

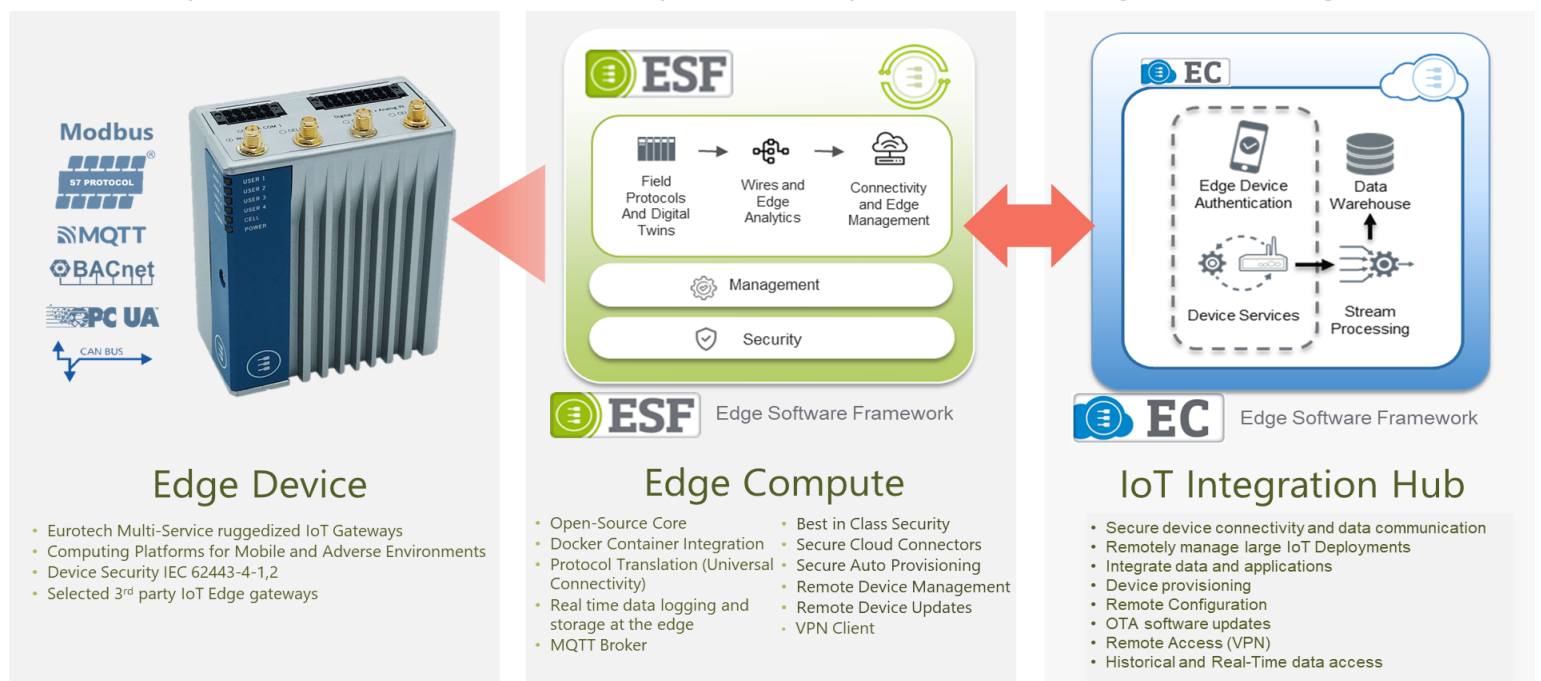
Everyware IoT



Ideal for Any Industry

-  Building Automation
-  Manufacturing
-  Industrial Automation
-  Shipping and Logistics
-  Energy Management
-  Medical

Everyware™ IoT is an integrated software/hardware edge platform encompassing rugged multi-service IoT gateways for global deployments with Secure, scalable and agnostic edge framework and flexible cloud and IoT integration framework. Everyware IoT is a cost-effective solution for any organization that needs to start implementing IoT solutions across their enterprise. Everyware IoT gateways connects your buildings, factories, and equipment through secure TLS encryption and x509 certificate exchange to 3rd party enterprise platforms and/or popular cloud platforms, such as Microsoft Azure and Amazon Web Services. Access your data from anywhere with one of the most secure edge-to-cloud IoT frameworks in the industry meeting established cyber-security protocols including IEC 62443-4-1,2, compliance and certifications. Flexible by design to meet customers discrete use cases and designed to scale and respond to evolving Enterprise needs with growth and opportunities, the Everyware IoT platform rich interoperability features enable end users to quickly and efficiently succeed in their edge to cloud integration.



Everyware IoT

Securely connect millions of devices

Over a secure internet connection

Eurotech Everywhere Cloud and Beyond

EUROTECH
Imagine. Build. Succeed.



Edge Software Framework

Device Security

- ✓ Unique Device Identity and Credentials
- ✓ Signed ESF/Application Code
- ✓ Encrypted Configuration and Storage
- ✓ TPM 2.0 Identify and Storage Support

Vulnerability Assessments and Penetration Tests
IEC 62443-4-1/2 Certification (in process)

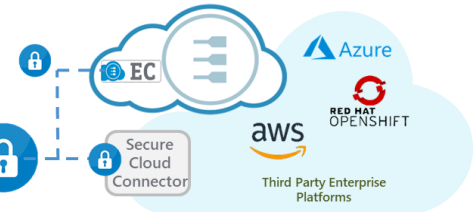
(*) addresses man-in-the-middle threat

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AMQP, MQTT, HTTPS

Connection Security

- ✓ SSL/TLS Encryption w/ Hostname Verification*
- ✓ Mutual Authentication
- ✓ Digitally Signed Messages



Everyware Cloud

Cloud Security

- ✓ Integrated Certificate Management
- ✓ Validated Server Identity
- ✓ Tenant Isolation
- ✓ Role-based Access Control
- ✓ 2-factor Authentication
- ✓ Interoperability with 3rd party cloud apps

Everyware™ Software Framework (ESF) is a commercial, enterprise-ready edition of Eclipse Kura, the open source Java/OSGi middleware for IoT gateways. Distributed and supported by Eurotech, Everyware Software Framework (ESF), adds advanced edge security encompassing a unique device identity and credentials via onboard TPM devices, encrypted configuration and storage, secure OTA updates for all components of the software on the device and a secured and measured boot process with hardware attestation of the boot loader and OS kernel. Securely connect, authenticate and manage disparate connected edge devices that speak different protocols, and easily compose data work flows to manage, analyze and route data decreasing the latency and improving operational efficiency. Edge storage manages data captures and provides the compute capabilities that aggregate and analyze that data in real time, to deliver immediate and actionable insights at the device level.

Everyware™ Cloud (EC), designed to be a reliable and scalable IoT Lifecycle Management Platform placed at the core of the enterprise, where operators and users can focus on their business and stop scratching their heads about additional configuration, debugging, software updates, correct fleet operation and device end of life issues. Device management includes secure device provisioning, device batch processing and device protocol management. Data management handles cloud data storage and associated data analytics. Application integration becomes seamless due to the interoperability features inherent in Everyware IoT. With simple setup and configuration, users can easily create remote monitoring and analytics solutions that meet their innovative business requirements for collaboration and shared insights across widely dispersed assets with a short term ROI.

