

FACTORY AUTOMATION

# MANUFACTURING SOFTWARE SOLUTIONS

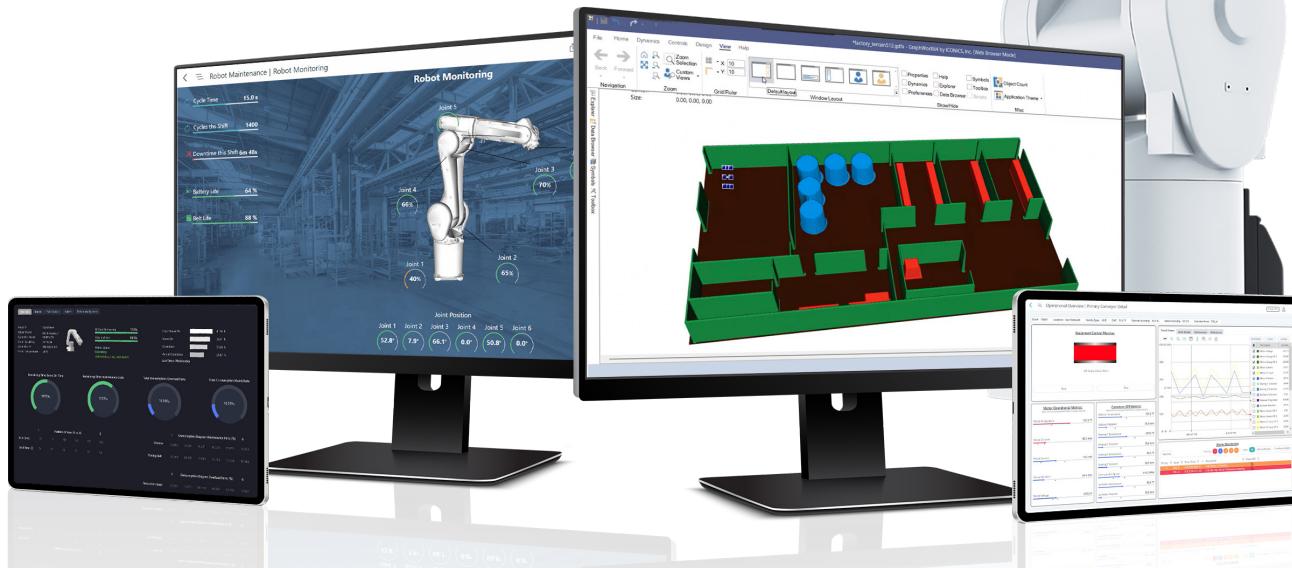
With Mitsubishi Electric Iconics Digital Solutions



- **Mission Critical HMI/SCADA**
- **Unified Visualization Dashboards**
- **Engineering and Configuration Tools**
- **Operational Excellence through Analytics**
- **Universal Connectivity**

# REAL-TIME EFFICIENCY

Manufacturers are pressured to increase production, lower costs, reduce downtime, and improve overall quality. GENESIS provides an open, secure, and unified secure platform to integrate lean manufacturing applications for productivity and plant asset utilization.



## MISSION CRITICAL HMI/SCADA

Well-supervised manufacturing operations depend on real-time HMI and SCADA systems to deliver scalable mission critical performance. Advanced alarm management, enterprise-scale historian, and stunning 2D and 3D graphics help integrate information from a wide variety of data sources. Redundancy, resiliency and security are built in at all levels. Users gain access to information, from anywhere, at any time using browser-based WebHMI with built-in analytic business intelligence, secure command and control, and GEO SCADA solutions leveraging Esri, Google and Bing maps.

- Rich visualization for 2D and 3D HMI/SCADA
- Scalable alarming, trending and data historian
- OPC, OPC UA, SNMP, Web Services, MQTT
- Sparkplug B compliant
- Redundant solutions, easy to engineer and deploy
- Leveraging the latest in Windows server technologies

## OPERATIONAL EXCELLENCE THROUGH ANALYTICS

Accurately visualize, report, and analyze plant metrics and KPIs such as OEE, Cycle Time, TAKT time, and more. Establish manufacturing benchmarks with real-time data aggregation, powerful data mining, and connectivity. Monitor quality and reduce scrap, machine errors, overall downtime, and energy consumption.

**“**  
By harnessing MEIDS software and their domain expertise, our equipment now tells our associates where the problem is and the impact it is having. We have enhanced our ability to proactively analyze quality and mechanical data, nurturing faster response times and even elements of prediction through SPC.  
**”**

Martin Molloy,  
Global Continuous Improvement Manager | Scholle IPN

## PRODUCTIVITY & QUALITY

Continuously calculate and deliver real-time OEE and other important KPIs to anyone in the organization. Improve quality and overall productivity with real-time delivery of key metrics, from any production and business system to provide instant causes of downtime, giving immediate recommendations for improvements.

- Improve quality and reduce equipment downtime
- Quickly identify performance issues and take action
- OEE & executive dashboards with real-time analytics
- Standard OEE and lean manufacturing reports

## ENGINEERING & CONFIGURATION TOOLS

Our web-enabled Workbench helps users reduce their development and application support by speeding up the configuration, testing and deployment of advanced SCADA applications through integrated project management and Zero Code configurations. Scale applications from an individual machine to a complete production line to an entire plant.

- Reduce engineering costs
- Web configuration of all systems functions
- Extensive project management and deployment
- S95 asset configuration and navigation
- Simple to create ad hoc and scheduled reporting

## UNIVERSAL CONNECTIVITY

Investments made in PLCs, controllers, field devices and instrumentation require robust, reliable and simple to configure interoperability solutions. MEIDS has been a leader for over 35 years in the area of standards-based connectivity, providing direct real-time database interfaces and communication from the shop floor to the enterprise.

- Mitsubishi Electric FA
- OPC UA and Classic
- SQL, ODBC, OLEDB, DB2
- SNMP
- BACnet
- Web Services
- AMQP, MQTT, Sparkplug B

## UNIFIED VISUALIZATION DASHBOARDS

Deliver Operational Efficiency KPIs and metrics from the shop floor to the board room using any Web browser. A comprehensive set of charting, graphics, trending, reporting, and alerting tools reduce engineering costs. Combine Mitsubishi Electric Iconics Digital Solutions' Web visualization with other Microsoft and third-party Web components to create stunning collaboration portals.



## BENEFITS

- Future proof your investment with 64-bit technology
- Preserve existing hardware investments
- Reduce engineering time and cost
- Automate collection of downtime cause & responsibility
- Web-based project management and deployment
- Quality and energy analytic capabilities
- Standard, custom and scheduled reports

## About Us

Mitsubishi Electric Iconics Digital Solutions (MEIDS), headquartered in Foxborough, Massachusetts, is a global leader in industrial automation, smart and sustainable buildings, and digitalization software. Our advanced HMI, SCADA, and Smart Building solutions enable businesses to visualize, monitor, and optimize their most critical assets and spaces. With installations in over 100 countries and adoption by more than 70% of Global 500 companies, we drive operational efficiency and continuous improvement across industrial manufacturing, infrastructure, and built environment sectors. Backed by cutting-edge technology and deep industry expertise, we deliver flexible, scalable, and high-performance software solutions. As a testament to our excellence, Mitsubishi Electric Iconics Digital Solutions has been recognized as a seven-time winner of the Microsoft Partner of the Year award.

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