




ERJU SYSTEM PILLAR

Document and Release Plan - Main



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Abstract	The DRP shows all existing or future result documents, their current status, the release planning and packages, the publication dates , the links to the documents, the dependency analysis between the different topics and analysis on how other harmonization topics are affected, the consistency with the released STIP work.
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1 Preamble

1.1 Scope and intended audience

This document defines the roadmap of the System Pillar releases. It provides public information concerning the date and the content of the deliveries foreseen by System Pillar. [SPT2ARC-4862]

Beside the roadmap of System Pillar releases defined in the main document, there is an annex "System milestones" whose scope is to check that the STIP allows to achieve the several step of development of the System architecture (= system milestones). [SPT2ARC-4945]

Therefore, the DRP, along with its annex "System milestones", defines both the SP release roadmap AND the system milestones that the STIP will allow to reach. [SPT2ARC-4944]

1.2 Purpose

The purpose of this document is to define milestones where the production of each task and each domain in System Pillar is gathered in a so called System Pillar release : a set of documents officially released by System Pillar and referenced on ERJU website. [SPT2ARC-4871]

This document gives as much information as possible on the future System Pillar releases. Therefore, it will be regularly updated to include further details on the content of the future System Pillar releases or to add any new milestone in the System Pillar release roadmap. [SPT2ARC-4870]

The detail content of a System Pillar release (including the exhaustive list of deliverables) is provided by the Release note that is published as part of the System Pillar release. [SPT2ARC-4867]

1.3 Glossary

Acronym and concept	Definition
ESPR	External System Pillar Release
FP	Flagship Project
IP	Innovation Pillar
ISPR	Internal System Pillar Release
SC	Specific Contract
SP	System Pillar
STIP	Standardisation and TSI Input Plan
System milestone	Development step of the System architecture

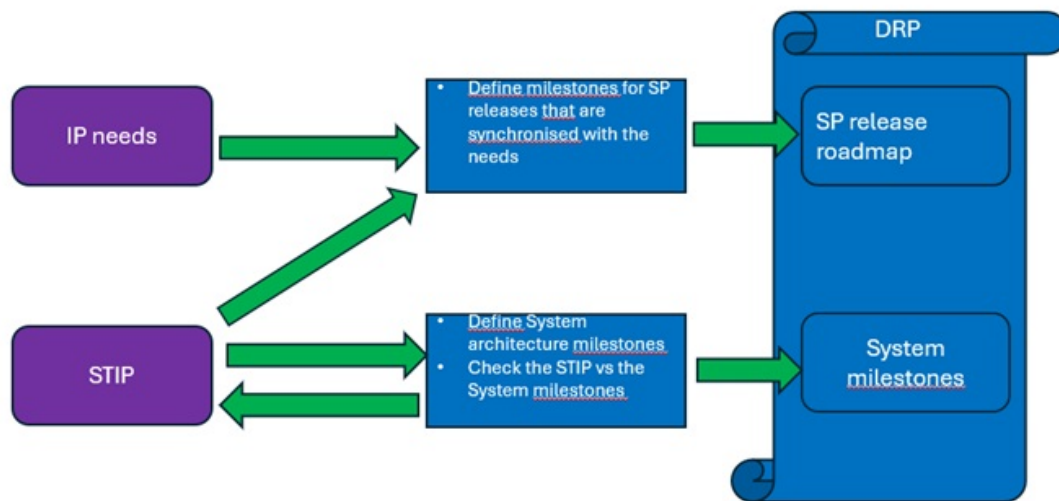
2 Input

The inputs and versions used to set up the DRP are :

- STIP V2_0
- IP needs

[SPT2ARC-4942]

The way of using these inputs to set both the SP release roadmap and the System milestones is as follow :



[SPT2ARC-4943]

3 Scope of SP Releases

This chapter provides the list of SP Releases that are foreseen, their purpose and their scope.

[SPT2ARC-4257]

3.1 Naming convention

The name of a SP release is (I/E)SPR x.y where :

- "I" stands for Internal
- "E" stands for External
- "x" is a number to be incremented for each new SP release, whether it is internal or external, starting from 0.
- "y" is a number to be incremented for each new delivery of the SP Release "x", starting from 0.

[SPT2ARC-4458]

There is a unique numbering both for ISPR and ESPR. E.g : the release after ISPR2.3 would be ISPR2.4 or ESPR3.0 [SPT2ARC-4866]

3.2 ISPR0.0

3.2.1 Purpose


The SP Release ISPR 0.0 corresponds to a "dry run" SP release used internally of the SP to test and validate the release management process. The first "official" SP release will be the ESPR 1.0.

[SPT2ARC-4457]

3.2.2 Technical scope

This Release contains all documents that are available at this date and that are forecasted to be part of ESPR1.0. [SPT2ARC-4863]

3.2.3 Content

The exhaustive and detailed content of the release is defined in  Release note [SPT2ARC-4877]

3.3 ESPR1.0

3.3.1 Purpose

This Release provides a set of documents to be referenced in the call of tender for the Innovation Pillar Wave 2. [SPT2ARC-4876]

3.3.2 Technical scope

This SP Release will mainly contain documents as per the remit of SP SC2.4 but also documents issued during the previous SC's. [SPT2ARC-4881]

This SP Release will address the STIP items planned in 2025, as defined in the STIP V2.0. [SPT2ARC-4880]

This SP Release will contain the Eulynx/TACS documents as published in Eulynx Baseline set 4 Release 4. [SPT2ARC-4879]

This SP release will contain Security documents updated from the intermediate release of the 2025-02-20 published on the ERJU's website : [Cybersecurity Specifications V1.0](#) [SPT2ARC-4878]

3.3.3 Content

The exhaustive and detailed content of the release is defined in Release note ESPR1.0. [SPT2ARC-4265]

3.4 ESPR1.1

3.4.1 Purpose


This release will provide a set of documents considered as mature enough to be used by IMs and RUs in calls of tender.

