

## **DECISION OF THE SYSTEM PILLAR STEERING GROUP**

### **Adopting the approach for publication of conformance test cases as part of SP TACS/EULYNX specification releases**

**N° 06/2026**

THE SYSTEM PILLAR STEERING GROUP OF THE EUROPE'S RAIL JOINT UNDERTAKING, NOTES

#### **1. Context & Scope**

A conformance testing framework is in place (published by EULYNX) which defines a standardised process to verify that products correctly implement SP TACS/EULYNX specifications. Conformance testing relies on a formally defined test catalogue, derived directly from the requirements and interface specifications, and executed by qualified laboratories. Conformance testing shall be interpreted as a supporting step in acceptance of products but does not replace national authorisation or full system validation.

Test cases are developed and maintained by EULYNX in alignment with the specifications and are made available through an open and standardised test case database. They serve as a direct link between requirements and their verification and are essential for ensuring consistent and repeatable conformance testing across stakeholders.

Within the SP TACS domain, test cases are reviewed and maintained by a dedicated working group, ensuring technical consistency, completeness, and alignment with the evolving specifications.

The summary document “Conformance Testing for products compliant to SP TACS/EULYNX specifications” outlines the role of test cases as complementary artefacts to the specifications and their importance for achieving interoperable and reusable solutions.

#### **2. Summary of Considerations**

- Conformance testing requires the use of a standardised and version-aligned test catalogue
- Test cases are derived from and tightly coupled to the specifications, ensuring traceability between requirements and verification
- The test catalogue is continuously improved through feedback from conformance testing campaigns
- Test cases are already subject to structured review and governance within the SP TACS working group

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## UNDERTAKING, AGREES

### **On the following approach:**

Test cases shall be published as part of each SP TACS/EULYNX specification release, as a supportive artefact accompanying the specifications. They shall be considered an integral element of the conformance testing framework, providing the necessary means to verify compliance with the approved requirements.

### **On the final decision:**

The System Pillar Steering Group decides that the test cases shall be included as a supporting artefact within the overall release approval and publication process of the respective SP TACS/EULYNX specifications. A dedicated approval process explicitly for test cases is not required.

Accordingly, the test cases for SP TACS/EULYNX BL4R4 will be added to the current publication.

## ANNEX

- See associated document
  - Conformance Testing for products compliant to SP TACS/EULYNX specifications