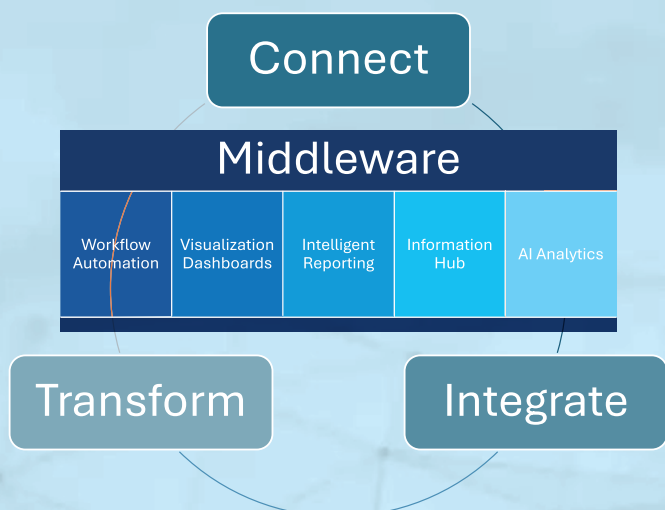


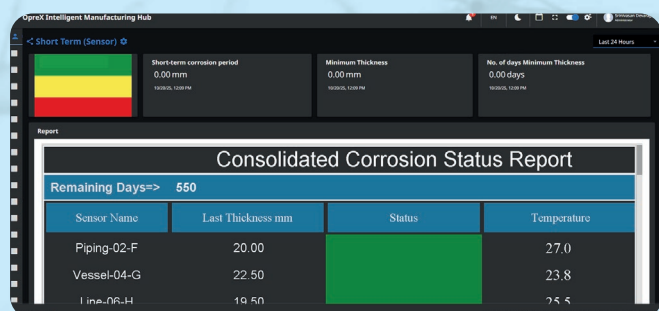
An Integrated Corrosion Monitoring Solution: Yokogawa Oprex Intelligent Manufacturing Hub and Inductosense

Yokogawa OpreX Intelligent Manufacturing Hub

The solution consists of unifying OT and IT data, applying advanced analytics, and transforming information into clear, actionable insights - empowering smarter decisions and faster progress.



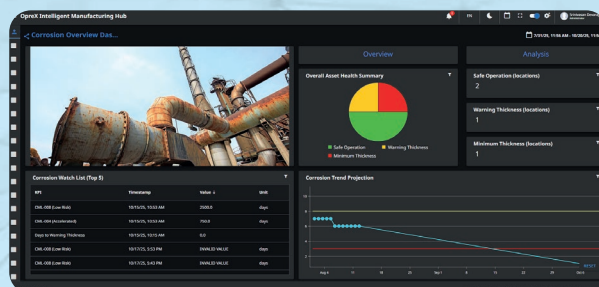
- Individual sensor trend plots
- User customizable data visualization dash boards and reporting
- Corrosion rate calculations
- End of life calculations
- Data integration and overlay with other data sources for analytics
- RBI calculations
- Corrosion heat maps
- Digital Twin Integration



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The Inductosense WAND Solution is a cost effective, scalable system that uses permanently installed sensors to provide accurate and repeatable ultrasonic wall thickness monitoring. Data can be collected either manually or remotely using WAND data collectors and analysed through the iDART software.

The data can be integrated with Yokogawa IMHub for deeper analytics and reporting.



Scan QR code for more details

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WAND THICKNESS MONITORING SENSORS (TMS)

Thin, battery-free ultrasonic sensors which are permanently installed at thickness monitoring locations on the surface of pipework and vessels, providing repeatable thickness readings free of human-error.



WAND HANDHELD DATA COLLECTOR (HDC)

WAND-HDC is an easy-to-use handheld tool that wirelessly activates, and collects a wall thickness reading from a WAND-TMS within a second while in close proximity.



WAND REMOTE DATA COLLECTOR (RDC)

WAND-RDC is a compact, intrinsically safe (ATEX Zone 0 rated), battery-powered device that automatically collects thickness data from up to 8 installed WAND-TMS.

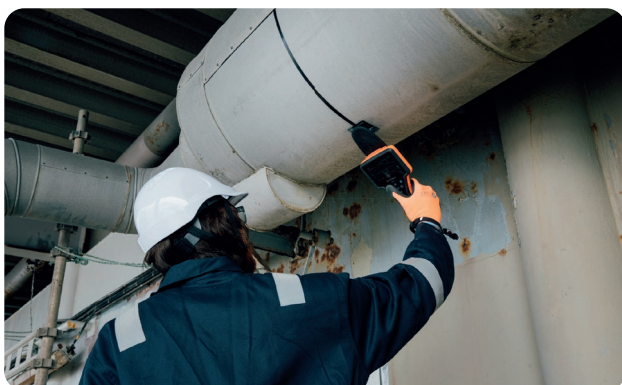


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REACH

Accessory for the WAND-HDC that extends up to 4.3m / 14.1ft. Mount the WAND-HDC to the REACH for data collection from WAND-TMS installed in difficult access locations, to support hard-to-reach corrosion monitoring.



ECHO

Ultra-thin, flexible extension cable that provides access to WAND-TMS for under insulation corrosion monitoring. The cable can collect wall thickness data from under coatings, cladding, or in confined spaces, without the need for removal or direct access.



WAND-ONLINE

Fully digitalised, remote wall thickness monitoring. Accurate, real-time wall thickness measurements transmitted via 4G to the cloud, and accessible from your desk through iDART software.



iDART

Cloud-based software package for use with WAND. iDART enables configuration of the WAND data collectors, as well as management, analysis and export of WAND ultrasonic thickness data.

