

The Promise of Effective IoT

WHY should you choose an IoT platform?

- Reduce Operating Expenses / Improve Efficiency
- Improve customer service / Shorten response time
- Control over working assets / Know what assets need maintenance

HOW do IoT platforms help you to achieve your goals?

An effective IoT platform:

- Let companies **see operation metrics** that are not visible today (actual cycle rates, dead time, process throughput)
- **Optimize operations** by data-driven analytics and decision making
- Allow **predictive maintenance** to plan service visits and minimize downtimes
- Let companies **win new businesses** with high confidence in operations and costs

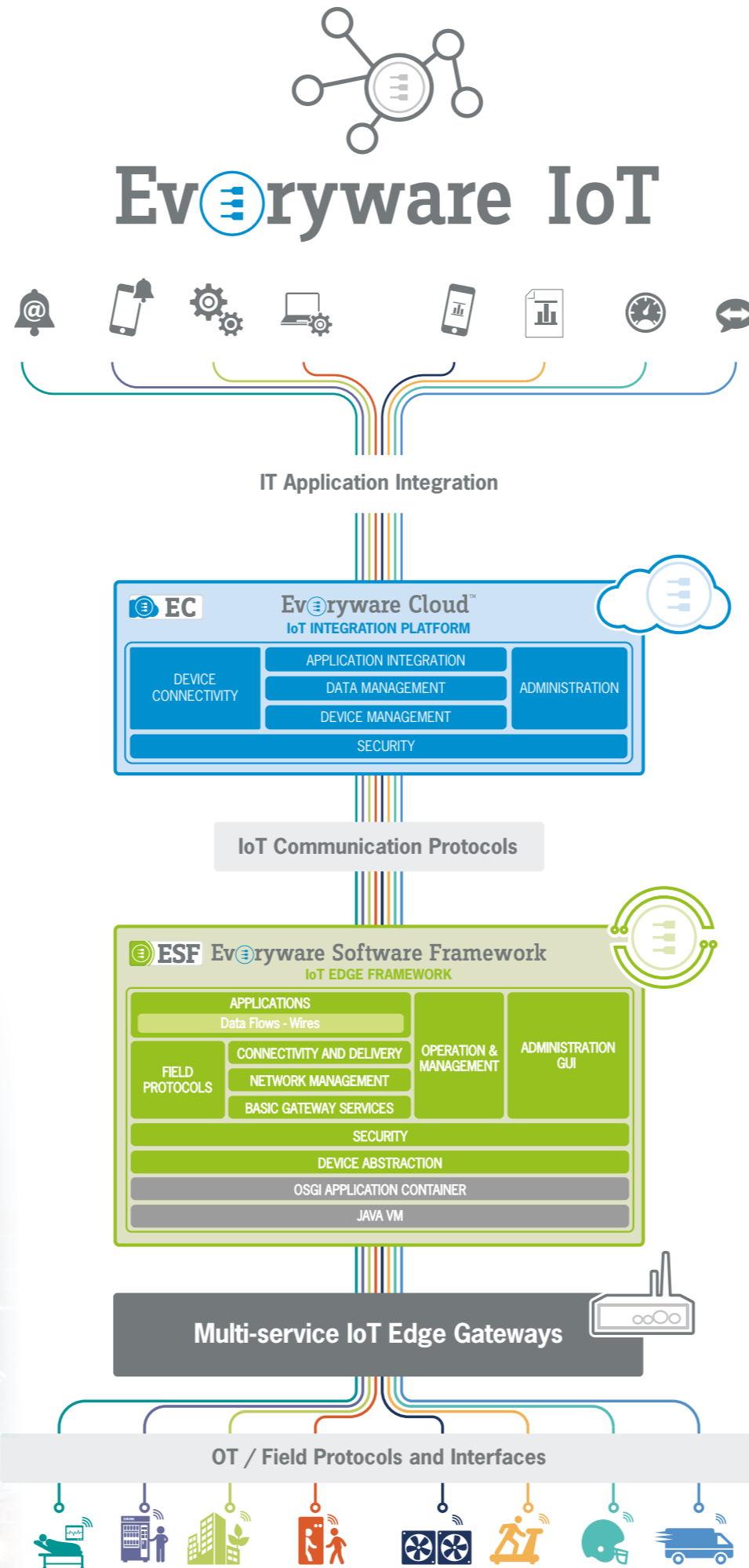
IoT Needs

- Securely connect, authenticate and manage disparate connected edge devices that speak different protocols
- Apply analytics at the edge with machine learning and business rules to enable local, low-latency decision making
- Enable integration with enterprise and business applications to bridge the gap between OT and IT and reduce complexity
- Tools to enable end-to-end data security, compliance, authorization and authentication

