

## 50 System Architecture Description Traffic CS - Annex B Traceability Report Risk



# System Architecture Description Traffic CS - Annex B Traceability Report Risk

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## Preamble

The Risk Tracing Report shows all logical functions and their related risks that need to be allocated to the corresponding exchanges and functions on System Level 5 (physical architecture).

The report contains the following information:

- System Function (Level 4): Logical function (SL4)
- Risk: the related risks to the logical function
- Functional Exchange SL4: Functional exchanges of the logical function (SL4) related to the risk
- Functional Exchange SL4: Functional exchange on physical level (SL5) that realises the functional exchange on logical level (SL4). There is a checkmark when the risk is linked to the exchange.
- Constraint: Constraint that mitigates the risk. If the risk is not related to a hazard, then there is no constraint defined.
- Constraint Allocation SL4: Allocation of the constraint to a logical function
- Constraint Allocation SL5: Allocation of the constraint to a physical function

**Please note:** Some functional exchanges are not yet traced in the model. Then an allocation to SL5 is not possible yet and will be performed later.
















### Instructions to use the report:



























- One or multiple system functions can be selected at the top.






















- The completeness state of the tracing of the risks can be verified.
- The coherence of the tracing for the constraints can be verified.







Traceability Report















Functions:

System Function (SL4)	Risk	Functional Exchange SL4	Functional Exchange SL5	Constraint	Constraint Allocation SL4	Constraint Allocation SL5
 SPMS-2831 - Merged with traction and braking function Control emergency brake	No linked risks					
 SPMS-2833 - Has wheel position and direction in relation to track coordinates	No linked risks					
 SPMS-2834 - Maintain configuration data	 SPRM-1630 - Output of TCCS Configuration to Traffic CS System: configuration data sent too early	 SPMS-2993 - Actual state of configuration data	 SPMS-7731 - Actual state of configuration data ✗ Not linked to Risk	No constraints		
			 SPMS-7732 - Actual state of configuration data ✗ Not linked to Risk			
	 SPRM-1631 - Output of TCCS Configuration to Trackside Assets CS System: configuration data sent too early	 SPMS-6562 - Actual state of configuration data	No functional exchange items found	No constraints		
	 SPRM-1632 - Output of TCCS Configuration to Configuration Manager: configuration data state sent too early	 SPMS-6901 - Actual state of configuration data	 SPMS-7665 - Actual state of configuration data ✗ Not linked to Risk	No constraints		
	 SPRM-1633 - Output of TCCS Configuration to Signaller: configuration data state sent too early	 SPMS-6902 - Actual state of configuration data	 SPMS-7666 - Actual state of configuration data ✗ Not linked to Risk	No constraints		

 <b>SPRM-1634 - Output of TCCS</b> Configuration to Traffic Management System: configuration data state sent too early	<ul style="list-style-type: none"><li>•  <b>SPMS-6900 - Actual state of configuration data</b></li></ul>	<ul style="list-style-type: none"><li>• No functional exchange items found</li></ul>	No constraints
 <b>SPRM-1635 - Output of TCCS</b> Configuration to Traffic CS System: configuration data sent too late	<ul style="list-style-type: none"><li>•  <b>SPMS-2993 - Actual state of configuration data</b></li></ul>	<ul style="list-style-type: none"><li>•  <b>SPMS-7731 - Actual state of configuration data</b>  Not linked to Risk</li><li>•  <b>SPMS-7732 - Actual state of configuration data</b>  Not linked to Risk</li></ul>	No constraints
 <b>SPRM-1636 - Output of TCCS</b> Configuration to Traffic CS System: wrong configuration data sent	<ul style="list-style-type: none"><li>•  <b>SPMS-2993 - Actual state of configuration data</b></li></ul>	<ul style="list-style-type: none"><li>•  <b>SPMS-7731 - Actual state of configuration data</b>  Not linked to Risk</li><li>•  <b>SPMS-7732 - Actual state of configuration data</b>  Not linked to Risk</li></ul>	No constraints
 <b>SPRM-1637 - Output of TCCS</b> Configuration to Trackside Assets CS System: configuration data sent too late	<ul style="list-style-type: none"><li>•  <b>SPMS-6562 - Actual state of configuration data</b></li></ul>	<ul style="list-style-type: none"><li>• No functional exchange items found</li></ul>	No constraints
 <b>SPRM-1638 - Output of TCCS</b> Configuration to Trackside Assets CS System: wrong configuration data sent	<ul style="list-style-type: none"><li>•  <b>SPMS-6562 - Actual state of configuration data</b></li></ul>	<ul style="list-style-type: none"><li>• No functional exchange items found</li></ul>	No constraints
 <b>SPRM-1639 - Output of TCCS</b> Configuration to Configuration Manager: configuration data state sent too late	<ul style="list-style-type: none"><li>•  <b>SPMS-6901 - Actual state of configuration data</b></li></ul>	<ul style="list-style-type: none"><li>•  <b>SPMS-7665 - Actual state of configuration data</b>  Not linked to Risk</li></ul>	No constraints
 <b>SPRM-1640 - Output of TCCS</b> Configuration to Configuration Manager: wrong configuration data state sent	<ul style="list-style-type: none"><li>•  <b>SPMS-6901 - Actual state of configuration data</b></li></ul>	<ul style="list-style-type: none"><li>•  <b>SPMS-7665 - Actual state of configuration data</b>  Not linked to Risk</li></ul>	No constraints

 SPRM-1641 - <a href="#">Output of TCCS Configuration to Signaller: configuration data state sent too late</a>	<ul style="list-style-type: none"><li> <a href="#">SPMS-6902 - Actual state of configuration data</a></li></ul>	<ul style="list-style-type: none"><li> <a href="#">SPMS-7666 - Actual state of configuration data</a>  Not linked to Risk</li></ul>	No constraints
 SPRM-1642 - <a href="#">Output of TCCS Configuration to Signaller: wrong configuration data state sent</a>	<ul style="list-style-type: none"><li> <a href="#">SPMS-6902 - Actual state of configuration data</a></li></ul>	<ul style="list-style-type: none"><li> <a href="#">SPMS-7666 - Actual state of configuration data</a>  Not linked to Risk</li></ul>	No constraints
 SPRM-1643 - <a href="#">Output of TCCS Configuration to Traffic Management System: configuration data state sent too late</a>	<ul style="list-style-type: none"><li> <a href="#">SPMS-6900 - Actual state of configuration data</a></li></ul>	<ul style="list-style-type: none"><li>No functional exchange items found</li></ul>	No constraints
 SPRM-1646 - <a href="#">Output of TCCS Configuration to Traffic Management System: wrong configuration data state sent</a>	<ul style="list-style-type: none"><li> <a href="#">SPMS-6900 - Actual state of configuration data</a></li></ul>	<ul style="list-style-type: none"><li>No functional exchange items found</li></ul>	No constraints
 SPRM-600 -	<ul style="list-style-type: none"><li> <a href="#">SPMS-6904 - Configuration data</a></li></ul>	<ul style="list-style-type: none"><li>No functional exchange items found</li></ul>	No constraints
 SPRM-601 -	<ul style="list-style-type: none"><li> <a href="#">SPMS-6904 - Configuration data</a></li></ul>	<ul style="list-style-type: none"><li>No functional exchange items found</li></ul>	No constraints
 SPRM-602 -	<ul style="list-style-type: none"><li> <a href="#">SPMS-6904 - Configuration data</a></li></ul>	<ul style="list-style-type: none"><li>No functional exchange items found</li></ul>	No constraints
 SPMS-2836 - <a href="#">Control relative traction and braking effort manually</a>	No linked risks		
 SPMS-2837 - <a href="#">Implement specific traction and braking effort</a>	No linked risks		
 SPMS-2839 - <a href="#">OBSOLET- Control execution of one operational movement</a>	No linked risks		




