

IoT and Edge computing solutions TO ADVANCE PATIENT CARE



enabling high-reliability and secure edge solutions to connect medical equipment
and make it smarter



what we do

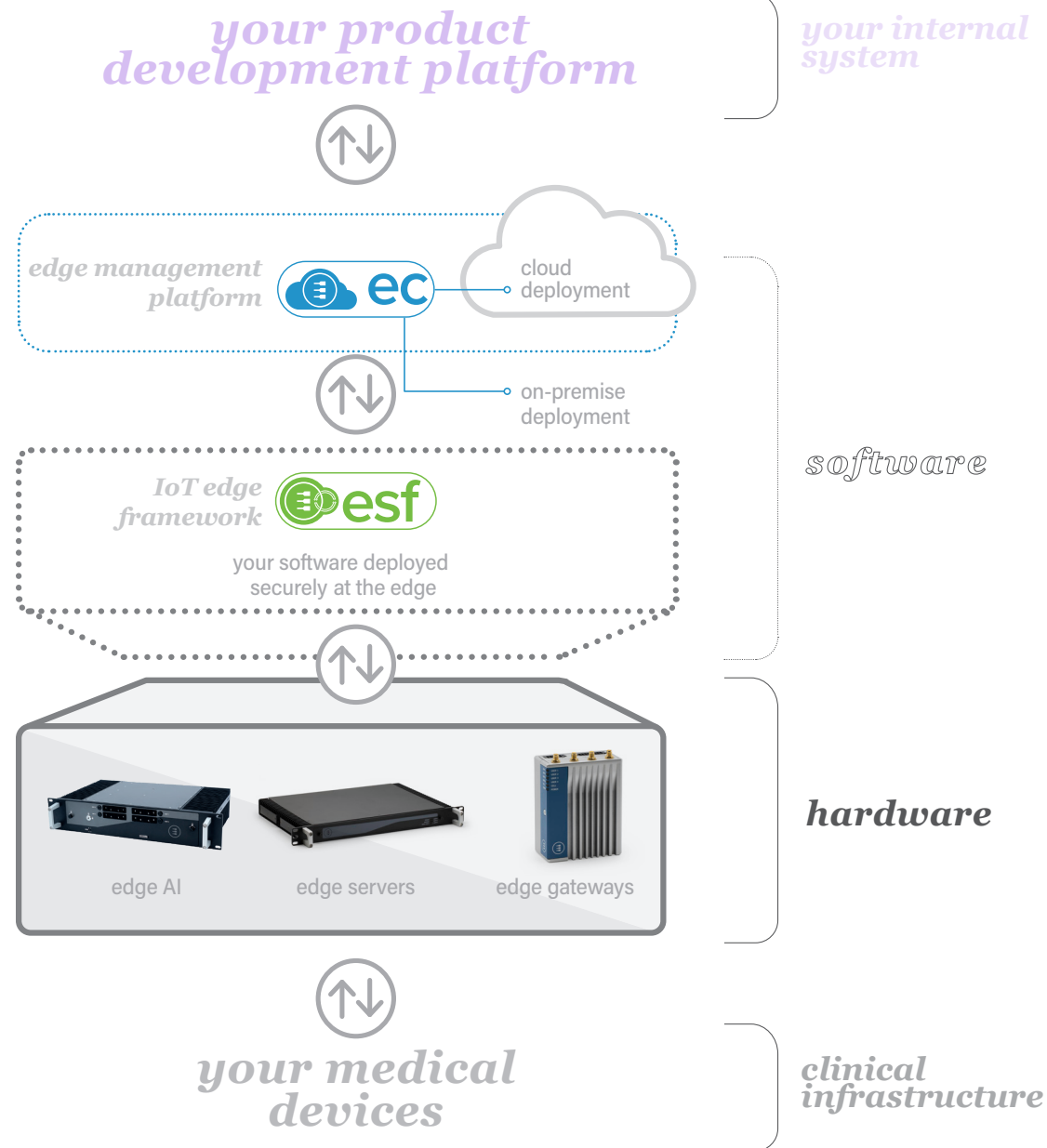
We provide the connectivity and computing capabilities to facilitate next-generation healthcare solutions like:

