



EULYNX Initiative

EULYNX Security Threat and Risk Analysis

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ID	Type	Requirement	Valid for
Eu.Sec-TRA.1	Head	1 Introduction	
Eu.Sec-TRA.2	Head	1.1 Release information	
Eu.Sec-TRA.3	Info	[Eu.Doc.116] EULYNX Security Threat and Risk Analysis CENELEC Phase: 3 Version: 1.1 (0.A) Approval date: 15.06.2023	--
Eu.Sec-TRA.4	Info	Version history	--
Eu.Sec-TRA.5	Info	version number: 0.1 (0.A) date: 22.12.2021 author: Ulrich Meier, Roger Metz, Richard Poschinger, André Rumbold, Max Schubert review: security cluster changes: initial version in Doors	--
Eu.Sec-TRA.82	Info	version number: 0.1 (1.A) date: 24.02.2022 author: Ulrich Meier, Roger Metz, Richard Poschinger, André Rumbold, Max Schubert review: security cluster changes: editorial corrections	--
Eu.Sec-TRA.84	Info	version number: 1.0 (0.A) date: 17.05.2022 author: Ulrich Meier, Roger Metz, Richard Poschinger, André Rumbold, Max Schubert review: CCB changes: editorial corrections and changes from CCB and UNIFE review	--
Eu.Sec-TRA.86	Info	version number: 1.1 (0.A) date: 28.06.2023 author: Richard Poschinger, Nicolas Poyet review: Security cluster + CCB changes: Minor changes and improvements for Baseline 4 Release 2	--
Eu.Sec-TRA.6	Head	1.2 Impressum	
Eu.Sec-TRA.7	Info	Publisher: EULYNX Initiative A full list of the EULYNX Partners can be found on www.eulynx.eu/index.php/members	--
Eu.Sec-TRA.8	Info	Responsible for this document: EULYNX Project Management Office www.eulynx.eu	--
Eu.Sec-TRA.9	Info	Copyright EULYNX Partners All information included or disclosed in this document is licensed under the European Union Public Licence EUPL, Version 1.2 or later.	--
Eu.Sec-TRA.10	Head	1.3 Purpose	
Eu.Sec-TRA.11	Info	The purpose of this document is to perform the threat and risk analysis based on the EULYNX Security Concept [Eu.Doc.15] and with that the defined system under consideration.	--
Eu.Sec-TRA.12	Info	This document belongs to phase three and five according to the CENELEC V-model based on EN 50126 and TS 50701.	--
Eu.Sec-TRA.13	Info	This document lays the basis for the EULYNX Security Specifications [Eu.Doc.114], the EULYNX Security Parameter Specification [Eu.Doc.115] and Interface definition and specification SSI [Eu.Doc.117].	--
Eu.Sec-TRA.14	Info	This document is not supposed to be part of the specification and thus not of any tender.	--

ID	Type	Requirement	Valid for
Eu.Sec-TRA.15	Info	This document shall be regularly adapted to the status of threats, technical ability, and learnings.	--
Eu.Sec-TRA.16	Info	The document is seen as informative and has, in the sense of a specification, no binding requirement. It gives on the other hand evidence to every relevant reader, that each requirement is derived from a concrete threat and risk.	--
Eu.Sec-TRA.76	Info	This document is intended for the following users: <ul style="list-style-type: none"> • safety authorities • infrastructure managers • safety assessors • signalling system suppliers • validators • security assessors 	--
Eu.Sec-TRA.77	Info	The applicability of each requirement either exclusively for the infrastructure manager or for all relevant parties is indicated by the column "Valid for". Note: 'All parties' may include suppliers of signalling system components and suppliers of other components dedicated to IT security.	--
Eu.Sec-TRA.83	Info	The following statements should be considered before applying the specification: <ul style="list-style-type: none"> • The security documents of the following enumeration shall be referred and used only as a complete set. <ul style="list-style-type: none"> o Eu.Doc.15 o Eu.Doc.114 o Eu.Doc.115 o Eu.Doc.116 o Eu.Doc.117 o Eu.Doc.121 • Development of the specification is based on IEC 62443 process, together with TS 50701 railway specification application suggestions. • If the infrastructure manager (IM) applies the Security Specification, the IM must be aware that successful implementation requires a detailed analysis and adoption of, at least, the IM's rollout and maintenance procedures. • The specifications contains options that need to be decided carefully by the IM due to impact to feasibility in migration, business activity, process adoption for operation (rollout, maintenance,...), tender process, possible suppliers, and costs (CAPEX, OPEX). • The current specification does not contain testing requirements for the suppliers. So, the test type (testing, audit, analysis, demonstration) and its acceptance criteria should be defined before using the documents in tender process. 	--