5F SPMS-2840 - Maintain Traffic CS System configuration data	⚠️ SPRM-1649 - Input from Traffic CS System to TCCS Configuration: wrong configuration data state received	•  SPMS-3211 - Activated state of configuration data	•  SPMS-7744 - Activated state of configuration data ❌ Not linked to Risk	No constraints
	⚠️ SPRM-1647 - Input from Traffic CS System to TCCS Configuration: configuration data state received too early	•  SPMS-3211 - Activated state of configuration data	•  SPMS-7744 - Activated state of configuration data ❌ Not linked to Risk	No constraints
	⚠️ SPRM-1648 - Input from Traffic CS System to TCCS Configuration: configuration data state received too late	•  SPMS-3211 - Activated state of configuration data	•  SPMS-7744 - Activated state of configuration data ❌ Not linked to Risk	No constraints
5F SPMS-2842 - Paused Control+Actuate specific level crossing protection facility state	No linked risks			
5F SPMS-2843 - Calculate operational traffic plan	No linked risks			
5F SPMS-2844 - Provide state and commands to neighbouring Traffic CS	No linked risks			
5F SPMS-2848 - Observe Signaller commands	No linked risks			
5F SPMS-2851 - Determine required position of one point machine	No linked risks			
5F SPMS-2852 - Control start of mission activitites	No linked risks			
5F SPMS-2853 - Supervise state of the railway	No linked risks			
5F SPMS-2856 - Paused Determine required protection state of one level crossing protection facility	No linked risks			
5F SPMS-2857 - tcs_TMS_Observe operating state	No linked risks			
5F SPMS-2859 - moved to PA - Determine 1D train front end position in relation to reference location	No linked risks			
5F SPMS-2861 - To be removed not part of MVP Observe state and position of field force	No linked risks			
5F SPMS-2862 - Calculate information to support driving	No linked risks			
5F SPMS-2865 - Observe neighbouring Traffic CS	No linked risks			


5F SPMS-2866 - Root Logical Function	No linked risks				
5F SPMS-2867 - To be removed not part of MVP Observe state and position of field force	No linked risks				
5F SPMS-2870 - Control automatic driving speed of one train	No linked risks				
5F SPMS-2871 - Determine reaction to failure	No linked risks				
5F SPMS-2872 - Calculate safe speed profiles of one train	⚠️ SPRM-1076 - Early shorten movement permission response from Train CS	•  SPMS-5424 - Respond and request for movement authority data	•  SPMS-6434 - Responded train-specific authorisation ❌ Not linked to Risk	No constraints	
	⚠️ SPRM-1077 - Omitted shorten movement permission response from Train CS	•  SPMS-5424 - Respond and request for movement authority data	•  SPMS-6434 - Responded train-specific authorisation ❌ Not linked to Risk	No constraints	
	⚠️ SPRM-1078 - Incorrect shorten movement permission response from Train CS	•  SPMS-5424 - Respond and request for movement authority data	•  SPMS-6434 - Responded train-specific authorisation ❌ Not linked to Risk	No constraints	
	⚠️ SPRM-1427 - Incorrect shorten movement permission response from Train CS	•  SPMS-5424 - Respond and request for movement authority data	•  SPMS-6434 - Responded train-specific authorisation ❌ Not linked to Risk	No constraints	
5F SPMS-2873 - Manage radio communication session for one train [placeholder]	No linked risks				
5F SPMS-2874 - Control track path allocation for movement permissions	⚠️ SPRM-1073 - Early shorten movement permission request to Train CS	•  SPMS-3065 - Allocated track path	•  SPMS-6393 - Authorised movement permission ✅ Linked to Risk	No constraints	
	⚠️ SPRM-1075 - Incorrect shorten movement permission request to Train CS	•  SPMS-3065 - Allocated track path	•  SPMS-6393 - Authorised movement permission ✅ Linked to Risk	{c} SPRM-1563 - Authorised speed is less or equal to the maximum allowed track speed	•  SPMS-2874 - Control track path allocation for movement permissions •  SPMS-4883 - Authorise movement permissions

			{C} SPRM-1512 - Train moves within Movement Authority	• {SF} SPMS-2921 - Supervise compliance of speed profiles of one train	No allocations found
⚠️ SPRM-1074 - Late shorten movement permission request to Train CS	• 🚦 SPMS-3065 - Allocated track path	• 🚦 SPMS-6393 - Authorised movement permission ✔️ Linked to Risk	No constraints		
⚠️ SPRM-1370 - Incorrect movement authority to Train CS	• 🚦 SPMS-3065 - Allocated track path	• 🚦 SPMS-6393 - Authorised movement permission ✔️ Linked to Risk	{C} SPRM-1563 - Authorised speed is less or equal to the maximum allowed track speed	• {SF} SPMS-2874 - Control track path allocation for movement permissions	• {SF} SPMS-4883 - Authorise movement permissions
⚠️ SPRM-1374 - Incorrect movement authority to Train CS	• 🚦 SPMS-3065 - Allocated track path	• 🚦 SPMS-6393 - Authorised movement permission ✔️ Linked to Risk	{C} SPRM-1776 - Maximum authorised distance is within Movement Permission	• {SF} SPMS-2874 - Control track path allocation for movement permissions	• {SF} SPMS-4883 - Authorise movement permissions
			{C} SPRM-1447 - Maximum authorised distance ends ahead of occupied track	• {SF} SPMS-2874 - Control track path allocation for movement permissions	• {SF} SPMS-4883 - Authorise movement permissions
⚠️ SPRM-1428 - Incorrect shorten movement permission request to Train CS	• 🚦 SPMS-3065 - Allocated track path	• 🚦 SPMS-6393 - Authorised movement permission ✔️ Linked to Risk	No constraints		
⚠️ SPRM-1369 - Early movement authority to Train CS	• 🚦 SPMS-3065 - Allocated track path	• 🚦 SPMS-6393 - Authorised movement permission ✔️ Linked to Risk	No constraints		
⚠️ SPRM-1053 - Early indication of Authorised distance and speed restriction to Signaller	• 🚦 SPMS-3044 - Allocated track path	• 🚦 SPMS-6396 - Indicated track section state ✔️ Linked to Risk • 🚦 SPMS-6432 - Authorised movement	No constraints		