01
REMOTE AND PREDICTIVE
MAINTENANCE PROGRAMS

02
SECURE REMOTE OVER-THE-AIR
(OTA) UPDATES

03
MACHINE LEARNING &
AI SOLUTIONS AT THE EDGE

UNLEASHING THE POWER OF THE EDGE

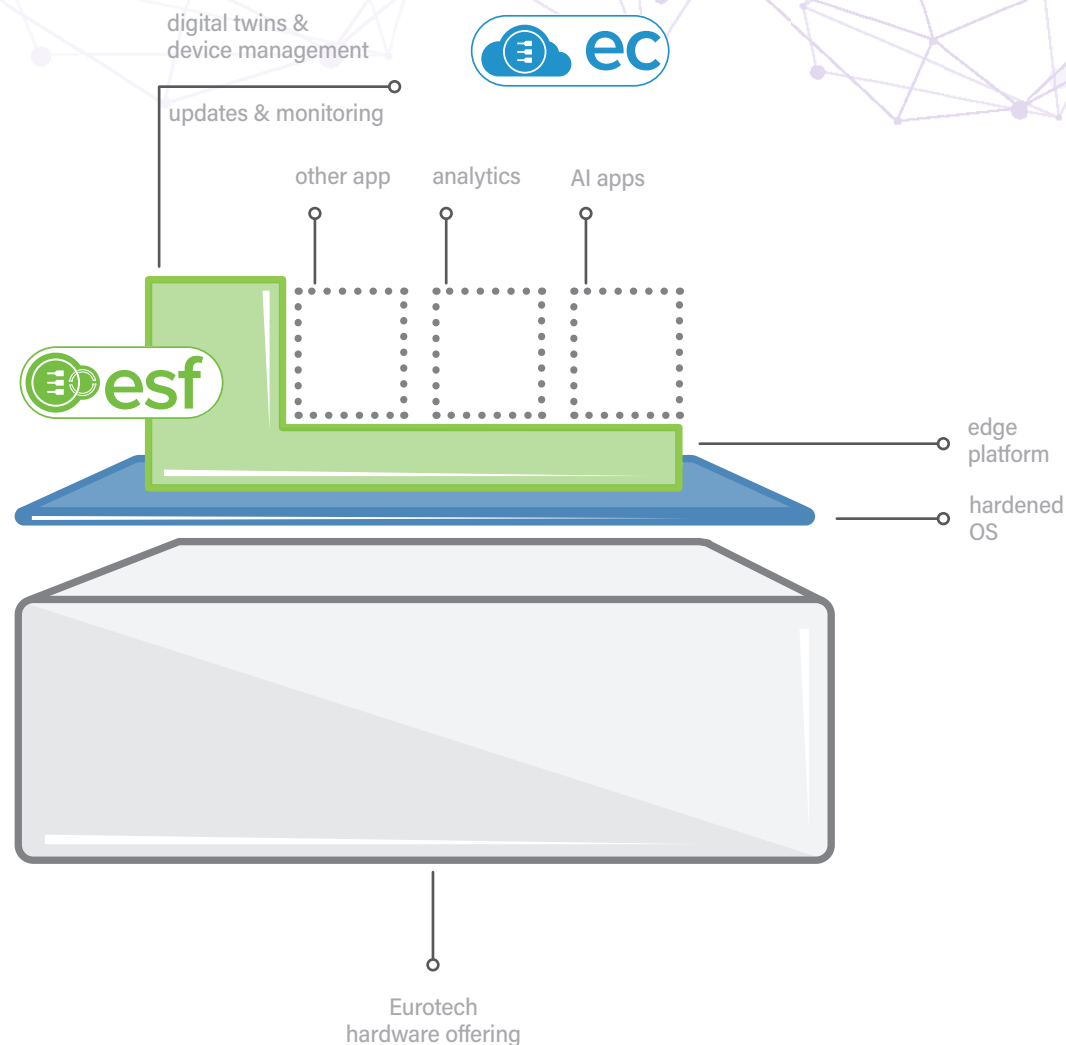


how we do it

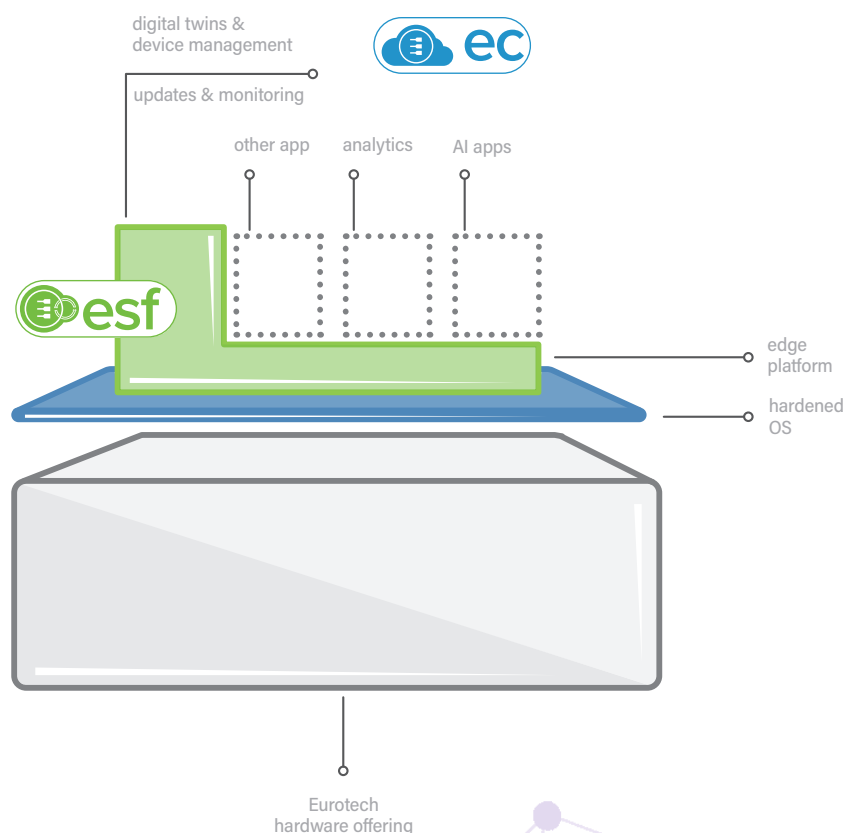
We connect customers' valuable assets to the cloud & enable edge AI in mission-critical applications.