Eu.Sec-TRA.17	Head	1.4 Applicable standards and regulations	
Eu.Sec-TRA.18	Info	A list of applicable standards and regulations used in EULYNX is listed in the EULYNX Reference Document List [Eu.Doc.12].	--
Eu.Sec-TRA.19	Info	This document refers to the Security Standards for industrial security and rail security [IEC 62443] and [TS 50701].	--
Eu.Sec-TRA.20	Info	The methodology for the threat and risk analysis follows IEC 62443-3-2 and is supported by DIN VDE [0831-104]. The methodology was tested and specified in the Security Guideline (published by the EUG).	--
Eu.Sec-TRA.21	Head	1.5 Applicable documents	
Eu.Sec-TRA.22	Info	The current versions of EULYNX documents used as input or related to this document are listed in the EULYNX Documentation Plan [Eu.Doc.11]. The relationships between the documents are displayed in the Appendix A1 Documentation plan and structure [Eu.Doc.11_A1].	--
Eu.Sec-TRA.24	Head	1.6 Terms and abbreviations	
Eu.Sec-TRA.25	Info	The terms and abbreviations are listed in the EULYNX Glossary [Eu.Doc.9].	--
Eu.Sec-TRA.27	Head	1.7 Variability management	
Eu.Sec-TRA.28	Info	This document is valid for the complete EULYNX System. Variability management is not used in this document.	--
Eu.Sec-TRA.29	Head	1.8 Definition of object types	
Eu.Sec-TRA.30	Info	The following definition for object types is applied in this document:	--
Eu.Sec-TRA.31	Info	<ul style="list-style-type: none"> • "Req" - This denotes a mandatory requirement. 	--

ID	Type	Requirement	Valid for
Eu.Sec-TRA.32	Info	• "Info" - This denotes additional information to help understand the specification. These objects do not specify any additional requirements.	--
Eu.Sec-TRA.33	Info	• "Head" - This denotes chapter headings.	--
Eu.Sec-TRA.34	Head	1.9 Document structure	
Eu.Sec-TRA.35	Info	The threat and risk analysis were performed using Excel. Since security analysis need to be adopted regularly to current threat and new technology situation, the documentation was not transferred to Doors.	--
Eu.Sec-TRA.36	Info	The table contains two phases of the CENELEC V-Model.	--
Eu.Sec-TRA.37	Info	Phase Three: The threat and risk analysis	--
Eu.Sec-TRA.38	Info	Phase Five: The compliance check	--
Eu.Sec-TRA.39	Head	2 Threat and Risk Analysis	
Eu.Sec-TRA.40	Head	2.1 Performing the threat and risk analysis	
Eu.Sec-TRA.41	Info	In the corresponding Excel table, the full threat and risk analysis, following the Security Guideline of EUG, RCA, OCORA and EULYNX (available on the EUG website) based on [IEC 62443-3-2] methodology is performed. This file is classified as AMBER (Security Cluster document classification scheme) and is only available to representatives of IMs after signing Security Cluster Code of Conduct.	--
Eu.Sec-TRA.42	Info	The ERORAT (EULYNX, OCORA, RCA Risk Analysis Tool) is available to the public in its newest, improved version. The methodology itself has not changed. The EULYNX Risk Analysis which is available to the IMs does not include these improvements.	--
Eu.Sec-TRA.43	Info	Following the function and the content of the threat and risk analysis is explained briefly. Therefore, the Tabs are explained starting with the very left one.	--
Eu.Sec-TRA.44	Info	<u>Tab "Explanation"</u> The basic preferences of the document are given.	--
Eu.Sec-TRA.45	Info	<u>Tab "SuC definition"</u> The System under consideration is defined. Each zone and conduit is described and general valid assumption used for the analysis given.	--
Eu.Sec-TRA.46	Info	<u>Tab "Calc – impact"</u> The table to define the impact as basis for the risk matrix is given.	--
Eu.Sec-TRA.47	Info	<u>Tab "Calc – Likelihood"</u> The table to define the likelihood as basis for the risk matrix is given.	--
Eu.Sec-TRA.48	Info	<u>Tab "Calc – Risk Matrix"</u> The table to extract the level of risk from low to very high, based on chosen likelihood and impact is given. This table is used as automatic reference for calculation in ever risk assessment tab. Further, two interpretations from Text to numbers are introduced to allow calculations.	--