			permission ✔Linked to Risk	
⚠️ SPRM-1054 - Late indication of Authorised distance and speed restriction to Signaller	• 🚦 SPMS-3044 - Allocated track path	• 🚦 SPMS-6396 - Indicated track section state ✔Linked to Risk • 🚦 SPMS-6432 - Authorised movement permission ✔Linked to Risk	No constraints	
⚠️ SPRM-1055 - Incorrect indication of Authorised distance and speed restriction to Signaller	• 🚦 SPMS-3044 - Allocated track path	• 🚦 SPMS-6396 - Indicated track section state ✔Linked to Risk • 🚦 SPMS-6432 - Authorised movement permission ✔Linked to Risk	No constraints	
⚠️ SPRM-1754 -	No functional exchange items found		No constraints	
⚠️ SPRM-1755 -	No functional exchange items found		No constraints	
⚠️ SPRM-1753 -	No functional exchange items found		No constraints	
⚠️ SPRM-595 -	No functional exchange items found		No constraints	
⚠️ SPRM-596 -	No functional exchange items found		No constraints	
⚠️ SPRM-597 -	No functional exchange items found		No constraints	
⚠️ SPRM-2311 - Incorrect point position in movement permission	• 🚦 SPMS-3065 - Allocated track path	• 🚦 SPMS-6393 - Authorised movement permission ❌Not linked to Risk	{C} SPRM-2312 - All STAs in the required path are in the required position	• 🟢 SF SPMS-2874 - Control track path allocation for movement permissions • 🟢 SF SPMS-4883 - Authorise movement permissions
			No constraints	


-  **SPRM-1371 - Late movement authority to Train CS**
-  **SPMS-3065 - Allocated track path**
-  **SPMS-6393 - Authorised movement permission**  
✔ **Linked to Risk**

 **SPMS-2875 - Duplicate instance of function control track path allocation**      No linked risks

 **SPMS-2878 - Determine position and state of one train**      No linked risks


 **SPMS-2879 - Duplicate to be removed Maintain on-board train data [placeholder]**      No linked risks

 **SPMS-2880 - Measure+Estimate 1D acceleration of one train**      No linked risks


 **SPMS-2884 - moved to PA - Measure+Estimate 1D distance since last reset of odometry**      No linked risks


 **SPMS-2885 - tcs\_TRANSVERSAL\_Provide trackside attributes**      No linked risks

 **SPMS-2886 - Observe point status**      No linked risks



 **SPMS-2887 - Placeholder Maintain infrastructure data for one train**      No linked risks

 **SPMS-2889 - tcs\_TRANSVERSAL\_Provide train attributes**      No linked risks

 **SPMS-2890 - Merged with supervise React to emergency [Placeholder]**      No linked risks


 **SPMS-2892 - Measure+Estimate 1D speed of one train front end**      No linked risks

 **SPMS-2894 - Command standstill supervision**      No linked risks

 **SPMS-2895 - Monitor+Store Traffic CS System asset state**       **SPRM-1618 - Input from Traffic CS System to TCCS Diagnostics: monitoring and diagnostic data received too early**


























-  **SPMS-3062 - Monitoring and diagnostic data**
-  **SPMS-7023 - Monitoring and diagnostic data**  
✗ **Not linked to Risk**


























No constraints

 **SPRM-1622 - Input from Traffic CS System to TCCS Diagnostics: monitoring and diagnostic data received too late**

-  **SPMS-3062 - Monitoring and diagnostic data**
-  **SPMS-7023 - Monitoring and diagnostic data**  
✗ **Not linked to Risk**






























No constraints

	<div><div> <a href="#">SPRM-1623 - Input from Traffic CS System to TCCS Diagnostics: wrong monitoring and diagnostic data received</a></div></div>	<div><div> <a href="#">SPMS-3062 - Monitoring and diagnostic data</a></div></div>	<div><div> <a href="#">SPMS-7023 - Monitoring and diagnostic data</a>  Not linked to Risk</div></div>	No constraints
	<div><div> <a href="#">SPRM-1644 - Input from Traffic CS System to TCCS Diagnostics: monitoring and diagnostic data received too late</a></div></div>	<div><div> <a href="#">SPMS-3062 - Monitoring and diagnostic data</a></div></div>	<div><div> <a href="#">SPMS-7023 - Monitoring and diagnostic data</a>  Not linked to Risk</div></div>	No constraints
	<div><div> <a href="#">SPRM-1645 - Input from Traffic CS System to TCCS Diagnostics: wrong monitoring and diagnostic data received</a></div></div>	<div><div> <a href="#">SPMS-3062 - Monitoring and diagnostic data</a></div></div>	<div><div> <a href="#">SPMS-7023 - Monitoring and diagnostic data</a>  Not linked to Risk</div></div>	No constraints
<div><div> <a href="#">SPMS-2896 - Merged with control start of mission activities Acknowledge general train data+Request permission</a></div></div>	No linked risks			
<div><div> <a href="#">SPMS-2897 - Supervise standstill of one train</a></div></div>	No linked risks			
<div><div> <a href="#">SPMS-2898 - tcs_TRANSVERSAL_Maintain diagnostic data</a></div></div>	No linked risks			
<div><div> <a href="#">SPMS-2902 - To be removed not part of MVP Actuate emergency reaction</a></div></div>	No linked risks			
<div><div> <a href="#">SPMS-2903 - moved to PA - Measure+Estimate 3D kinematic information of one train</a></div></div>	No linked risks			
<div><div> <a href="#">SPMS-2905 - Manage radio communication session with one train</a></div></div>	No linked risks			
<div><div> <a href="#">SPMS-2907 - Authorise automatic driving state</a></div></div>	No linked risks			
<div><div> <a href="#">SPMS-2909 - Paused Observe level crossing protection status</a></div></div>	No linked risks			
<div><div> <a href="#">SPMS-2912 - placeholder Maintain static trackside attributes [Placeholder]</a></div></div>	No linked risks			
<div><div> <a href="#">SPMS-2914 - Sense+Observe position of one point</a></div></div>	<div><div> <a href="#">SPRM-1083 - Estimated point position to Trackside Assets CS</a></div></div>	<div><div> <a href="#">SPMS-3209 - Observed point position</a></div></div>	<div><div>No functional exchange items found</div></div>	No constraints
	<div><div> <a href="#">SPRM-1089 - Estimated point position to Trackside Assets CS</a></div></div>			No constraints

