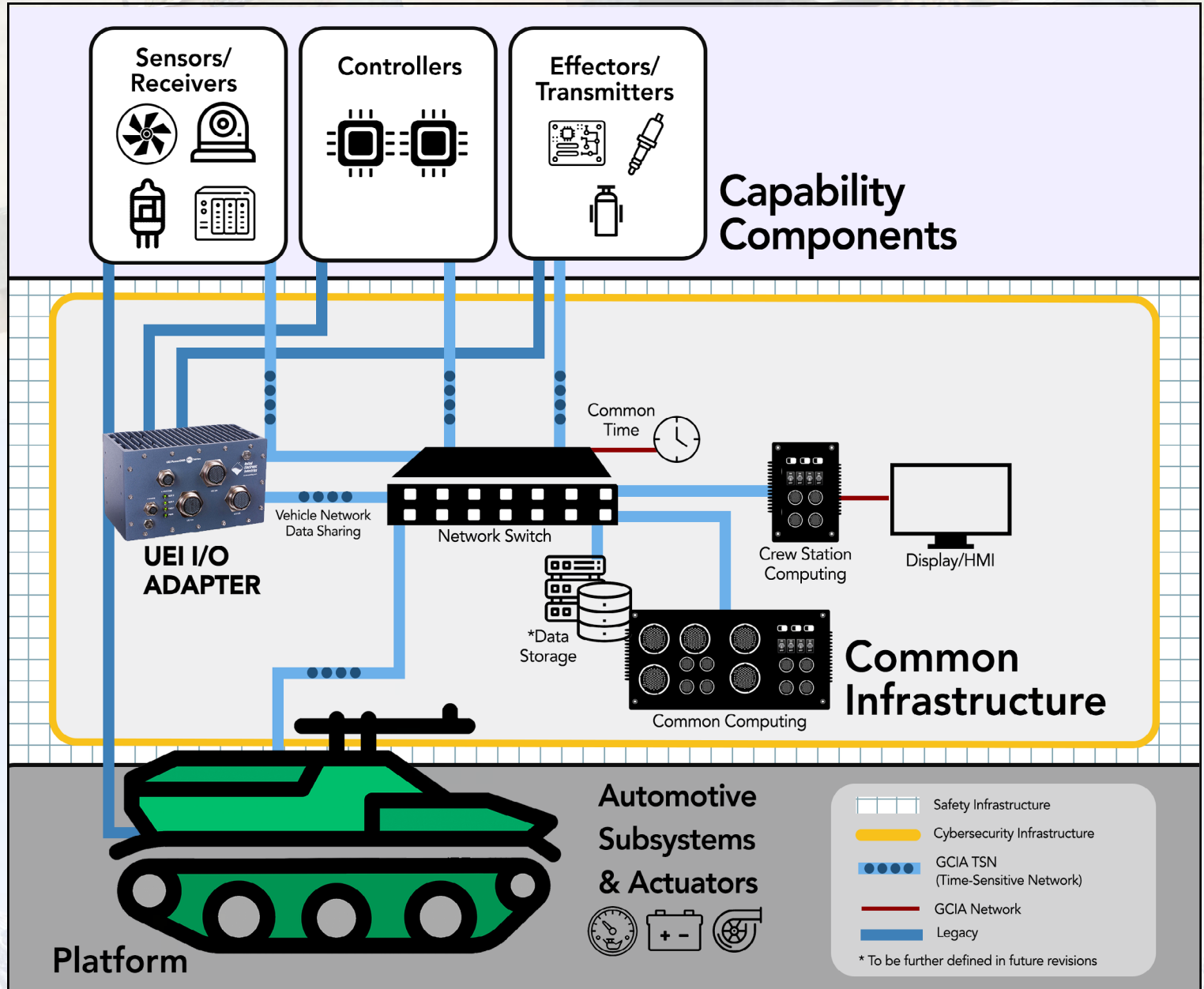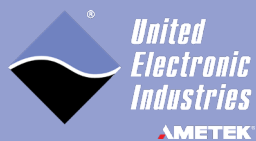# UEI & GCIA TSN SUPPORT
THE IDEAL I/O ADAPTER FOR MILITARY VEHICLES

Example vehicle network architecture scenario demonstrating a common military ground vehicle system to inform future instantiations of GCIA.

Sensors/Receivers

Controllers

Effectors/Transmitters

Capability Components

Common Time

Vehicle Network Data Sharing

UEI I/O ADAPTER

Network Switch

*Data Storage

Common Computing

Crew Station Computing

Display/HMI

Common Infrastructure

Platform

Automotive Subsystems & Actuators

Legend:
- Safety Infrastructure
- Cybersecurity Infrastructure
- GCIA TSN (Time-Sensitive Network)
- GCIA Network
- Legacy

* To be further defined in future revisions

UEI is a proud member of the FACE™ Consortium, and our COTS products are aligned with the FACE™ Technical Standard. Within the FACE boundary, UEI utilizes RTI technology to participate in FACE systems via TSS — the Transport Services Segment.

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