Security and Routing

Static Routes
Wifi-Access Point and Client
DHCP
DNS Client
Firewalling
Security (AES, 3DES, SSH)
NAT (Network Address Trans.)
Terminal Server & Client

IPsec, SSL, and OpenVPN Client
VPN Tunnels
IKE Encryption
Port Forwarding and DMZ
Port Filtering
Trusted IP
MAC Address Filtering

ReliaCELL

Eurotech IoT Gateways use the **ReliaCELL 10-20** rugged cellular adapter for Global Cellular connectivity. It modularizes the cellular component of enabling connectivity without making compromises on ruggedization.

- No Cellular Certification Costs
- Easy Installation
- Rugged Design - IP67 Sealable
- Easy 2G to 3G to 4G Migration
- Simplify Development
- Speed Time to Market
- Lower Development Cost
- Global Certifications

IoT Development Kits

Eurotech IoT Development Kits provide a complete, high-quality design environment for engineers and solution architects to significantly accelerate the development and delivery of new IoT applications.

The IoT Development Kits bundle industrial grade hardware platforms with pre-installed and configured software development environment so any prototype can be quickly turned into a production ready unit.
The kit targets all aspects of an IoT application from hardware interfacing, to development of on-board software, and cloud connectivity.

The IoT Development Kit family targets a variety of IoT application requirements by providing a range of different hardware platforms, spanning from very compact low-power ARM-based designs to powerful multi-core, latest generation Intel Atom gateways.

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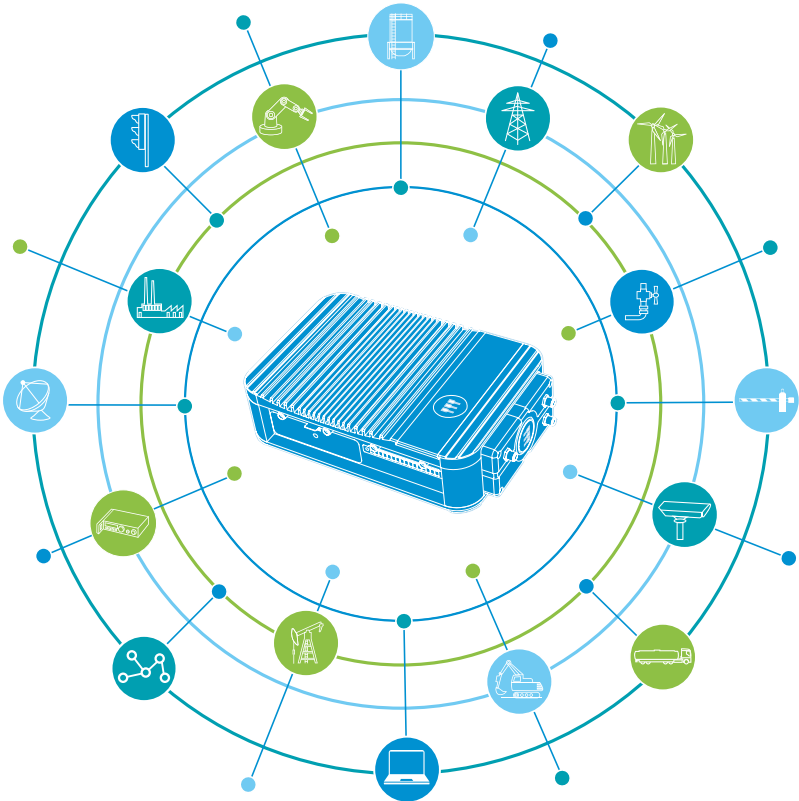sales.na@eurotech.com

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Imagine. Build. Succeed.

Multi-service IoT Gateways

Powering the Edge

ETH_Gateway_Flyer_01/2018_Rev-05

Multi-Service IoT Gateways

Eurotech's Multi-service IoT Gateways are a family of edge computing devices that offer a wide range of performance, networking and ruggedness options in order to best fit today's IoT applications. Eurotech's Multi-service IoT Gateways come certified for various industry verticals including Industrial, Automotive, and Railway and are globally certified for cellular connectivity.

- Wide Range of Models and Connectivity Options
- Industry Certified and Globally Deployable
- Fanless
- Highly Customizable
- Long-term Availability

Middleware for IoT Gateways

Eurotech's Multi-service IoT Gateways come with Everyware Software Framework (ESF), an open, high-level, multi-platform, and flexible application development environment. Everyware Software Framework is a commercial, enterprise-ready edition of Eclipse Kura, the open source Java/OSGi middleware for IoT gateways. Distributed and supported by Eurotech, ESF enhances Eclipse Kura with premium features around advanced security, diagnostics, provisioning, remote access and full integration with Everyware Cloud.

