

HELPING CUSTOMERS ACHIEVE REGULATORY COMPLIANCE

AGAINST NUMEROUS REGULATIONS

Staying ahead of rapidly evolving regulations like Eco-design for Sustainable Product Regulation (ESPR), Cyber Resilience Act (CRA), the EU Data Act, and the EU Artificial Intelligence (AI) Act is a major challenge for organizations navigating complex digital landscapes. Tributech helps you ensure compliance at every step, seamlessly integrating trust, transparency, and control into your data processes.



KEY COMPLIANCE CHALLENGES AND HOW TRIBUTECH PROVIDES SOLUTIONS



NAVIGATING REGULATORY COMPLEXITY

Companies increasingly struggle to stay abreast of rapidly evolving, complex, and expanding regulatory landscapes.



OVERLAPPING REGULATORY REQUIREMENTS

Organizations must manage compliance obligations across areas like sustainability, cybersecurity & data governance.



MISSED OPPORTUNITIES FOR SYNERGY

Fragmented compliance efforts often lead to duplicated work and inefficiencies, as synergies between regulations are often overlooked.

HOW TRIBUTECH HELPS IN OVERCOMING THESE CHALLENGES



Technical Regulation Consulting



Implementation Support



IoT / OT Data Middleware

INFLUENTIAL REGULATIONS BY THE EUROPEAN UNION



CRA Cyber Resilience Act

Cybersecurity by Design: Mandatory security for all digital products
Risk-Based Compliance: Self-check or third-party audit based on product type
Lifecycle Protection: Includes secure updates and vulnerability handling



ESPR Ecodesign for Sustainable Products Regulation

Greener Products: Sets EU-wide rules for sustainable, energy-efficient, and repairable products
Digital Passport: Requires key environmental info to be shared digitally
Circular Focus: Boosts reuse, recycling, and resource efficiency across lifecycles



DATA ACT

User Rights: Users can access and share data from connected devices
Fair Access: Ensures fair terms for data sharing and easier cloud switching
Public Use: Allows public bodies to access data in emergencies

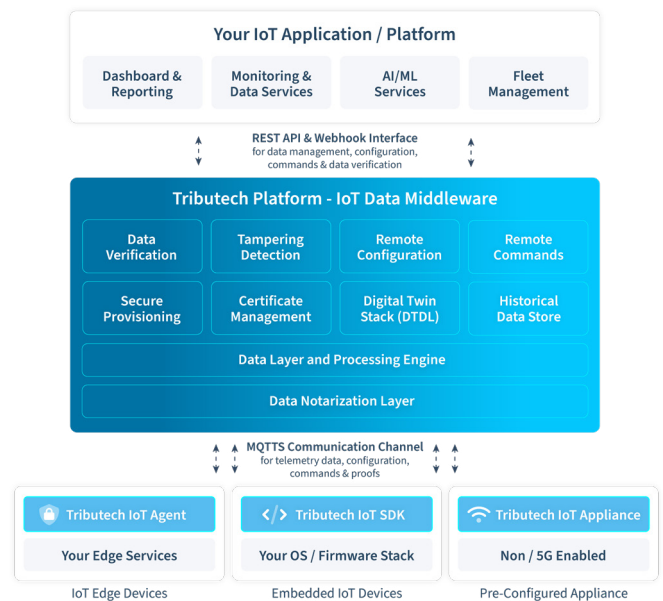


AI ACT

Risk-Based Rules: AI systems are regulated according to their potential for harm
Protects Rights: Ensures safety, privacy, and non-discrimination
Innovation Promotion: Supports responsible AI development while encouraging innovation

TRIBUTECH'S PLATFORM FOR REGULATORY COMPLIANCE FRAMEWORKS

- Integration with industrial IoT / OT devices and embedded systems
- Secure provisioning process for onboarding new devices with revocation of compromised devices
- Data notarization creates cryptographic proofs to secure data across system layers at the source.
- Secure data integration into centralized and standardized middleware
- Digital twin knowledge graph for data contextualization and interoperability
- Remote configuration and commands for connected data sources
- End-to-end data integrity verification before usage



INTEGRATION AND INTEROPERABILITY WITH MANY DEVICES AND DATA STORAGE PLATFORMS

TRIBUTECH IOT AGENT

The IoT Agent is a containerized solution for easy IoT and edge integration with Tributech's middleware, supporting data notarization and protocol interoperability.

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

TRIBUTECH IOT C-SDK

The IoT C-SDK is a lightweight SDK for constrained devices, enabling notarization and integration at the firmware level for trusted edge-to-cloud data.

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

OPEN API

Integrations to import master data from ERP, MES, and PLM platforms, enabling seamless alignment of operational, product, and enterprise data across systems.

Integrates with ERP, MES, and PLM platforms.

LEADING COMPANIES TRUST TRIBUTECH IN OVERCOMING THEIR REGULATORY CHALLENGES

For further insights on relevant regulations and to explore how Tributech can support your compliance journey, visit tributech.io/blog.



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LEARN IF SYNAPSE COMPLY FITS TO YOUR REQUIREMENTS



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