

Secure First Mile™ connectivity

Connectivity solutions for securely sending data from operational technology (OT) equipment to the cloud for expert analysis and interpretation provided through Emerson Connected Services.

Recognizing that secure transport of data is vital, Emerson has developed new solutions that automate data transfer for its control valve condition monitoring service. Emerson Secure First Mile solutions are developed to collect critical equipment data via traditional OT protocols and send them to cloud-based software systems for analysis by experts. With the flexibility to accommodate the wide variety of infrastructure that exists at process industry facilities, these architectural solutions enable Emerson experts to safely access plant data and provide actionable recommendations.

Emerson engineers, solution architects and cybersecurity specialists will work with Connected Services customers to determine the right solution for their individual situation and support the complex implementation process that involves collaboration with a diverse set of stakeholders across the OT and IT domains.

These architectural blueprints are available for Control Valve Condition Monitoring services today, but they are also being developed to support other Connected Services offerings for ultrasonic flow meters, Coriolis flow meters, gas chromatographs, multiphase flowmeters, isolation valves, electronic actuators, pressure relief valves, control systems and more.

Emerson can help you expand the scope and scale of services while leveraging a common approach for secure connectivity.

