Deploy robust IIoT

to quickly realize process improvements

Are you ready to improve your facility performance to its highest level?

Omron takes the holistic approach to the industrial internet of things (IIoT). Where education and comprehensive data paths are foundational to long term IIoT solutions. By pairing a fundamental understanding of digitalization topics with the Sysmac industrial automation platform, teams are prepared to create solutions that increase machine performance. These solutions are rooted in Sysmac's One Controller, One Network, and One Software methodology.

Through Sysmac IIoT, operations teams:

- Learn from IIoT experts who introduce key IIoT concepts which can be used in practice immediately.

- Deploy industry proven IIoT solutions which quickly gather data efficiency, non-intrusively, and decrease hidden costs.

- Collaborate with IIoT experts to identify process specific IIoT opportunities which can scale plant-wide.
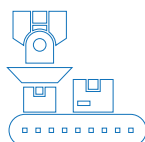
Omron teams conduct all training and deployment alongside your team members to maximize impact of data gathering.

Do you have challenges harnessing the data in your facility?

1. Stalled OEE improvements due to a training gap within your team?

2. Underutilized equipment due to challenges connecting multi-vendor control systems?

3. Requiring off-the-shelf software tools to bridge the IT and OT divide?

Holistic IIoT focuses on how data should move from production line to decision enabling visualization

Learn how to capture data at the source and transfer it effectively for last mile visualization

Get the Data From Machines without Compromising Machine Performance[1]

Globally open industrial protocols IO Link, EtherCAT®, and EtherNET/IP™ are all used as designed to provide an effective path from digital devices to a single controller. Capture multi-vendor data for greater impact using your native communication network. Learn how.

Securely Send Data to Central Locations[1]

With MQTT, OPC UA®, and SQL, the Sysmac platform can efficiently transfer data to a central location in a web server or simply keep data on edge. Both options are available in NX controllers. Learn how.

Visualize the Data and Take Action

Visualizing data is critical for understanding where process improvements can be made. The Sysmac platform can create simple dynamic reports using a range of off-the-shelf tools. From the integrated development environment of Sysmac Studio to various third-party software solutions. Learn how.
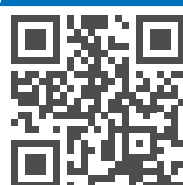
WHO BENEFITS FROM IIoT?

- Maintenance Teams
- Quality Teams
- Manufacturing Engineering Teams
- Manufacturing Leaders
- IIoT Team Members
- Industry 4.0 Team Members

Contact a System Architect Team Member TODAY!

Email Us: Scan or Click Me

SA-Team@omron.com

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