

# TRIBUTECH - IOT DATA MIDDLEWARE

## BUILD SECURE & SCALABLE IOT PLATFORMS FASTER

Building a reliable and secure IoT platform from scratch is complex, time-consuming, and expensive. Tributech provides a ready-to-use IoT middleware that ensures seamless data integration, security-by-design, and simplified compliance with evolving regulations – allowing you to focus on creating exceptional products.



## KEY CHALLENGES OF BUILDING AN IOT PLATFORM

Implementing IoT solutions from scratch is costly and risky, requiring extensive development effort, security considerations, and compliance with evolving regulations. Many IoT companies struggle with:



### LONG DEVELOPMENT CYCLES

Custom-built IoT stacks take multiple years to develop and require large teams.



### SECURITY & COMPLIANCE RISKS

New regulations (e.g., EU Cyber Resilience Act, US NIST, ...) demand higher security measures.



### SCALABILITY ISSUES

Expanding IoT deployments without a robust architecture leads to exponentially increased effort.

## HOW TRIBUTECH'S IOT MIDDLEWARE ACCELERATES IOT DEVELOPMENTS

With Tributech, companies can accelerate development, enhance security, and simplify data integration while reducing costs and complexity. Our scalable middleware provides a secure foundation for faster and more efficient IoT platform deployment.



### BUILD SECURE-BY-DESIGN

Integrated zero-trust security architecture ensures a resilient IoT solution and simplified compliance.



### ACCELERATE TIME-TO-MARKET

Reduce development time by up to 70% with our secure and scalable IoT middleware.



### ENSURE SEAMLESS INTEROPERABILITY

Easily integrate with any edge and embedded device with our IoT Agent (docker) and IoT C SDK.



### DIGITAL TWIN KNOWLEDGE GRAPH

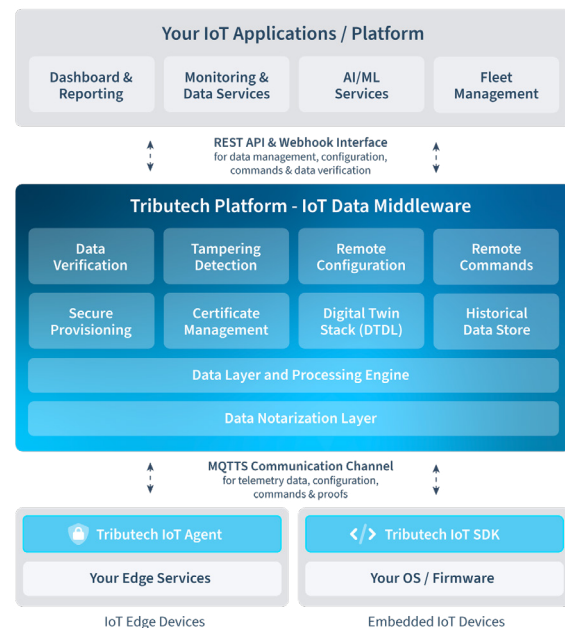
Connects assets, processes, and data into an intelligent network, unlocking deeper insights & value-added services.



# TRIBUTECH'S PLATFORM FOR IOT PRODUCT & SOLUTION INNOVATORS

Tributech's IoT middleware acts as a trusted data hub, seamlessly connecting IoT devices, edge computing, applications and AI systems. It enables:

- Standardized data integration across IoT edge and embedded devices
- Adds a security layer to ensure trust in data and device integrity
- Data management backbone by handling real-time data streams & historical storage at scale
- Provides a flexible foundation for scalable IoT applications and digital twin support.



## INTEGRATION INTO ANY EDGE AND EMBEDDED IOT DEVICE



### TRIBUTECH IOT AGENT

The IoT Agent is a containerized solution for seamless IoT and edge device integration with Tributech's secure middleware. It simplifies deployment while enabling data notarization and protocol interoperability.

Supports MQTT, OPC-UA, Modbus, REST, and custom protocols



### TRIBUTECH IOT C-SDK

The IoT C-SDK is a solution for resource-constrained IoT devices, enabling data notarization, integration, and interoperability at the firmware level. It provides a lightweight, scalable way to ensure trusted data from edge to cloud.

Integrates with RTOS, Zephyr, Linux and any custom OS or scheduler

## LEADING COMPANIES TRUST TRIBUTECH TO OVERCOME IOT CHALLENGES

Our customers and partners remove costly bottlenecks, secure IoT platforms from day one, and accelerate deployment—proving innovation doesn't require high risk and overhead.

**3X**

**FASTER-TO-MARKET**

Launch IoT solutions on a secure, scalable foundation from day one.

**70%**

**LOWER COSTS**

Reduce expenses for IoT security, scalability, and data integration.

**90%**

**REDUCED RISK**

Minimize security threats to data and AI services and protect business value.

