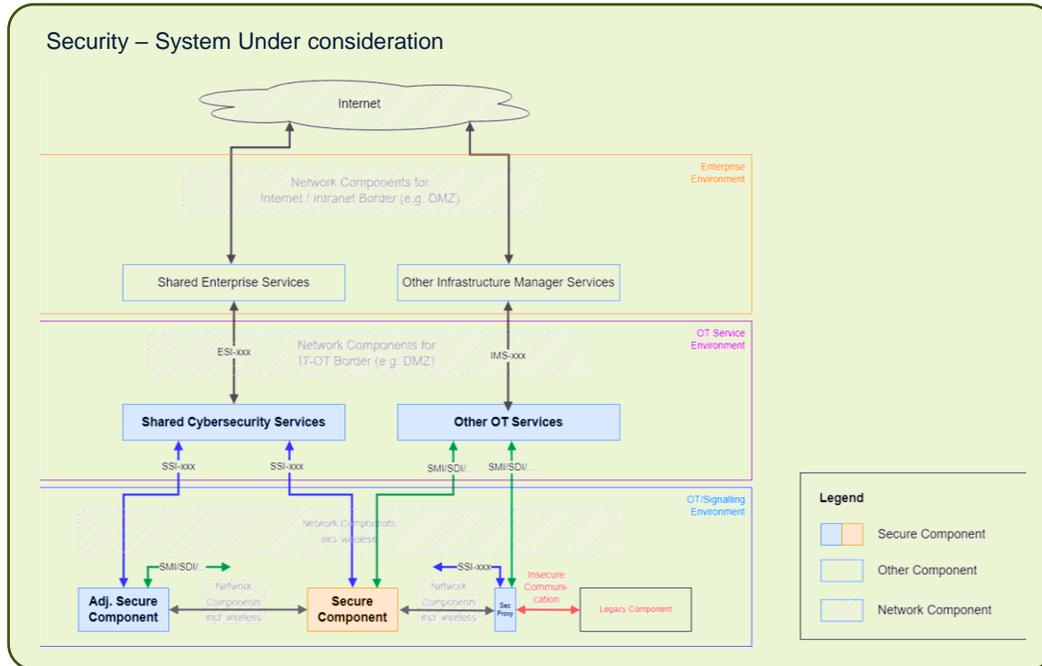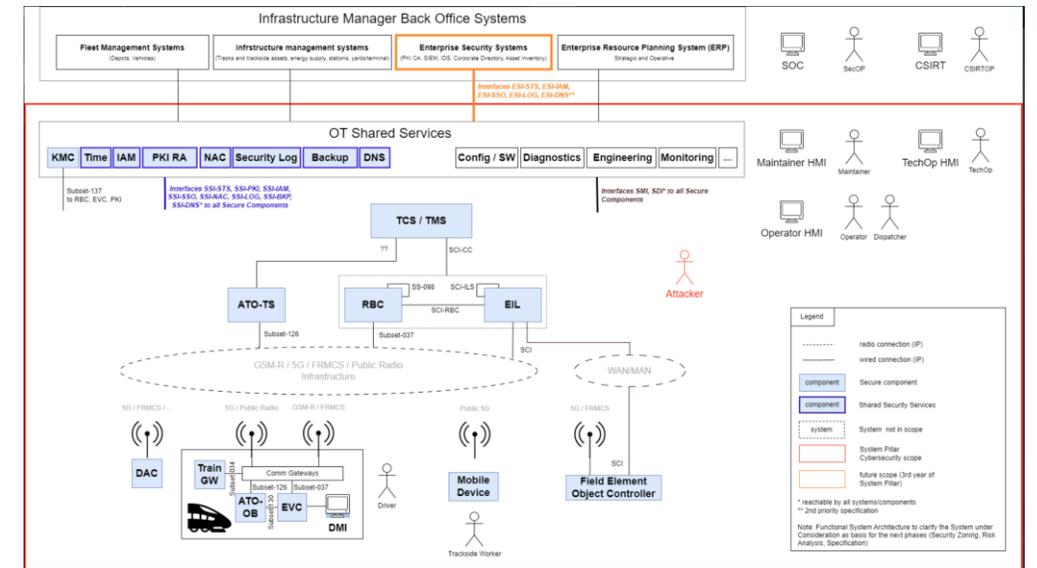# Security

The Security team is Security responsible of defining central requirements. This includes security aspects as generic security architecture, threat and risk assessment, security requirements for system under consideration, definition of interfaces to Shared Cybersecurity Services, compliance to standards and legal obligations, and secure program requirements.

Security – System Under consideration

Cyber Security Architecture for the System Pillar

The Security Team will focus on developing the following new functions and technical enablers for the **"Harmonized European Rail Operation"** migration plateau

- shared safe and secure computing environment (allowing data centers/clouds for running safe application, harmonized HW or virtualization abstraction interface)

- All other interfaces of the System Pillar Target Architecture, which are perhaps agreed and published at this time, can be used for optional implementations

Security

Lead STIP Deliverables

- **STIP_75: Shared Security Services Specification -** 2024
- **STIP_76: Secure Communication Specification -** 2024
- **STIP_77: Secure Program Req. -** 2024
- **STIP_78: Secure Component Specification -** 2024

Deliverables Request for Service (SC2.4)

D01	**Shared Security Services Specification -** Q3 2025
D02	**Secure Communication Specification** – Q3 2025
D03	**Secure Program Req.** – Q3 2025
D04	**Secure Component Specification** – Q3 2025
D05	**Other TSI** – Q3 2025
D06	**Cooperation with System Pillar Domains and Innovation Pillar** – Continuous

Latest Achievements, Challenges and Design Decisions *(to be filled periodically by the domain)*

- **Latest Achievements:**
  - **Final public review phase completed (Draft #3):** Public consultation on the spec documents launched during Innotrans.
  - **Weekly Q&A sessions provided:** Effort provided to improve consultation participation level and quality through direct information about architecture and further structure of specs.

- **Domain Current challenges:**
  - **Finish spec documents for approval process / publication:** after integration of public consultation results, the spec documents will be moved towards approval process and publication as planned.
  - **Integration of Cyber Security in other TSIs**: Setup of communication for work estimation and planning still ongoing.

Expected outcomes for sector review in the next 3 months

Finalizing integration of Comments from Draft #3 review

- Document Update and release according the different reviews

Release of specifications

- Export and publish 4 main documents