



Digitized Automation for a Changing World

Delta Equipment Automation Program

DIAEAP⁺

Integrates diverse specifications and protocols, leveraging edge computing to achieve smart manufacturing. Enables effective production management.

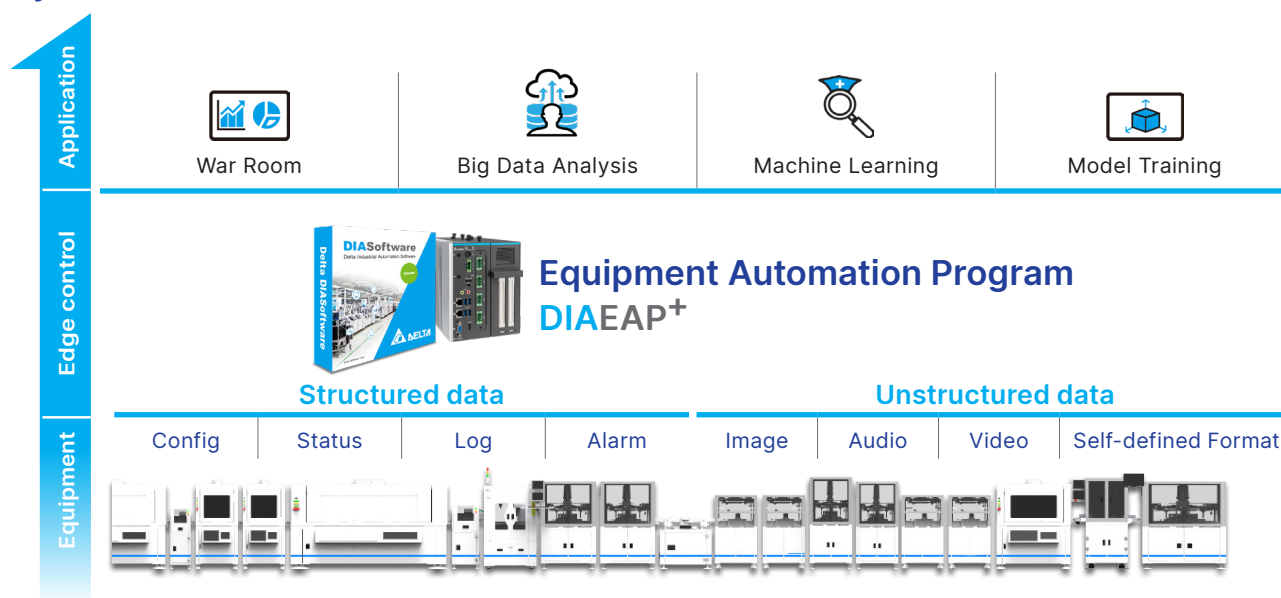
Simple web UI design, low-code development platform, rapid deployment

- Edge computing enables faster response times and reduces the loading on upper level systems
- Supports standard communication protocols, such as OPC UA, Modbus, SECS, CFX, and more
- No-Code/Low-Code platforms enable rapid data acquisition, management, and AI applications
- One-stop consulting service covers requirement analysis, spec development, system implementation, and maintenance
- Standardized assistance tool, Factory Automation Suite, ensures smooth deployment

Applications tailored to each industry

- Industry key parameter analysis, deep integration of production procedure
- Industry-specific modules for rapid deployment
- Monitoring visualization provides real-time device status for quick troubleshooting
- Independent operation to control equipment and production flow, ensuring seamless production despite anomalies in upper-level systems

System Architecture



System Functions

Production Monitoring



Centralized Monitoring



Data Intelligence



Issue Tracking



AI Services



Applications

Printed circuit boards, Electronics assembly, Electronic components, Semiconductor, Chemical

Equipment Automation Program (Electronics Assembly)

DIAEAP-EAS

A neural network for automated control of electronic assembly equipment, integrating diverse specifications and protocols. With edge computing, it drives equipment IIoT for more efficient management and line optimization.

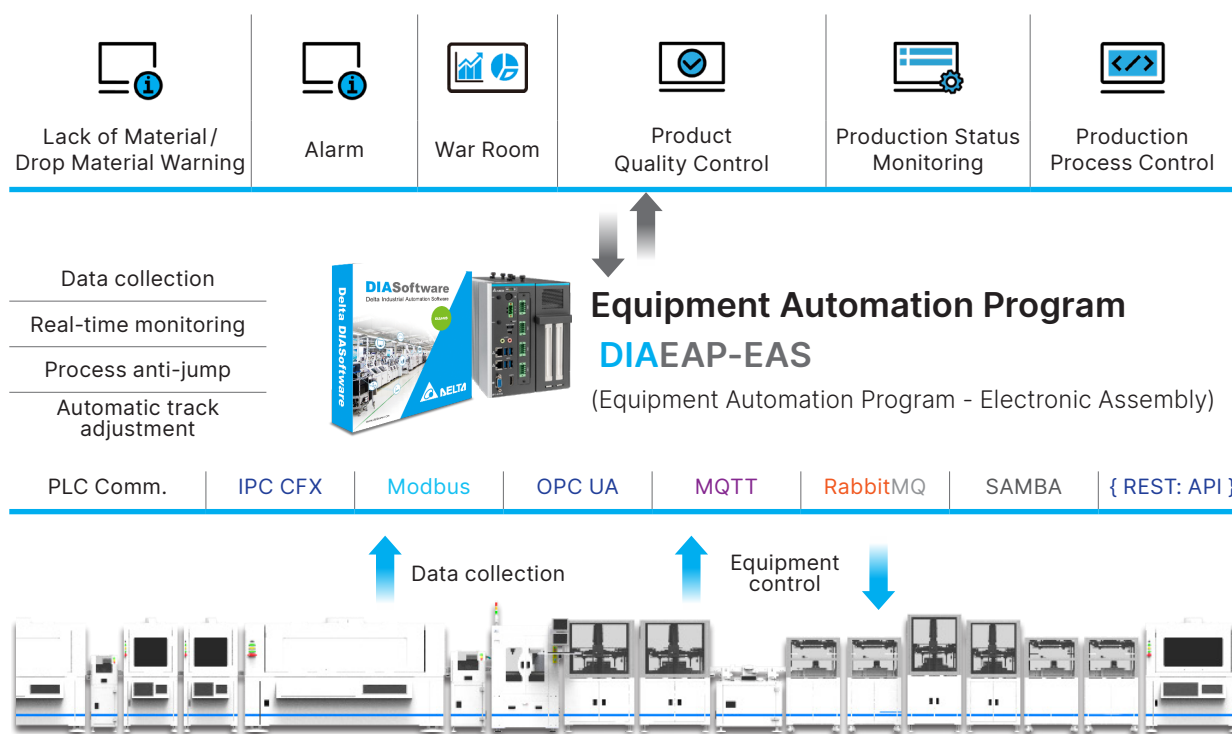
Equipment IIoT for electronics assembly

- Fast implementation of standard communication protocol
- Supports diverse protocols, such as Modbus, IPC CFX, and more
- Standard modular design lowers implementation costs, minimizes refitting, and enables rapid deployment

Precise process control to eliminate anomalies

- Supports simplifying recipe management processes to enhance production efficiency
- Proactive alarms, adjusts production UPH, precise data presentation, optimizes production scheduling
- Monitoring boards and modular applications specifically designed for electronics assembly

System Architecture



System Functions

Production Monitoring



Centralized Monitoring



Data Intelligence



Issue Tracking



AI Services

