

Data Integration and Remote Monitoring with Ease on a Small Scale Wide Area Monitoring System

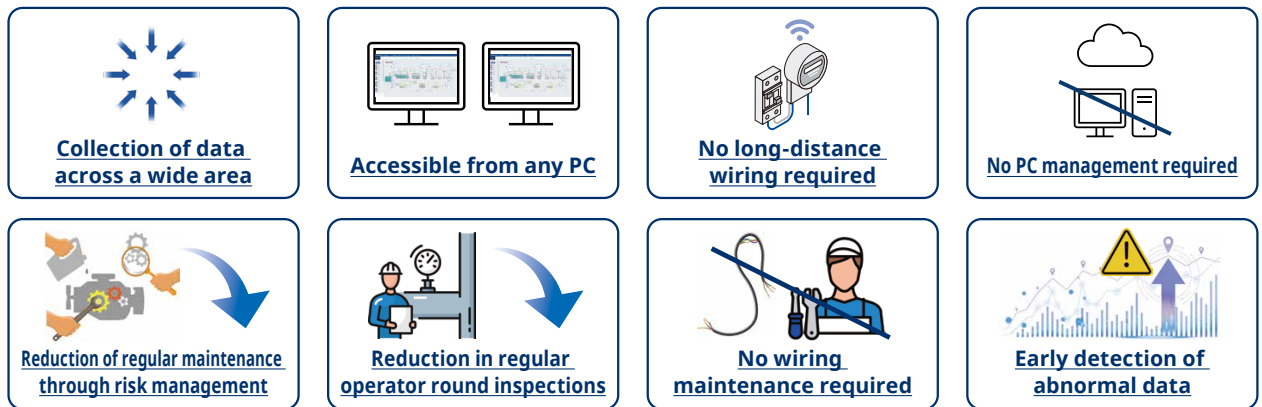
From Hardware to Cloud – Leave Everything to Yokogawa!

Remote monitoring with ease on a small scale Create new value with various types of connectivity and integrated management

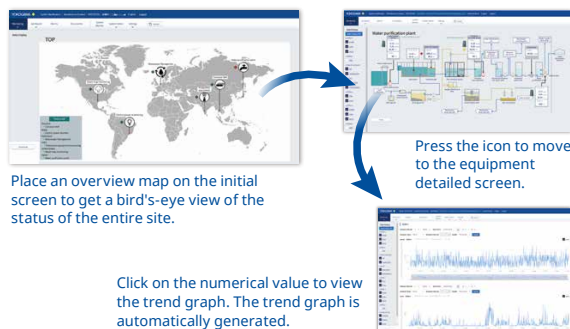
Wide Area Monitoring System is a cloud-based system that collects and stores sensor data, enabling centralized management across multiple facilities and locations. The system provides data viewing, trend graph displays, and data analysis capabilities, with seamless integration to other systems. By optimizing the four key management resources—Human, Financial, Physical, and Information Resources—the system helps manufacturing sites operate more efficiently across diverse industries including manufacturing, energy, healthcare, and agriculture.



The advantages of selecting the Wide Area Monitoring System include the following.



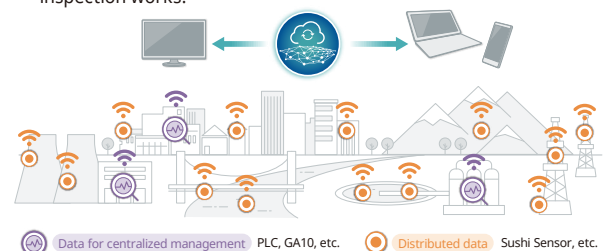
Usage example (overview to detailed information on equipment)



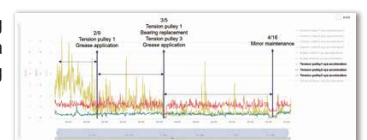
- Easy screen creation with screen editing tools available in your browser
- Alarm settings available for thresholds and sensor errors
- AI detection of “unusual” conditions in equipment based on acquired data
- No special software installation required other than a browser

Benefits

- Remote monitoring reduces the burden of operator rounds and inspection works.

