

## Transform Any Protocol to SECS/GEM - Universal Protocol Conversion Made Simple

Convert OPC, MQTT, Modbus, EtherCAT, Profinet, and Ethernet protocols to SECS/GEM format instantly. No programming required. No SECS/GEM expertise needed. Deploy in minutes and unlock Industry 4.0 capabilities.

### Setup in Minutes

Traditional protocol conversion takes weeks. With EIGEMLink, you're operational in minutes without writing code.

### 100% Compliant

Fully compliant with 200mm and 300mm SEMI standards. Enterprise-grade reliability for production environments.

### 100% Support

Dedicated support team ensures your success from initial setup through ongoing operations.

## Supported Protocol Conversions

### OPC DA/UA → SECS/GEM

Tag discovery, real-time data, alarms & events

### MQTT → SECS/GEM

IoT messaging, cloud connectivity, QoS management

### Modbus RTU/TCP → SECS/GEM

Legacy device integration, register mapping

### EtherCAT → SECS/GEM

High-speed automation, real-time synchronization

### Profinet → SECS/GEM

Siemens industrial networks, distributed I/O

### Ethernet → SECS/GEM

Standard network communications

## Key Features

- **Universal Protocol Support** - Connect any industrial protocol without limitations
- **Zero Programming Required** - Intuitive interface handles all complexity
- **Cross-Platform Compatible** - Works across all major operating systems
- **Industry 4.0 Ready** - Enable real-time data exchange and predictive maintenance
- **Secure Communication** - Enterprise-grade security features
- **Scalable Architecture** - Single machine to enterprise-wide deployments
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- **Real-Time Monitoring** - Lightning-fast communication with low latency



## Applications & Use Cases

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### Semiconductor Fabs

Connect fab equipment to MES systems. Enable 200mm/300mm compliance and advanced process control.

### Smart Factory Integration

Bridge legacy equipment with modern Industry 4.0 platforms and cloud-based analytics.

### MES Integration

Enable seamless data flow between shop floor equipment and enterprise MES platforms.

### Industrial Automation

Integrate PLCs, SCADA systems, and controllers with SECS/GEM host systems.

### Multi-Vendor Environments

Connect fab equipment to MES systems. Enable 200mm/300mm compliance and advanced process control.

### Cloud & Edge Computing

Connect shop floor equipment to cloud platforms and edge computing infrastructure.

## Why Choose EIGEMLink?

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### Eliminate Custom Development

Save weeks or months of development effort. No expensive custom protocol converters needed.

### Lower Total Cost of Ownership

Single solution for multiple protocols reduces support overhead and maintenance costs.

### Extend Equipment Lifespan

Add modern connectivity to legacy equipment. Avoid costly equipment replacement.

### Future-Proof Infrastructure

Easily add new protocols as technology evolves. Stay ahead with Industry 4.0 leadership.