Eu.Sec-TRA.49	Info	<u>Tab "attacker threat SuC"</u> The attackers and their resources and knowledge are introduced. This is combined with the threats. The threat basis was the threat catalogue from the federal organisation for information security Germany (BSI). The catalogue was widened based on the expert's discussion to cover every relevant threat in the railway environment. The initial SL level per threat is defined. In the crossing table the relevance of the threat for each zone and conduit is displayed. This table is automatically used in the following risk assessment charts.	--
Eu.Sec-TRA.50	Info	<u>Tab "iSL SL-T SuC"</u> The iSL from each threat are sorted to the seven foundational requirements (FR). The maximum value gives the level for the FR. The seven FR level give the SL-vector. The maximum of the vector defines the valid target SL for the zone or conduit. The value can be reduced by the reduction factor (max=1).	--
Eu.Sec-TRA.51	Info	<u>Tab "M XXX"</u> The tabs M_XXX show per zone or conduit the relevant security requirements (SR) concerning the defined target SL based on IEC 62443-3-3. The basis table for that is Tab "Measure_62443_3_fixed". In each tab the directly used measures to mitigate identified risks are marked as "used in measures for this zone".	--

ID	Type	Requirement	Valid for																																																																																																			
Eu.Sec-TRA.52	Info	<u>Tab "R_XXX"</u> The tabs "R_XXX" show the risk analysis per zone and conduit. For each threat the target risk – by default "low" – is displayed. The risk analysis is performed in three steps. 1. Initial risk assessment: Defines the risk without additional measures besides minimum assumptions like housing. 2. Risk Assessment 1: Residual risk after application from IEC 62443-3-3 measures (HLRA). 3. Risk Assessment 2: Residual risk after application from IEC 62443-3-3 measures and compensating measures (DRA). In the end the final risk is either "low" or a risk acceptance explanation is given. The maximum risk that can be accepted is "middle". Explanations at the end help to understand assumptions and evaluations. These assessments are the basis for every measure definition.	--																																																																																																			
Eu.Sec-TRA.53	Info	<u>Tab "Measures_62443_3_fixed"</u> Basic IEC 62443-3-3 measures with their validity concerning the relevant SL level.	--																																																																																																			
Eu.Sec-TRA.54	Info	<u>Tab "Consolidated Measures"</u> The tab sums up the measures from IEC 62443-3-3 and compensating measures per threat and zone and conduit. This eases the overview of the results of all risk assessments.	--																																																																																																			
Eu.Sec-TRA.55	Info	<u>Tab "Consolidated References"</u> The tab displays the used references concerning threats inside each risk assessment. The references where made, where a threat is covered with the risk treatment based on another threat already.	--																																																																																																			
Eu.Sec-TRA.56	Info	<u>Tab "Risk evaluation template"</u> Gives the empty risk evaluation template if new zones or conduits have to be added.	--																																																																																																			
Eu.Sec-TRA.57	Head	2.2 Summary of Threat and Risk analysis																																																																																																				
Eu.Sec-TRA.58	Info	As a brief overview the resulting security vector from the threat and risk analysis, based on the process definition IEC 62443-3-2 and the application based on the EULYNX Security Concept [Eu.Doc.15] are presented.	--																																																																																																			
Eu.Sec-TRA.85	Info	The security vector has been defined using the ERORAT tool and is available to IMs which are members of the EULYNX consortium. Public access is restricted.	--																																																																																																			