		•  SPMS-3209 - Observed point position	• No functional exchange items found	
	 SPRM-1090 - Estimated point position to Trackside Assets CS	•  SPMS-3209 - Observed point position	• No functional exchange items found	No constraints
 SPMS-2917 - Paused Sense+Observe specific level crossing protection facility state	No linked risks			
 SPMS-2919 - Sense+Observe track vacancy proving section state	No linked risks			
 SPMS-2921 - Supervise compliance of speed profiles of one train	No linked risks			
 SPMS-2922 - Synchronise current time	 SPRM-546 - Synchronised current time to Transversal CCS	•  SPMS-3045 - Provided current time	• No functional exchange items found	No constraints
	 SPRM-547 - Synchronised current time to Transversal CCS	•  SPMS-3045 - Provided current time	• No functional exchange items found	No constraints
	 SPRM-548 - Synchronised current time to Transversal CCS	•  SPMS-3045 - Provided current time	• No functional exchange items found	No constraints
 SPMS-2925 - Duplicate with configuration function Maintain train attributes [placeholder]	No linked risks			
 SPMS-2926 - Observe progress of train specific timetable	No linked risks			
 SPMS-2928 - Control state of train doors	No linked risks			
 SPMS-2929 - Control usage restrictions	 SPRM-966 - Early indication of Usage restriction activation state to Signaller	•  SPMS-3174 - Usage restriction state	• No functional exchange items found	{c} SPRM-1701 - Activation process of usage restriction is completed
				•  SPMS-2929 - Control usage restrictions
				•  SPMS-5724 - Authorise usage restriction areas
 SPMS-2932 - Exert force on point rails	No linked risks			
 SPMS-2933 - Supervise guideway of one train	No linked risks			
 SPMS-2935 - Paused Accept train from neighbouring Traffic CS	No linked risks			
 SPMS-2936 - Control cab mode of one train	No linked risks			



























<div><div><div>5F</div></div><div>SPMS-2937 - Has acceleration vector in relation to rolling stock coordinates</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-2942 - Has physical behaviour moves+lies+is locked</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-2944 - Aggregate movable objects information</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-2945 - Has position in relation to geographical coordinates</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-2946 - Paused Handover train to neighbouring Traffic CS</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-2947 - Toggle train cab</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-2949 - Has position and direction in relation to track coordinates</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-2950 - To be removed part of clean up Observe execution state of one operational plan movement</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-2951 - Has velocity in relation to track coordinates</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-3873 - To be removed not part of MVP Confirm track path</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-4400 - To be removed not part of MVP Activate+Deactivate warning area</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-4401 - To be delted not part of MVP? Actuate field force warning</div></div>	No linked risks			
<div><div><div>5F</div></div><div>SPMS-4502 - Monitor+Evaluate system asset state</div></div>	<div><div><div>⚠</div></div><div>SPRM-1596 - Output of TCCS Diagnostics to Asset Management System: system asset state evaluation sent too early</div></div>	<div><div><div>•</div><div><div><div>🔍</div></div><div>SPMS-4507 - Evaluated system asset state</div></div></div></div>	<div><div><div>•</div><div><div><div>🔍</div></div><div>SPMS-7013 - Evaluated system asset state</div></div><div>✖Not linked to Risk</div></div></div>	No constraints
	<div><div><div>⚠</div></div><div>SPRM-1597 - Output of TCCS Diagnostics to Asset Management System: system asset state evaluation sent too late</div></div>	<div><div><div>•</div><div><div><div>🔍</div></div><div>SPMS-4507 - Evaluated system asset state</div></div></div></div>	<div><div><div>•</div><div><div><div>🔍</div></div><div>SPMS-7013 - Evaluated system asset state</div></div><div>✖Not linked to Risk</div></div></div>	No constraints
	<div><div><div>⚠</div></div><div>SPRM-1598 - Output of TCCS Diagnostics to Asset Management</div></div>		<div><div><div>•</div><div><div><div>🔍</div></div><div>SPMS-7013 - Evaluated system</div></div></div></div>	No constraints






















System: wrong system asset state evaluation sent	<ul style="list-style-type: none"> <li>SPMS-4507 - Evaluated system asset state</li> </ul>	asset state ✗ Not linked to Risk	
 SPRM-1602 - Output of TCCS Diagnostics to Signaller: system asset state evaluation sent too early	<ul style="list-style-type: none"> <li>SPMS-6556 - Evaluated system asset state</li> </ul>	<ul style="list-style-type: none"> <li>SPMS-7015 - Evaluated system asset state</li> </ul> ✗ Not linked to Risk	No constraints
 SPRM-1603 - Output of TCCS Diagnostics to Signaller: system asset state evaluation sent too late	<ul style="list-style-type: none"> <li>SPMS-6556 - Evaluated system asset state</li> </ul>	<ul style="list-style-type: none"> <li>SPMS-7015 - Evaluated system asset state</li> </ul> ✗ Not linked to Risk	No constraints
 SPRM-1604 - Output of TCCS Diagnostics to Signaller: wrong system asset state evaluation sent	<ul style="list-style-type: none"> <li>SPMS-6556 - Evaluated system asset state</li> </ul>	<ul style="list-style-type: none"> <li>SPMS-7015 - Evaluated system asset state</li> </ul> ✗ Not linked to Risk	No constraints
 SPRM-1608 - Output of TCCS Diagnostics to Infrastructure Manager: system asset state evaluation sent too early	<ul style="list-style-type: none"> <li>SPMS-6558 - Evaluated system asset state</li> </ul>	<ul style="list-style-type: none"> <li>SPMS-7019 - Evaluated system asset state</li> </ul> ✗ Not linked to Risk	No constraints
 SPRM-1609 - Output of TCCS Diagnostics to Infrastructure Manager: system asset state evaluation sent too late	<ul style="list-style-type: none"> <li>SPMS-6558 - Evaluated system asset state</li> </ul>	<ul style="list-style-type: none"> <li>SPMS-7019 - Evaluated system asset state</li> </ul> ✗ Not linked to Risk	No constraints
 SPRM-1610 - Output of TCCS Diagnostics to Infrastructure Manager: wrong system asset state evaluation sent	<ul style="list-style-type: none"> <li>SPMS-6558 - Evaluated system asset state</li> </ul>	<ul style="list-style-type: none"> <li>SPMS-7019 - Evaluated system asset state</li> </ul> ✗ Not linked to Risk	No constraints
 SPRM-1611 - Output of TCCS Diagnostics to Railway Undertaking: system asset state evaluation sent too early	<ul style="list-style-type: none"> <li>SPMS-6559 - Evaluated system asset state</li> </ul>	<ul style="list-style-type: none"> <li>SPMS-7021 - Evaluated system asset state</li> </ul> ✗ Not linked to Risk	No constraints














