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Cyber Security for Trusted Data

- Securing the edge of the factory control network to establish a **RESILIENT** and **TRUSTED** architecture
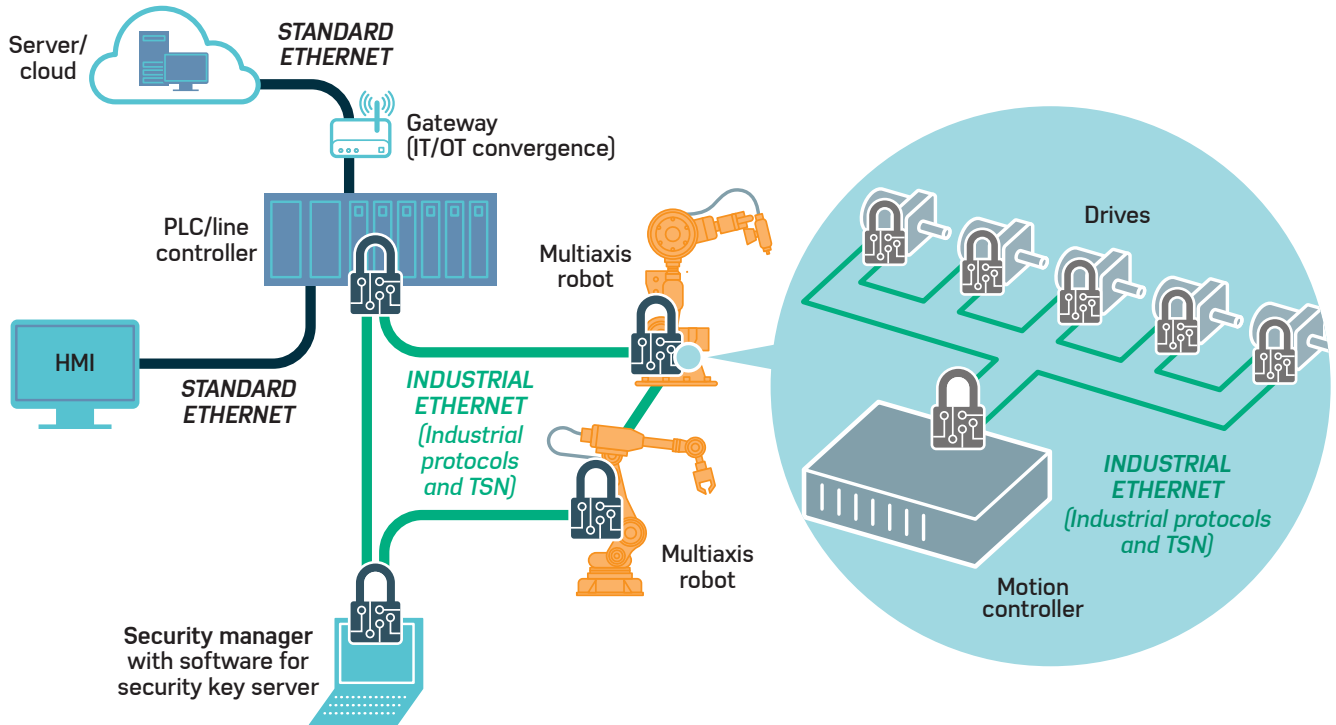
- Allowing for **SECURE CONNECTIVITY** of robots, drives, and production machines within an integrated OT/IT TSN network

- Providing means for authentication and encryption (as required) in a highly **TIME CRITICAL** environment

OPERATIONAL ENVIRONMENT

Server/cloud

STANDARD ETHERNET

Gateway (IT/OT convergence)

PLC/line controller

Multiaxis robot

Drives

HMI

STANDARD ETHERNET

INDUSTRIAL ETHERNET (Industrial protocols and TSN)

Multiaxis robot

INDUSTRIAL ETHERNET (Industrial protocols and TSN)

Motion controller

Security manager with software for security key server

ACCELERATING THE PATH TO INDUSTRY 4.0 BY ASSURING:

- Machine/worker safety
- Reliable operation
- Product quality
- Uptime and throughput
- Production efficiency
- Production metrics and insights

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