like a mobile phone contract which provides the GSM connectivity to the **Xemote™** monitoring units and the hosting of measurement data on the **Xemote™** web server.
- This monthly support service includes 50 SMS alert notification, unlimited e-mail alert notification, 24 hour on-line support, business day telephonic support, secure data hosting & retention, multiple-user access to the **Xemote™** Cloud management & analytical software.

4. Resource Management

- **Xemote™** Cloud assists in achieving improved productivity through increased operator awareness and reduces operational risks by providing dual redundancy of Critical Control Point monitoring.
- The use of electronic systems such as **Xemote™** Cloud improves resource management (cost, time and manpower) currently required to manually collect record and process data and reduces response time and system downtime.
- Use of electronic systems reduces the cost of a manual paper system by eliminating current stationary & physical storage costs.
- Superior Quality Assurance provides added value and peace of mind to clients.
- Cloud access reduces spending on and upgrading of technology infrastructure.

5. System Integration

- **Xemote™** Cloud is positioned as the monitoring software system of choice for future integration with eHAS (electronic Hygiene Assessment System) modules.
- **Xemote™** integrates with ERP.

Summary

A complete process history is vital to modern industrial companies if they want to minimize cost and maximize productivity, reduce waste, provide traceability for auditing purposes and maintain safety and environmental compliance.

The **Xemote™** Cloud is highly scalable, secure and can provide key information to any type of user through a selection of desktop and mobile reporting and analysis applications. The **Xemote™** Cloud applications provide an ideal solution to any industrial company looking to optimise their operations and maximise their results.



Remote Measurements | Critical Control Points | Real Time Notifications | Global Access

Contact Us

Can your business afford not to benefit from the comprehensive **Xemote™** solution?

Contact us on 012 665 1122, info@xpitec.co.za or visit www.xpitec.co.za.

Our team of talented engineers will be happy to assist with a bespoke solution for your business.