<div> <b>SPRM-1612 - Output of TCCS</b> Diagnostics to Railway Undertaking: system asset state evaluation sent too late</div>	<div> <b>SPMS-6559 -</b> Evaluated system asset state</div>	<div> <b>SPMS-7021 -</b> Evaluated system asset state  Not linked to Risk</div>	No constraints
<div> <b>SPRM-1613 - Output of TCCS</b> Diagnostics to Railway Undertaking: wrong system asset state evaluation sent</div>	<div> <b>SPMS-6559 -</b> Evaluated system asset state</div>	<div> <b>SPMS-7021 -</b> Evaluated system asset state  Not linked to Risk</div>	No constraints
<div> <b>SPRM-1614 - Output of TCCS</b> Diagnostics to Field Force (maintainer): system asset state evaluation sent too early</div>	<div> <b>SPMS-6560 -</b> Evaluated system asset state</div>	<div><div> <b>SPMS-7022 -</b> Evaluated system asset state  Not linked to Risk</div><div> <b>SPMS-7750 -</b> Evaluated system asset state  Not linked to Risk</div></div>	No constraints
<div> <b>SPRM-1615 - Output of TCCS</b> Diagnostics to Field Force (maintainer): system asset state evaluation sent too late</div>	<div> <b>SPMS-6560 -</b> Evaluated system asset state</div>	<div><div> <b>SPMS-7022 -</b> Evaluated system asset state  Not linked to Risk</div><div> <b>SPMS-7750 -</b> Evaluated system asset state  Not linked to Risk</div></div>	No constraints
<div> <b>SPRM-1616 - Output of TCCS</b> Diagnostics to Field Force (maintainer): wrong system asset state evaluation sent</div>	<div> <b>SPMS-6560 -</b> Evaluated system asset state</div>	<div><div> <b>SPMS-7022 -</b> Evaluated system asset state  Not linked to Risk</div><div> <b>SPMS-7750 -</b> Evaluated system asset state  Not linked to Risk</div></div>	No constraints
<div> <b>SPRM-1594 -</b></div>	<div> <b>SPMS-4507 -</b> Evaluated system asset state</div>	<div> <b>SPMS-7013 -</b> Evaluated system</div>	No constraints
























asset state ✗Not linked to Risk						
5F SPMS-4503 - Plan maintenance tasks+Manage asset	⚠️ SPRM-1619 - Input from Asset Management System to TCCS Diagnostics: logistic data received too early	• 5F SPMS-6555 - Logistic data	• 5F SPMS-7017 - Logistic data ✗Not linked to Risk	No constraints		
	⚠️ SPRM-1657 - Input from Asset Management System to TCCS Diagnostics: logistic data received too late	• 5F SPMS-6555 - Logistic data	• 5F SPMS-7017 - Logistic data ✗Not linked to Risk	No constraints		
	⚠️ SPRM-1658 - Input from Asset Management System to TCCS Diagnostics: wrong logistic data received	• 5F SPMS-6555 - Logistic data	• 5F SPMS-7017 - Logistic data ✗Not linked to Risk	No constraints		
5F SPMS-4504 - Carry out maintenance tasks	No linked risks					
5F SPMS-4505 - To be removed not part of MVP Control execution of field force warnings	No linked risks					
5F SPMS-4559 - Implement specific doors state	No linked risks					
5F SPMS-4560 - Supervise passenger exchange	No linked risks					
5F SPMS-5265 - Control target state of one point	⚠️ SPRM-1069 - Early required point position to Trackside Assets CS	• 5F SPMS-3227 - Required point position	• 5F SPMS-6357 - Commanded point position state ✔Linked to Risk	{c} SPRM-1775 - Point is reserved for one movement permission	• 5F SPMS-5265 - Control target state of one point	• 5F SPMS-4903 - Authorise target position of point
				{c} SPRM-1699 - Point is free of occupancy	• 5F SPMS-5265 - Control target state of one point	• 5F SPMS-4903 - Authorise target position of point
	⚠️ SPRM-1071 - Incorrect required point position to Trackside Assets CS	• 5F SPMS-3227 - Required point position	• 5F SPMS-6357 - Commanded point position state ✔Linked to Risk	{c} SPRM-1729 - Point position is equal to required point position	• 5F SPMS-2851 - Determine required position of one point machine	• 5F SPMS-4885 - Determine required position of one point machine
	⚠️ SPRM-1734 - Late required point position to Trackside Assets CS (2/2)	• 5F SPMS-3227 - Required point position	• 5F SPMS-6357 - Commanded point position state ✔Linked to Risk	{c} SPRM-1729 - Point position is equal to required point position	• 5F SPMS-2851 - Determine required position of one point machine	• 5F SPMS-4885 - Determine required position of one point machine


























	 SPRM-1070 - Late required point position to Trackside Assets CS (1/2)	<ul style="list-style-type: none"><li> SPMS-3227 - Required point position</li></ul>	<ul style="list-style-type: none"><li> SPMS-6357 - Commanded point position state<ul style="list-style-type: none"><li> Linked to Risk</li></ul></li></ul>	<div><div>{C} SPRM-1775 - Point is reserved for one movement permission</div><div>{C} SPRM-1730 - Point position command is sent after performing the safety checks</div><div>{C} SPRM-1699 - Point is free of occupancy</div><div>{C} SPRM-2281 - Point position command is executed within a defined time</div></div>	<ul style="list-style-type: none"><li> SPMS-5265 - Control target state of one point</li><li> SPMS-4903 - Authorise target position of point</li></ul> <ul style="list-style-type: none"><li> SPMS-5265 - Control target state of one point</li><li> SPMS-4903 - Authorise target position of point</li></ul> <ul style="list-style-type: none"><li> SPMS-5265 - Control target state of one point</li><li> SPMS-4903 - Authorise target position of point</li></ul>	
					<ul style="list-style-type: none"><li> SPMS-2851 - Determine required position of one point machine</li></ul>	No allocations found
	 SPMS-5266 - Paused Observe level crossing status	No linked risks				
	 SPMS-5267 - Paused Control target state level crossing protection	No linked risks				
 SPMS-5332 - Generate train-specific timetable information	 SPRM-1382 - Early specific timetable information to Train CS	<ul style="list-style-type: none"><li> SPMS-3067 - Generated train-specific timetable information</li></ul>	<ul style="list-style-type: none"><li> SPMS-7733 - Defined segment profile<ul style="list-style-type: none"><li> Not linked to Risk</li></ul></li><li> SPMS-6392 - Generated journey profile<ul style="list-style-type: none"><li> Not linked to Risk</li></ul></li></ul>	No constraints		
	 SPRM-1383 - Late specific timetable information to Train CS	<ul style="list-style-type: none"><li> SPMS-3067 - Generated train-specific timetable information</li></ul>	<ul style="list-style-type: none"><li> SPMS-7733 - Defined segment profile<ul style="list-style-type: none"><li> Not linked to Risk</li></ul></li><li> SPMS-6392 - Generated journey profile<ul style="list-style-type: none"><li> Not linked to Risk</li></ul></li></ul>	No constraints		

