Eu.Sec-TRA.59	Info	<div>Security Vector definition</div> <table><tr><th>zone/ conduit - 6b</th><th>EIL</th><th>MDM</th><th>EfeS</th><th>Subsystem Communication -System</th><th>Trackside Asset (TA)</th><th>SCI-ILS adapter</th><th>TCS SCI-CC</th><th>RBC SCI- RBC</th></tr><tr><td>IAC</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr><tr><td>UC</td><td>3</td><td>3</td><td>3</td><td>3</td><td>2</td><td>3</td><td>3</td><td>3</td></tr><tr><td>SI</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr><tr><td>DC</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr><tr><td>RDF</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>1</td><td>1</td></tr><tr><td>TRE</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr><tr><td>RA</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr><tr><td>Vector - 6c</td><td>{3,3,3,3 ,2,3,3}</td><td>{3,3,3,3 ,2,3,3}</td><td>{3,3,3,3 ,2,3,3}</td><td>{3,3,3,3,2,3,3}</td><td>{3,2,3,3 ,2,3,3}</td><td>{3,3,3,3 ,2,3,3}</td><td>{3,2,3,3 ,1,3,3}</td><td>{3,2,3,3 ,1,3,3}</td></tr><tr><td>iSL - 6d</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr><tr><td>SL-T - 6</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr></table>	zone/ conduit - 6b	EIL	MDM	EfeS	Subsystem Communication -System	Trackside Asset (TA)	SCI-ILS adapter	TCS SCI-CC	RBC SCI- RBC	IAC	3	3	3	3	3	3	3	3	UC	3	3	3	3	2	3	3	3	SI	3	3	3	3	3	3	3	3	DC	3	3	3	3	3	3	3	3	RDF	2	2	2	2	2	2	1	1	TRE	3	3	3	3	3	3	3	3	RA	3	3	3	3	3	3	3	3	Vector - 6c	{3,3,3,3 ,2,3,3}	{3,3,3,3 ,2,3,3}	{3,3,3,3 ,2,3,3}	{3,3,3,3,2,3,3}	{3,2,3,3 ,2,3,3}	{3,3,3,3 ,2,3,3}	{3,2,3,3 ,1,3,3}	{3,2,3,3 ,1,3,3}	iSL - 6d	3	3	3	3	3	3	3	3	SL-T - 6	3	3	3	3	3	3	3	3	--
zone/ conduit - 6b	EIL	MDM	EfeS	Subsystem Communication -System	Trackside Asset (TA)	SCI-ILS adapter	TCS SCI-CC	RBC SCI- RBC																																																																																														
IAC	3	3	3	3	3	3	3	3																																																																																														
UC	3	3	3	3	2	3	3	3																																																																																														
SI	3	3	3	3	3	3	3	3																																																																																														
DC	3	3	3	3	3	3	3	3																																																																																														
RDF	2	2	2	2	2	2	1	1																																																																																														
TRE	3	3	3	3	3	3	3	3																																																																																														
RA	3	3	3	3	3	3	3	3																																																																																														
Vector - 6c	{3,3,3,3 ,2,3,3}	{3,3,3,3 ,2,3,3}	{3,3,3,3 ,2,3,3}	{3,3,3,3,2,3,3}	{3,2,3,3 ,2,3,3}	{3,3,3,3 ,2,3,3}	{3,2,3,3 ,1,3,3}	{3,2,3,3 ,1,3,3}																																																																																														
iSL - 6d	3	3	3	3	3	3	3	3																																																																																														
SL-T - 6	3	3	3	3	3	3	3	3																																																																																														

ID	Type	Requirement	Valid for
Eu.Sec-TRA.60	Req	The following Security Level (SL) shall be reached per zone: EIL: SL 3 MDM: SL 3 EfeS: SL 3 SCS: SL 3 SCI-ILS adapter: SL 3 SCI-CC: SL 3 SCI-RBC: SL 3	IM
Eu.Sec-TRA.61	Req	If a different SL shall be used, the IM shall update the threat and risk analysis.	IM
Eu.Sec-TRA.62	Info	The following table displays the security targets between two systems, connected via an SCI-XX, SDI-XX, SMI-XX and SSI interface. This is the consolidated result from the risk analysis done for the EULYNX architecture. The results are grouped into the main security categories: C (Confidentiality); I (Integrity); A (Availability). Protection measures shall be in place for the categories marked with "X".	--
Eu.Sec-TRA.63	Info	The security target definition supports the right choice of measures. As an example: Confidentiality is relevant, hence encryption shall be used. That is why TLS with integrity protection only is taken into consideration.	--
Eu.Sec-TRA.64	Info	The following protection requirements summarize the main findings:	--
Eu.Sec-TRA.65	Info	Protection requirements for each interface	--