- Container and Runtime Environment for Edge IoT Applications
- Hardware Abstraction and Field Protocols
- Network Management
- Data Management and Messaging for IoT Connectivity
- Web-based Interface for Easy Configuration

Microsoft Azure Certified

Eurotech IoT Gateways are Microsoft Azure Certified for IoT.

Gateway	Processor	OS	IoT Middleware	Networking & Wireless					Interfaces					Power	Certifications			
				Ethernet	Cellular	Wi-Fi	BT	GPS	Serial	USB	CAN	DI/O	ADC	Input Power	Radio*	Regulatory	IP	IoT Platform
ReliaGATE 10-05	NXP i.MX28X	Linux	ESF	1	Integrated 3G	Y	Y	∞	1x RS-232 1x RS-485	1	N	0	0	9 to 36 VDC	RED, AT&T, PTCRB	CE FCC	IP40	Eurotech Cloud Microsoft Azure Certified
ReliaGATE 10-11	TI AM335X	Linux	ESF	2	Integrated 3G or with ReliaCELL	Y	Y	Y	2x RS-232/485	Up to 3	2	4	0	9 to 36 VDC	RED, AT&T, PTCRB	E-Mark CE, FCC, ISED, JATE, TELEC	IP40	Eurotech Cloud Microsoft Azure Certified
ReliaGATE 10-12	TI AM335X	Linux	ESF	2	Integrated 2G, 3G, 4G Cat.1 or with ReliaCELL	Y	Y	∞	2x RS-232/485	3	2	4	0	6 to 36 VDC	RED, AT&T, PTCRB, Verizon	CE, FCC, ISED	IP40	Eurotech Cloud Microsoft Azure Certified
ReliaGATE 10-20	NXP i.MX6	Linux	ESF	2	ReliaCELL 2G, 3G, 4G	Y	Y	Y	1x RS-232/422/485	3	1	4	2	6 to 36 VDC	RED	CE, FCC, ISED, TELEC	IP40	Eurotech Cloud Microsoft Azure Certified
ReliaGATE 20-25	Intel Atom E38XX	Linux Win10 IoT	ESF	2	Integrated 3G,4G Cat.4 or with ReliaCELL	Y	Y	∞	2x RS-232/422/485	2	1	6	0	7 to 35 VDC	RED	CE, FCC, ISED	IP40	Eurotech Cloud Microsoft Azure Certified
DynaGATE 10-12	TI AM335X	Linux	ESF	2	Integrated 2G, 3G, 4G Cat.1 or with ReliaCELL	Y	Y	Y	2x RS-232/485	3	2	4	0	6 to 36 VDC	RED, AT&T, PTCRB, Verizon	E-Mark, SAE/J1455, CE, FCC, ISED	IP40	Eurotech Cloud Microsoft Azure Certified
BoltGATE 20-25	Intel Atom E38XX	Linux Win10 IoT	ESF	2	Integrated 2G, 3G, 4G	Y	Y	Y	2x RS-232/422/485 2x RS-485/RS-422	3	1	8	0	24VDC 110VDC	RED, AT&T, PTCRB	EN50155 EN45545 CE, FCC ISED	IP6X	Eurotech Cloud
BoltCOR 30-17	Intel Core i Intel Xeon D	Linux Win10 IoT	ESF	2	Integrated 2G, 3G, 4G	Y	Y	∞	N	2	0	0	0	24VDC 110VDC	RED	EN50155 EN45545 CE FCC	IP40	Eurotech Cloud

∞: Factory Build Option

*Additional Certifications come with Eurotech ReliaCELL

Everyware Software Framework

ESF

Everyware Cloud™

EC

Business Application and IoT Services Integration

IoT Integration Platform

Everyware Cloud is an IoT Integration Platform specifically designed to target IoT applications. The platform provides all the services for the management of IoT field devices, including configuration management, application life-cycle management and remote access. Everyware Cloud also provides the services needed to collect data from the field and to integrate them into downstream applications, business processes, dashboards and reports.

- Device Connectivity Management and Monitoring
- Over-the-air Provisioning and Optimized Software Updates
- Scheduled Over-the-air Campaigns
- Remote Device Access and Maintenance
- Data Collection and Application Integration

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