	 <b>SPRM-1384</b> - Incorrect specific timetable information to Train CS	<ul style="list-style-type: none"><li> <b>SPMS-3067</b> - Generated train-specific timetable information</li></ul>	<ul style="list-style-type: none"><li> <b>SPMS-7733</b> - Defined segment profile  Not linked to Risk</li><li> <b>SPMS-6392</b> - Generated journey profile  Not linked to Risk</li></ul>	No constraints
 <b>SPMS-5395</b> - Provide+sign configuration data	 <b>SPRM-1670</b> - Input from Data Preparation to TCCS Configuration: signed configuration data received too early	<ul style="list-style-type: none"><li> <b>SPMS-6907</b> - Configuration data</li></ul>	<ul style="list-style-type: none"><li> <b>SPMS-7670</b> - Configuration data  Not linked to Risk</li></ul>	No constraints
	 <b>SPRM-1671</b> - Input from Data Preparation to TCCS Configuration: signed configuration data received too late	<ul style="list-style-type: none"><li> <b>SPMS-6907</b> - Configuration data</li></ul>	<ul style="list-style-type: none"><li> <b>SPMS-7670</b> - Configuration data  Not linked to Risk</li></ul>	No constraints
	 <b>SPRM-1672</b> - Input from Data Preparation to TCCS Configuration: wrong signed configuration data received	<ul style="list-style-type: none"><li> <b>SPMS-6907</b> - Configuration data</li></ul>	<ul style="list-style-type: none"><li> <b>SPMS-7670</b> - Configuration data  Not linked to Risk</li></ul>	No constraints
 <b>SPMS-5396</b> - Prepare vehicle data	No linked risks			
 <b>SPMS-5399</b> - Provide planned activation time	 <b>SPRM-1661</b> - Input from Traffic Management System to TCCS Configuration: configuration data activation plan received too early	<ul style="list-style-type: none"><li> <b>SPMS-5411</b> - Planned activation time</li></ul>	<ul style="list-style-type: none"><li> <b>SPMS-7671</b> - Planned activation time  Not linked to Risk</li></ul>	No constraints
	 <b>SPRM-1662</b> - Input from Traffic Management System to TCCS Configuration: configuration data activation plan received too late	<ul style="list-style-type: none"><li> <b>SPMS-5411</b> - Planned activation time</li></ul>	<ul style="list-style-type: none"><li> <b>SPMS-7671</b> - Planned activation time  Not linked to Risk</li></ul>	No constraints
	 <b>SPRM-1663</b> - Input from Traffic Management System to TCCS Configuration: wrong configuration data activation plan received	<ul style="list-style-type: none"><li> <b>SPMS-5411</b> - Planned activation time</li></ul>	<ul style="list-style-type: none"><li> <b>SPMS-7671</b> - Planned activation time  Not linked to Risk</li></ul>	No constraints
 <b>SPMS-5400</b> - Prepare+Supervise distribution of the configuration data				No constraints

5F SPMS-6269 - Provide current time	 SPRM-1656 - Input from Configuration Manager to TCCS Configuration: configuration data state received too early	 SPMS-5413 - Required state of configuration data	 SPMS-7674 - Required state of configuration data ✗ Not linked to Risk	
	 SPRM-1659 - Input from Configuration Manager to TCCS Configuration: configuration data state received too late	 SPMS-5413 - Required state of configuration data	 SPMS-7674 - Required state of configuration data ✗ Not linked to Risk	No constraints
	 SPRM-1660 - Input from Configuration Manager to TCCS Configuration: wrong configuration data state received	 SPMS-5413 - Required state of configuration data	 SPMS-7674 - Required state of configuration data ✗ Not linked to Risk	No constraints
	 SPRM-1617 - Input to TCCS Diagnostics: Time reference received too early	 SPMS-4506 - Provided current time	 SPMS-7026 - Provided current time ✗ Not linked to Risk	No constraints
	 SPRM-1624 - Input to TCCS Diagnostics: Time reference received too late	 SPMS-4506 - Provided current time	 SPMS-7026 - Provided current time ✗ Not linked to Risk	No constraints
	 SPRM-1650 - Input to TCCS time synchronisation: Time Reference sent too early	 SPMS-6271 - Provide current time	 SPMS-7025 - Provide current time ✗ Not linked to Risk	No constraints
	 SPRM-1651 - Input to TCCS time synchronisation: Time Reference sent too late	 SPMS-6271 - Provide current time	 SPMS-7025 - Provide current time ✗ Not linked to Risk	No constraints
	 SPRM-1652 - Input to TCCS time synchronisation: wrong Time Reference received	 SPMS-6271 - Provide current time	 SPMS-7025 - Provide current time ✗ Not linked to Risk	No constraints
	 SPRM-1653 - Input to TCCS Configuration: Time Reference sent too early	 SPMS-5412 - Provided current time	 SPMS-7673 - Provided current time ✗ Not linked to Risk	No constraints