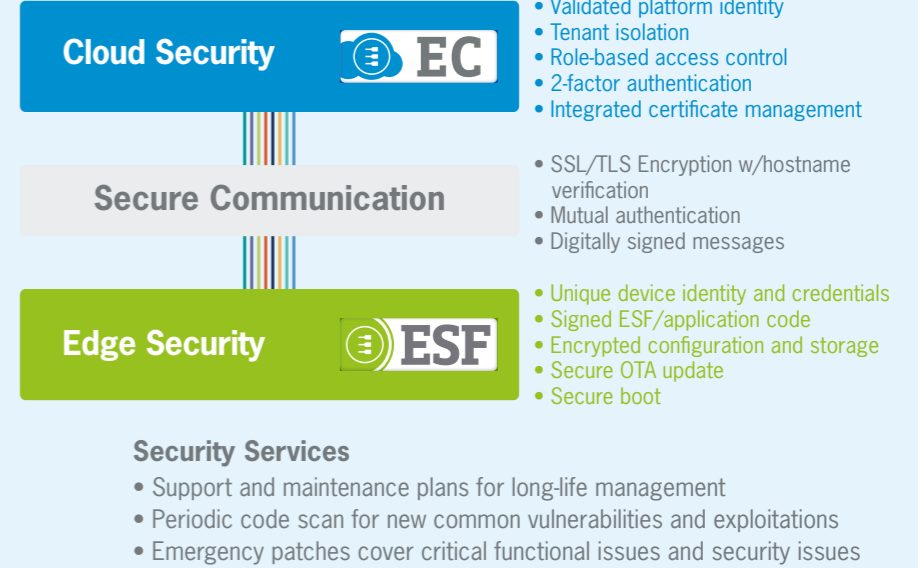
IoT Challenges

- **Lack of open standards** - Diverse set of technologies, features, standards, and point solutions, each of which promises to be the panacea
- **Vendor lock-in** - Avoid being locked in by a single vendor and seek modular and standard solutions
- **Fragmentation** - Must integrate operational technology with information technology to be able to derive insights at the edge and in the cloud

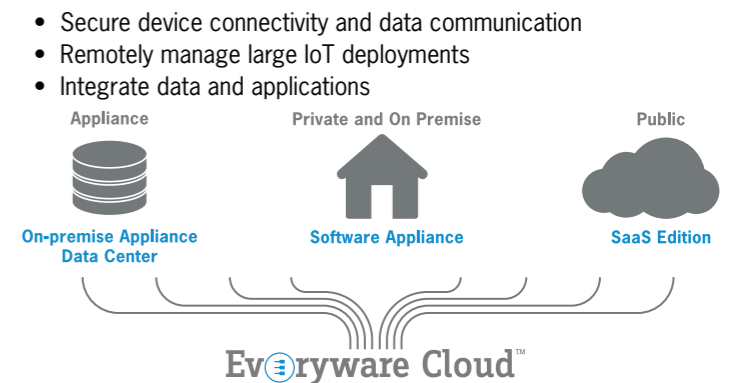
End-to-End IoT Architecture



End-to-End IoT Security



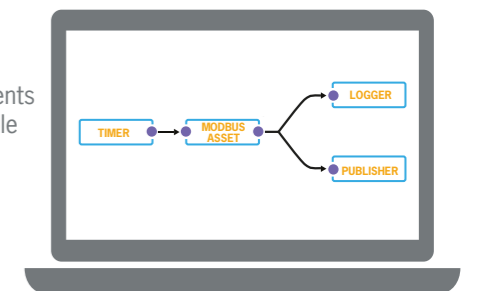
Ev@ryware Cloud™



Ev@ryware Software Framework

- Develop and deploy IoT edge computing applications
- Easily connect to industrial devices and IoT cloud services
- Visually compose data flows to manage, analyze and route data

WIRES
Visually wire edge components with drag-and-drop for simple and code-free IoT app development



Multi-service IoT Edge Gateways

- Proven building blocks for IoT applications
- Certified for global deployments
- Rugged design for embedded applications