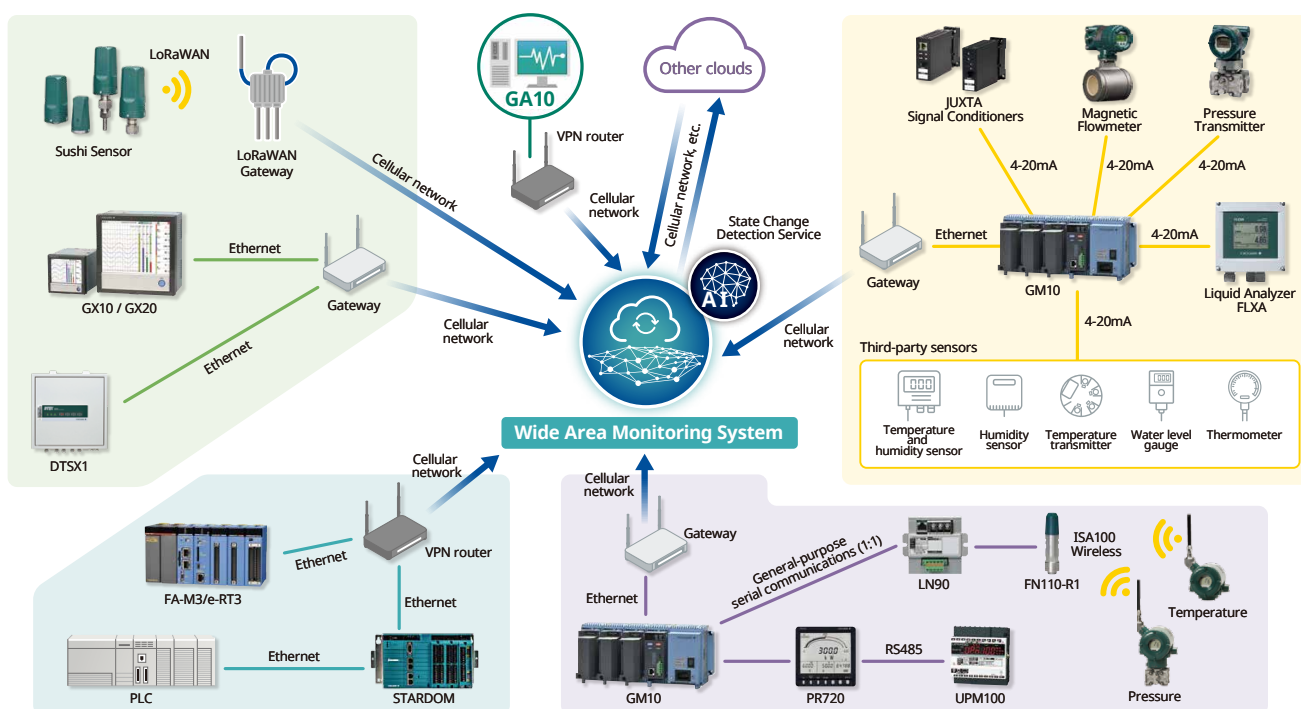


- Observing trends during maintenance provides a starting point for shifting from TBM to CBM.

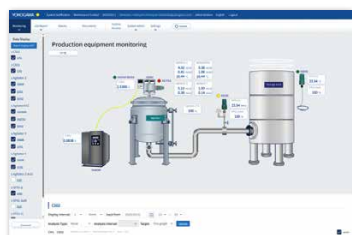


Examples of Practical Usage

Examples of connectable devices



Application examples and value provided



Equipment predictive maintenance



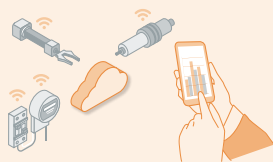
Total equipment monitoring



Wide-area site management

Reducing the burden of operator round inspections and improving detection ability

- Inspection anytime, anywhere
- Reduction in travel man-hours



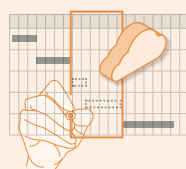
Work Style Reform

- Improved efficiency through remote monitoring
- Reducing the burden of emergency response during holidays



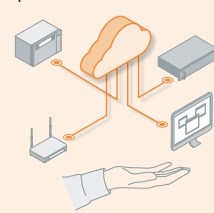
Automating manual measurements

- Alternative measurement for long-term maintenance
- From instantaneous values to trend analysis



AI/DX entry model

- Experience cloud utilization
- Promotion of IoT implementation in the field



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