	<div> SPRM-1654 - <a href="#">Input to TCCS</a> Configuration: Time Reference sent too late</div>	<div><div> SPMS-5412 - <a href="#">Provided current time</a></div></div>	<div><div> SPMS-7673 - <a href="#">Provided current time</a>  Not linked to Risk</div></div>	No constraints	
	<div> SPRM-1655 - <a href="#">Input to TCCS</a> Configuration: wrong Time Reference received</div>	<div><div> SPMS-5412 - <a href="#">Provided current time</a></div></div>	<div><div> SPMS-7673 - <a href="#">Provided current time</a>  Not linked to Risk</div></div>	No constraints	
	<div> SPRM-1625 - <a href="#">Input to TCCS</a> Diagnostics: wrong Time reference received</div>	<div><div> SPMS-4506 - <a href="#">Provided current time</a></div></div>	<div><div> SPMS-7026 - <a href="#">Provided current time</a>  Not linked to Risk</div></div>	No constraints	
<div> SPMS-6529 - <a href="#">Analyse Infrastructure Manager</a> system asset state</div>	No linked risks				
<div> SPMS-6530 - <a href="#">Analyse Railway Undertaking</a> system asset state</div>	No linked risks				
<div> SPMS-6531 - <a href="#">Assess system asset state impact</a></div>	No linked risks				
<div> SPMS-6532 - <a href="#">Monitor system asset state</a> information</div>	No linked risks				
<div> SPMS-6533 - <a href="#">Monitor+Store Trackside Assets</a> CS System asset state</div>	<div> SPRM-1620 - <a href="#">Input from Trackside</a> <a href="#">Assets CS System to TCCS Diagnostics:</a> monitoring and diagnostic data received too early</div>	<div><div> SPMS-6561 - <a href="#">Monitoring and diagnostic data</a></div></div>	<div><div> SPMS-7024 - <a href="#">Monitoring and diagnostic data</a>  Not linked to Risk</div><div><div> SPMS-7085 - <a href="#">Monitoring and diagnostic data</a>  Not linked to Risk</div></div></div>	No constraints	
	<div> SPRM-1626 - <a href="#">Input from Trackside</a> <a href="#">Assets CS System to TCCS Diagnostics:</a> monitoring and diagnostic data received too late</div>	<div><div> SPMS-6561 - <a href="#">Monitoring and diagnostic data</a></div></div>	<div><div> SPMS-7024 - <a href="#">Monitoring and diagnostic data</a>  Not linked to Risk</div><div><div> SPMS-7085 - <a href="#">Monitoring and diagnostic data</a>  Not linked to Risk</div></div></div>	No constraints	
	<div> SPRM-1627 - <a href="#">Input from Trackside</a> <a href="#">Assets CS System to TCCS Diagnostics:</a></div>				No constraints

	wrong monitoring and diagnostic data received	<ul style="list-style-type: none"><li>•  SPMS-6561 - Monitoring and diagnostic data</li></ul>	<ul style="list-style-type: none"><li>•  SPMS-7024 - Monitoring and diagnostic data ✗ Not linked to Risk</li><li>•  SPMS-7085 - Monitoring and diagnostic data ✗ Not linked to Risk</li></ul>	
 SPMS-6534 - Maintain Trackside Assets CS System configuration data	 SPRM-1979 - Input from Trackside Assets CS System to TCCS Configuration: system state observation received too early	<ul style="list-style-type: none"><li>•  SPMS-6609 - Activated state of configuration data</li></ul>	<ul style="list-style-type: none"><li>•  SPMS-7743 - Activated state of configuration data ✗ Not linked to Risk</li></ul>	No constraints
	 SPRM-2009 - Input from Trackside Assets CS System to TCCS Configuration: system state observation received too late	<ul style="list-style-type: none"><li>•  SPMS-6609 - Activated state of configuration data</li></ul>	<ul style="list-style-type: none"><li>•  SPMS-7743 - Activated state of configuration data ✗ Not linked to Risk</li></ul>	No constraints
	 SPRM-2010 - Input from Trackside Assets CS System to TCCS Configuration: wrong system state observation received	<ul style="list-style-type: none"><li>•  SPMS-6609 - Activated state of configuration data</li></ul>	<ul style="list-style-type: none"><li>•  SPMS-7743 - Activated state of configuration data ✗ Not linked to Risk</li></ul>	No constraints
 SPMS-6883 - Check+Sign configuration data	 SPRM-1664 - Input from Integrator to TCCS Configuration: checked and signed configuration data received too early	<ul style="list-style-type: none"><li>•  SPMS-6906 - Configuration data</li></ul>	<ul style="list-style-type: none"><li>•  SPMS-7669 - Configuration data ✗ Not linked to Risk</li></ul>	No constraints
	 SPRM-1665 - Input from Integrator to TCCS Configuration: checked and signed configuration data received too late	<ul style="list-style-type: none"><li>•  SPMS-6906 - Configuration data</li></ul>	<ul style="list-style-type: none"><li>•  SPMS-7669 - Configuration data ✗ Not linked to Risk</li></ul>	No constraints
	 SPRM-1666 - Input from Integrator to TCCS Configuration: wrong checked and signed configuration data received	<ul style="list-style-type: none"><li>•  SPMS-6906 - Configuration data</li></ul>	<ul style="list-style-type: none"><li>•  SPMS-7669 - Configuration data ✗ Not linked to Risk</li></ul>	No constraints
 SPMS-6884 - Monitor+Store Train CS System asset state	 SPRM-1621 - Input from Train CS System to TCCS Diagnostics: monitoring and diagnostic data received too early	<ul style="list-style-type: none"><li>•  SPMS-6909 - Monitoring and diagnostic data</li></ul>	<ul style="list-style-type: none"><li>•  SPMS-7020 - Monitoring and</li></ul>	No constraints





















			diagnostic data ✗ Not linked to Risk	
	 SPRM-1628 - Input from Train CS System to TCCS Diagnostics: monitoring and diagnostic data received too late	•  SPMS-6909 - Monitoring and diagnostic data	•  SPMS-7020 - Monitoring and diagnostic data ✗ Not linked to Risk	No constraints
	 SPRM-1629 - Input from Train CS System to TCCS Diagnostics: wrong monitoring and diagnostic data received	•  SPMS-6909 - Monitoring and diagnostic data	•  SPMS-7020 - Monitoring and diagnostic data ✗ Not linked to Risk	No constraints
 SPMS-6885 - Provide configuration data	 SPRM-1676 - Input from Integrator to TCCS Configuration: configuration data received too early	•  SPMS-6906 - Configuration data	•  SPMS-7669 - Configuration data ✗ Not linked to Risk	No constraints
	 SPRM-1677 - Input from Integrator to TCCS Configuration: configuration data received too late	•  SPMS-6906 - Configuration data	•  SPMS-7669 - Configuration data ✗ Not linked to Risk	No constraints
	 SPRM-1678 - Input from Integrator to TCCS Configuration: wrong configuration data received	•  SPMS-6906 - Configuration data	•  SPMS-7669 - Configuration data ✗ Not linked to Risk	No constraints
 SPMS-6886 - Provide planned activation time for vehicle	 SPRM-1679 - Input from Railway Undertaking IT System to TCCS Configuration: configuration data activation plan received too early	•  SPMS-6910 - Planned activation time	•  SPMS-7672 - Planned activation time ✗ Not linked to Risk	No constraints
	 SPRM-1680 - Input from Railway Undertaking IT System to TCCS Configuration: configuration data activation plan received too late	•  SPMS-6910 - Planned activation time	•  SPMS-7672 - Planned activation time ✗ Not linked to Risk	No constraints