ID	Type	Requirement						Valid for
Eu.Sec-TRA.65								
		Interface	Endpoint 1	Endpoint 2	C	I	A	
		SCI-LS	Subsystem – Electronic Interlocking	Subsystem – Light Signal		X	X	
		SCI-P	Subsystem – Electronic Interlocking	Subsystem – Point		X	X	
		SCI-IO	Subsystem – Electronic Interlocking	Subsystem – Generic IO		X	X	
		SCI-TDS	Subsystem – Electronic Interlocking	Subsystem – Train Detection System		X	X	
		SCI-LC	Subsystem – Electronic Interlocking	Subsystem – Level Crossing		X	X	
		SCI-ILS	Subsystem – Electronic Interlocking	Adjacent Interlocking System		X	X	
		SCI-RBC	Subsystem – Electronic Interlocking	Radio Block Centre		X	X	
		SCI-LX	Subsystem – Electronic Interlocking	External Level Crossing System		X	X	
		SCI-CC	Subsystem – Electronic Interlocking	Traffic Control System		X	X	
		SDI-XX	Connected system	Subsystem – Maintenance and Data Management	X	X	X	
		SMI-XX	Connected system	Subsystem – Maintenance and Data Management	X	X		
		SSI-XX	Connected system	Subsystem - Security Services Platform	X	X	X	
Eu.Sec-TRA.66	Req	If different protection requirements shall be used, the analysis must be adapted individually by the IM.						IM
Eu.Sec-TRA.67	Head	3 Compliance check IEC 62443-3-3						
Eu.Sec-TRA.68	Info	The compliance check was performed after the security specification (phase four). The compliance covers the request for checking whether the specification fulfills the normative requirements.						--
Eu.Sec-TRA.69	Info	The compliance check is based on IEC 62443-3-3 and covers the measures for SL 1-3 according to the relevant target SL.						--
Eu.Sec-TRA.70	Info	The compliance references to the EULYNX Security Specifications [Eu.Doc.114].						--

ID	Type	Requirement	Valid for																																																																																												
Eu.Sec-TRA.71	Info	The Measure IDs are also referenced in each specification chapter of the EULYNX Security Specifications [Eu.Doc.114].	--																																																																																												
Eu.Sec-TRA.72	Info	If the requirements from IEC 62443-3-3 is not fulfilled an explanation is given.	--																																																																																												
Eu.Sec-TRA.73	Req	If changes on the specification or threat and risk analysis are made, the IM shall adapt the compliance check.	IM																																																																																												
Eu.Sec-TRA.74	Info	Following the result of the compliance check is displayed.	--																																																																																												
Eu.Sec-TRA.75	Info	<div>Compliance IEC 62443-3-3</div> <table><tr><th>Official ID</th><th>Minimum SL</th><th>Measure ID</th><th>Reason why not addressed in Measure / Explanation</th></tr><tr><td>SR 1.1</td><td>1</td><td>M00043</td><td></td></tr><tr><td>SR 1.1 RE 1</td><td>2</td><td>M00043 M00044</td><td></td></tr><tr><td>SR 1.1 RE 2</td><td>3</td><td>M00043</td><td></td></tr><tr><td>SR 1.2,</td><td>2</td><td>M00043 M00044 M00066</td><td></td></tr><tr><td>SR 1.2 RE 1</td><td>3</td><td>M00043 M00044 M00066</td><td></td></tr><tr><td>SR 1.3</td><td>1</td><td>M00043</td><td></td></tr><tr><td>SR 1.3 RE 1</td><td>3</td><td>M00043</td><td></td></tr><tr><td>SR 1.4</td><td>1</td><td>M00043</td><td></td></tr><tr><td>SR 1.5</td><td>1</td><td>M00043</td><td></td></tr><tr><td>SR 1.5 RE 1</td><td>3</td><td>M00020</td><td></td></tr><tr><td>SR 1.6</td><td>1</td><td></td><td>Wireless access not used</td></tr><tr><td>SR 1.6. RE 1</td><td>2</td><td></td><td>Wireless access not used</td></tr><tr><td>SR 1.7</td><td>1</td><td>M00039 M00043</td><td></td></tr><tr><td>SR 1.7 RE 1</td><td>3</td><td></td><td>Outdated according to security research</td></tr><tr><td>SR 1.8,</td><td>2</td><td>M00043</td><td></td></tr><tr><td>SR 1.9</td><td>2</td><td>M00043</td><td></td></tr><tr><td>SR 1.9 RE 1</td><td>3</td><td>M00020</td><td></td></tr><tr><td>SR 1.10</td><td>1</td><td>M00043</td><td></td></tr><tr><td>SR 1.11</td><td>1</td><td>M00043</td><td></td></tr><tr><td>SR 1.12</td><td>1</td><td></td><td>Only trained personnel is using EULYNX systems. Not required.</td></tr><tr><td>SR 1.13</td><td>1</td><td>M00022 M00043</td><td></td></tr><tr><td>SR 1.13 RE 1</td><td>2</td><td></td><td>Access via untrusted networks is part of the EULYNX architecture for all networks.