3.4.2 Technical scope

This SP Release will contain the Eulynx/TACS documents as published in Eulynx Baseline set 4 Release 4. [SPT2ARC-5076]

This SP release will contain Security documents updated from the intermediate release of the 2025-02-20 published on the ERJU's website : [Cybersecurity Specifications V1.0](#) [SPT2ARC-5075]

3.4.3 Content

The exhaustive and detailed content of the release is defined in the release note of the ESPR 1.0 :  Release note . [SPT2ARC-5074]

3.5 ESPR2.0

3.5.1 Purpose

This Release will provide a set of documents usable by IP as input in order to issue the call of tender of the wave 3. [SPT2ARC-4952]

3.5.2 Technical scope

This SP Release will mainly contain documents as per the remit of SP SC2.6 but also documents issued during the previous SC's. [SPT2ARC-4884]

This SP Release will handle the STIP items planned in 2026 and requested to be addressed by a SP document. As a reminder, these topics are the following : [SPT2ARC-4888]

2026

SP doc (date) -> EN standard

STIP_036 - FDFTO Train Functions

STIP_105 - Adhesion Management consideration in Kwet

STIP_106 - Automated adhesion determination

STIP_108 - New standard for standardised interfaces for energy management functions

STIP_113 - New standard

(To be completed with the title of the document when available)

STIP_115 - EN 50546:2020 update

STIP_157 - Create ecosystem for robotic tooling in railways

SP document

STIP_004 - Standardisation of Computing Environment

STIP_114 - EUROSPEC / Specification for alternative traction energy supply and related infrastructure interfaces
Part 1: Battery driven systems - update

STIP_140 - Digital asset engineering

STIP_144 - Standardised data exchange and management

STIP_165 - HDDI for wheel monitoring diagnostic data

STIP_N1 - Open Sales and Distribution Model

[SPT2ARC-4891]

In addition to the previous list, the STIP also mentions Norms to which SP contributes. [SPT2ARC-4887]

The EN Standards to be updated in 2026 are the following : [SPT2ARC-4897]

STIP_032 - EN 18171 -

[- CEN/TC 256/SC 2/WG 33- FP5 WP5- SP Task 4]

STIP_033 - EN 50747 - New standard for electrotechnical equipment of freight wagons and locos equipped with automatic coupler -

[- FP5, WP9- CLC/SC 9XB/WG 44 (kick-off was on 2024-01-26)- SP Task 4]

STIP_034 - EN 50746 - New standard for e-coupler and the electrical energy system of freight wagons and locos equipped with automatic coupler -

[- FP5, WP9- CLC/SC 9XB/WG 44 (kick-off was on 2024-01-26)- SP Task 4]

STIP_035 - EN 15839 update - [- FP5 Sub-project DAC Core (WP6/7/8)- CEN/TC256/SC4/WG10- SP Task 4]

STIP_043 - EN 15227 update or included in the development of ISO 10395 -

[- FP5- CEN/TC256/SC2/ WG2 - ISO/TC 269/SC 2/WG 11)- SP Task 4]

STIP_130 - EN 50125 : Railway applications Environmental conditions for equipment -

[FP4Train CS]

The

IEC Standards to be updated in 2026 are the following : [SPT2ARC-5067]

STIP_031 - IEC 61375-2-3 "Communication Profile" update -

[- FP5, WP9- IEC/TC 9/WG 43- SP Task 4]

[SPT2ARC-5066]

This SP Release will also contain Eulynx/TACS documents updates. [SPT2ARC-5069]

3.5.3 Content

The content will be defined by the SC2.6 remit. It will contain documents that cover the STIP items 2026. [SPT2ARC-4883]

4 Roadmap of SP Releases

This chapter specifies the SP Release roadmap, i.e. a timeline of SP releases. [SPT2ARC-4258]

Task Name	Start	End	2025				2026											
			Q3		Q4		Q1		Q2		Q3			Q4				
			M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16
			9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
ROADMAP	01/10/24	28/12/29																
EURAIL SP	01/10/24	06/11/28																
SP REMITS	01/10/24	06/11/28																
SC2.4 - Remit (Year #)3	01/10/24	27/10/25																
SC2.6 - Remit (Year #4)	28/10/25	12/10/26																
Remit (Year #5)	13/10/26	08/11/27																
ESPR - External SP Releases	02/09/25	15/10/26																
ESPR 1.0 - Release for R2Dato Wave 2 Tender	10/10/25	10/10/25		x														
ESPR 1.1 - Setup of document list	02/09/25	01/10/25																
ESPR 1.1 - Document list submitted to SP SG	02/10/25	22/10/25																
ESPR 1.1 - Document list approval by SP SG	23/10/25	23/10/25		x														
ESPR 1.1 - Release for IM and RU's Tenders	19/12/25	19/12/25					x											
ESPR 2.0 - Release for R2Dato Wave 3 Tender	15/10/26	15/10/26															x	

[SPT2ARC-4181]

5 System milestones

The layout in system milestones including the technical dependency analysis between the different topics and the traceability to the STIP is documented in [A Document and Release Plan - System milestones](#) [SPT2ARC-4567]

6 Open points

Define System Releases after 2026

The current version of this document plans the last SP release in October 2026. Since the SP project will continue up to 2028, one or several SP additional SP releases will have to be specified in the next version of this document.

[SPT2ARC-4949]

7 Tables

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