Our unique offering marries robust hardware platforms with a secure, fully programmable software stack to provide:

- SOLID DEVICE & IDENTITY MANAGEMENT
- COMPLETE APPLICATION LIFE-CYCLE MANAGEMENT
- ZERO-TOUCH PROVISIONING
- UNPARALLELED SECURITY, IEC 62443 & IEC 60601 CERTIFIED



how we do it



01

Communicates data collected via reliable and open protocols

C

02

Enables over-the-air remote management of IoT gateways and field devices for:

- ─ Configuration management
- ─ Software updates

03

Allows for cost-effective data transfer for significant savings as programs scale

01

Interfaces with devices via ready-to-use field protocol libraries

B

02

Enables field data to be processed at edge and selectively delivered to the cloud

03

Provides simple programming via Java APIs or a web-based visual environment

01

Provides options to support everything from on-the-edge data distribution to machine learning and AI

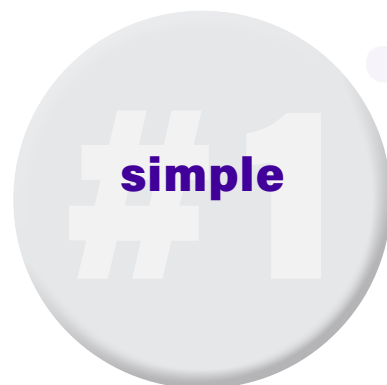
A

02

Enables connectivity for virtually any need:

- ─ Connect to both legacy systems and smart devices
- ─ Provide efficient communication on the standard patient floor, in shielded rooms and even in remote environments

designed with *healthcare in mind*



WE SPEED UP TIME TO MARKET

with powerful, user-friendly tools
for easy product development
& lifecycle management



WE PROVIDE BEST-IN-CLASS SECURITY

while providing flexible options
to meet customers' varying
security needs



WE MAINTAIN STRATEGIC AGILITY

preventing vendor lock-in through
our end-to-end agnostic platform

integrated *hardware & software*

We are among the very few companies in the world offering hardware platforms integrated with a fully and securely programmable software stack.

CYBERSECURITY BY DESIGN & CERTIFIED

01

WE PROVIDE A CONFIGURABLE PLATFORM THAT ACHIEVES IEC 62443 CERTIFICATIONS

02

AN INTEGRATED HARDWARE & SOFTWARE EDGE SOLUTION, COMPLIANT WITH GLOBAL CYBERSECURITY STANDARDS

We have recently achieved IEC 62443-4-2 and IEC 62443-4-1 Security Level 2 certification on integrated hardware and software solution based on the IIoT Edge Gateway ReliaGATE 10-14, the operating system Everyware Linux and ESF: this enables secure products and services compliant with best-in-class cybersecurity standards. Adding to ISO 27001, and other security related standards like PSA Certified Level 1, the compliance with IEC 62443 is a further confirmation of our capability to satisfy your strictest cybersecurity requirements. In the ecosystem where we play, there are a lot of companies focused on hardware or software only.

A few players have the expertise to offer fully integrated hardware and software solutions: we are among this élite, and this uniqueness has been recognized by different Industrial IoT analysts.



That's why in 2021 Eurotech has been inserted for the third year in a row in the Gartner® Magic Quadrant for Industrial IoT platforms. The report has evaluated 18 companies based on their Ability to Execute and Completeness of Vision. The report states, "Industrial IoT platform-based solutions continue to evolve and support IT/OT integration. Applications and software engineering leaders in industrial enterprises must help their businesses select IIoT platforms by balancing their short-term and long-term capabilities and potential"

about eurotech

Eurotech (ETH:IM) is a multinational company that designs, develops and supplies Edge Computers and Internet of Things (IoT) solutions – complete with services, software and hardware – to system integrators and enterprises.

By adopting Eurotech solutions, customers have access to IoT building blocks and software platforms, to Edge Gateway to enable asset monitoring and to High Performance Edge Computers (HPEC) created also for Artificial Intelligence (AI) applications. To offer increasingly comprehensive solutions, Eurotech has partnered with leading companies within its field, with the view of creating "best in class" solutions for the Industrial Internet of Things.

meet our experts!