</td></tr></table>	Official ID	Minimum SL	Measure ID	Reason why not addressed in Measure / Explanation	SR 1.1	1	M00043		SR 1.1 RE 1	2	M00043 M00044		SR 1.1 RE 2	3	M00043		SR 1.2,	2	M00043 M00044 M00066		SR 1.2 RE 1	3	M00043 M00044 M00066		SR 1.3	1	M00043		SR 1.3 RE 1	3	M00043		SR 1.4	1	M00043		SR 1.5	1	M00043		SR 1.5 RE 1	3	M00020		SR 1.6	1		Wireless access not used	SR 1.6. RE 1	2		Wireless access not used	SR 1.7	1	M00039 M00043		SR 1.7 RE 1	3		Outdated according to security research	SR 1.8,	2	M00043		SR 1.9	2	M00043		SR 1.9 RE 1	3	M00020		SR 1.10	1	M00043		SR 1.11	1	M00043		SR 1.12	1		Only trained personnel is using EULYNX systems. Not required.	SR 1.13	1	M00022 M00043		SR 1.13 RE 1	2		Access via untrusted networks is part of the EULYNX architecture for all networks.	--
Official ID	Minimum SL	Measure ID	Reason why not addressed in Measure / Explanation																																																																																												
SR 1.1	1	M00043																																																																																													
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SR 1.8,	2	M00043																																																																																													
SR 1.9	2	M00043																																																																																													
SR 1.9 RE 1	3	M00020																																																																																													
SR 1.10	1	M00043																																																																																													
SR 1.11	1	M00043																																																																																													
SR 1.12	1		Only trained personnel is using EULYNX systems. Not required.																																																																																												
SR 1.13	1	M00022 M00043																																																																																													
SR 1.13 RE 1	2		Access via untrusted networks is part of the EULYNX architecture for all networks.																																																																																												
Eu.Sec-TRA.78	Info		--																																																																																												

ID	Type	Requirement				Valid for
Eu.Sec-TRA.78		Official ID	Minimum SL	Measure ID	Reason why not addressed in Measure / Explanation	
		SR 2.1	1	M00043 M00056 M00066		
		SR 2.1 RE 1	2	M00043 M00056 M00066	"Users" are defined on network interface level in M00043. Thus it is partly compliant.	
		SR 2.1 RE 2	2	M00043 M00056 M00066		
		SR 2.1 RE 3	3		Only manual direct access at the system shall be possible due to security considerations.	
		SR 2.2	1		Wireless access not used	
		SR 2.2 RE 1	3		Wireless access not used	
		SR 2.3	1	M00039	(Partially covered) Maintenance access not specified in EULYNX	
		SR 2.3 RE 1	3		(Partially covered) Maintenance access not specified in EULYNX	
		SR 2.4	1	(M00039)	Document transfer and access to websites or emails is not a feature in EULYNX components. (Turned off according to M0039)	
		SR 2.4 RE 1	3	(M00039)	Document transfer and access to websites or emails is not a feature in EULYNX components. (Turned off according to M0039)	
		SR 2.5	1	M00043		
		SR 2.6	2	M00043		
		SR 2.7	3	M00060		
		SR 2.8	1	M00022		
		SR 2.8 RE 1	3	M00022		
		SR 2.9	1	M00022		
		SR 2.9 RE 1	3	M00022		
		SR 2.10	3	M00006 M00022		
		SR 2.11	2	M00022		
		SR 2.11 RE 1	3	M00022 M00043		
		SR 2.12	3	M00022 M00059		
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		SR 6.1	1	M00022 M00059		
		SR 6.1 RE 1	3	M00022	EULYNX is based on a static architecture. Log access is granted to SIEM only.	
		SR 6.2	2	M00022		
		SR 7.1	1	M00060		
		SR 7.1 RE 1	2	M00040 M00060		
		SR 7.1 RE 2	3	M00060		
		SR 7.2	1	M00064		
		SR 7.3	1	M00030		
		SR 7.3 RE 1	2	M00030		
		SR 7.3 RE 2	3	M00030		
		SR 7.4	1	(M00030)	Not automatic in EULYNX system. Rollback function can be used.	
		SR 7.5	1	M00013		
		SR 7.6	1		Security Concept: Settings are distributed via the MDM	
		SR 7.6 RE 1	3	M00022	Security Concept: Settings are distributed via the MDM	
		SR 7.7	1	M00039		
		SR 7.8	2		Security Concept: Asset Management (CMBD) and MDM	