

TCCS SD1 - Cover Document

1 Approval and Alignment State for SC 2.3

All to-be-published documents from TCCS SD1 are part of the following collections for SC2.3 baseline:

TCCS SD1 FRS

Collection of all Transversal CCS documents for Functional Requirement Specification phase including the following documents:

- TCCS System Definition: covers complete scope of Task 2 Transversal CCS (see SEMP D3.1, incl. D3.2/3/4 aspects as base for Capella model)
- TCCS SD1 Function(al) Specification: functional requirements of subdomain 1 (SD1) scope (see SEMP D3.5)
- TCCS SD1 Data preparation rules: describes first draft of rules for data engineering and validation for later LA/PA and discussion input for IP FA demonstrators

CCS/TMS Data Model

Collection of documents belonging to CCS/TMS Data model, including the following schemas and their intended use case:

- Infrastructure (INFRA) --> covers all infrastructure data objects
- ATO --> configuration of ATO Trackside
- Engineering (ENG) --> Engineering of ETCS L2
- Map Reference (MAP) --> Digital Map, e.g. for Localisation
- Operational Plan (OPP) --> used by CCS-TMS Interface Specification
- Traffic Protection (TP) --> configuration for TPS / Safety Logic
- Subset 026 (SS026) --> used for Engineering of ETCS Telegrams, later also for configuration interface specification
- Equipment model --> imported from EULYNX for diagnostic purposes, will be extended in the next steps

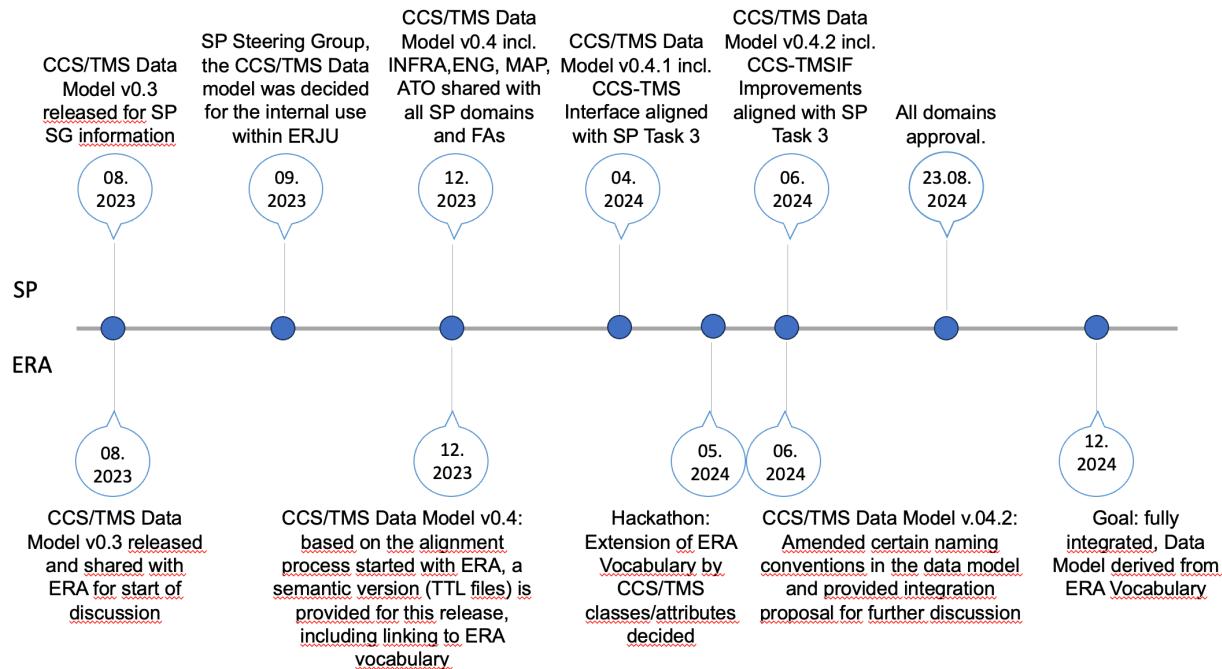
SPT2TS-127616 - Approval State TCCS SD1

| Approval Round | Approver | Date | Results | Comment |
|---------------------------|-------------------|-------------------------------------|----------|----------------|
| SC2.3 - Domain Approval 1 | Task 2 TCCS | Review Period: 22.07.24-23.08.24 | Approved | |
| | Task 2 Traffic CS | see "Task 2 TCCS" | Approved | No disapproval |
| | Task 2 Train CS | see "Task 2 TCCS" | Approved | |

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|---------------------------------|-------------------------|---|----------|---|
| | Task 2 Trackside Assets | see "Task 2 TCCS" | Approved | Email feedback from Mirko Blazic: In the current version, there are no domain specific contents, or are referred to the former EULYNX data model. In the next phase, when more detailed contents will be modelled, we aim to establish a collaborative channel to work together during the drafting phase |
| | Architecture | see "Task 2 TCCS" | Approved | Open Points are documented and are processed in next contract period. This has been aligned with ARC in meeting 04.09.24 |
| | Task 3 TM | see "Task 2 TCCS" | Approved | Relevant Part approved (OPP) |
| SC2.3 - Mirror Group Approval 1 | TCCS Mirror Group | Review Period: 17.07.24-12.08.24 Review Meetings: 20.08.24 03.09.24 | Approved | No disapproval |

[ Open]

SPT2TS-127615 - Overview regarding alignment process with ERA regarding CCS/TMS Data Model



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