	<div><div> SPRM-1681 - Input from Railway Undertaking IT System to TCCS Configuration: wrong configuration data activation plan received</div></div>	<div><div> SPMS-6910 - Planned activation time</div></div>	<div><div> SPMS-7672 - Planned activation time</div><div> Not linked to Risk</div></div>	No constraints
<div><div> SPMS-6887 - Provide+Sign configuration data</div></div>	No linked risks			
<div><div> SPMS-6931 - Switch train power</div></div>	No linked risks			
<div><div> SPMS-6932 - Control power of one train</div></div>	No linked risks			
<div><div> SPMS-6933 - Control voice communication for one train</div></div>	No linked risks			
<div><div> SPMS-6934 - Control radio system of one train</div></div>	No linked risks			
<div><div> SPMS-6935 - Control registration of functional number</div></div>	No linked risks			
<div><div> SPMS-6952 - Use system voice communication</div></div>	No linked risks			
<div><div> SPMS-6953 - Use system voice communication</div></div>	No linked risks			
<div><div> SPMS-6971 - Determine proximity of station platform</div></div>	No linked risks			
<div><div> SPMS-7115 - Acknowledge train data</div></div>	No linked risks			
<div><div> SPMS-7248 - Maintain Train CS System configuration data</div></div>	<div><div> SPRM-2011 - Input from TrainCS System to TCCS Configuration: system state observation received too early</div></div>	<div><div> SPMS-7251 - Activated state of configuration data</div></div>	<div>No functional exchange items found</div>	No constraints
	<div><div> SPRM-2012 - Input from TrainCS System to TCCS Configuration: system state observation received too late</div></div>	<div><div> SPMS-7251 - Activated state of configuration data</div></div>	<div>No functional exchange items found</div>	No constraints
	<div><div> SPRM-2013 - Input from TrainCS System to TCCS Configuration: wrong system state observation received</div></div>	<div><div> SPMS-7251 - Activated state of configuration data</div></div>	<div>No functional exchange items found</div>	No constraints
<div><div> SPMS-7319 - Carry out maintenance tasks</div></div>	No linked risks			
<div><div> SPT2TRAIN-5597 - Provide Automatic Train Protection and cab signalling</div></div>	No linked risks			
<div><div> SPT2TRAIN-5598 - Provide Automatic Driving up to GoA2 over ETCS</div></div>	No linked risks			

<div><div>SF</div><div>SPT2TRAIN-5599 - Communicate with the CCS Trackside Subsystem</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-5600 - Communicate with the driver</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-5601 - Communicate with the STM</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6106 - Monitor health equipment and provide degraded mode support</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6107 - Support data recording for regulatory purposes</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6108 - Forward information/orders and receiving state information from rolling stock</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6109 - Support Shared-services</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6110 - Locate the train in a 3D coordinate system</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6371 - Set the train characteristics (e.g. maximum train speed, braking performance)</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6372 - Select the supervision mode on the basis of information from trackside</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6373 - Perform odometry functions</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6374 - Provide safe train speed</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6375 - Provide safe train acceleration</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6376 - Provide odometry information</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6377 - Locate the train in a coordinate system based on Eurobalise locations</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6378 - Calculate the dynamic speed profile for its mission on the basis of train characteristics and of info from trackside</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6379 - Supervise the dynamic speed during the mission</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6380 - Provide the intervention function</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6381 - Manage information of completeness of the train (Train integrity and safe consist length information)</div></div>	No linked risks



<div><div>SF</div><div>SPT2TRAIN-6382 - Manage information about Cold movement detection</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6383 - Provide the driving function</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6384 - Manage Timing Points</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6385 - Add/skip stopping point</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6386 - Hold train at a stopping point</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6387 - Manage low adhesion</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6388 - Manage time</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6389 - Manage reporting</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6390 - Manage data consistency</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6391 - Manage ATO system version</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6392 - Determine ATO-OB train position</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6393 - Perform Driving Advisory System functions</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6394 - Perform ATO-OB self-test</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6395 - ATO-OB Data acquisition</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6396 - Eurobalise data transmission</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6397 - Euroloop data transmission</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6398 - Radio data transmission for radio infill</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6399 - Radio data transmission</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6400 - KER balise data transmission</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6401 - Key Management</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6402 - Enter ETCS and ATO information into the on-board by the driver</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6403 - Enter Railway Mobile Radio (RMR) information into the on-board by the driver</div></div>	No linked risks
<div><div>SF</div><div>SPT2TRAIN-6404 - Provide ETCS information to the driver</div></div>	No linked risks
	No linked risks

 SPT2TRAIN-6405 - Provide ATO information to the driver	
 SPT2TRAIN-6406 - Provide NTC information to the driver	No linked risks
 SPT2TRAIN-6407 - Provide Railway Mobile Radio (RMR) information to the driver	No linked risks
 SPT2TRAIN-6408 - Manage the STM output	No linked risks
 SPT2TRAIN-6409 - Providing data to be used by the STM	No linked risks
 SPT2TRAIN-6410 - Managing STM transitions	No linked risks
 SPT2TRAIN-6411 - Initialise the on-board ETCS functionality	No linked risks
 SPT2TRAIN-6412 - Provide degraded mode support	No linked risks
 SPT2TRAIN-6413 - Isolate the on-board ETCS functionality	No linked risks
 SPT2TRAIN-6414 - Record juridical data to the on-board recording device	No linked risks
 SPT2TRAIN-6415 - Communication between ETCS and rolling stock	No linked risks
 SPT2TRAIN-6416 - Communication between ATO and rolling stock	No linked risks
 SPT2TRAIN-6417 - Online Monitoring Functions	No linked risks
 SPT2TRAIN-6418 - Monitoring for ETCS	No linked risks
 SPT2TRAIN-6419 - Monitoring for ATO	No linked risks
 SPT2TRAIN-6420 - Security Services	No linked risks
 SPT2TRAIN-6421 - Train Time and Location Service (TTLS)	No linked risks
 SPT2TRAIN-6422 - Provide 3D position and uncertainty	No linked risks
 SPT2TRAIN-6423 - Provide 3D velocity and uncertainty	No linked risks
 SPT2TRAIN-6424 - Provide 3D acceleration and uncertainty	No linked risks

 SPT2TRAIN-6425 - <a href="#">Provide 3D attitude and uncertainty</a>	No linked risks
 SPT2TRAIN-6426 - <a href="#">Provide virtual reference location information</a>	No linked risks

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