



Modular System Version 3.5.0

02.10.2025

Valid for:

- CX-Saturn

Modular System – Overview

Modular System Catena-X Certification																					
Data Provider & Consumer	Enablement Service Provider		Business Application Provider														Core Service Provider	Onboarding Service Provider	Sandbox Service Provider	Value Added Services	
	Connector as a Service 	Digital Twin Registry 	Quality	Traceability	Behavioral Twin	PCF	Circularity	Eco Pass	ESS	Logistics	MaaS	Modular Production	DCM	PURIS	OSIM	CCM	Tariffs	Core Services 	Onboarding Services 	Sandbox Services 	Value Added Services 
																					
			Connector: Every Solution must be enabled to use an EDC or have an integrated EDC																		
			Semantic: Digital Twin or Agents ¹																		
 Provider Base																					

¹ Each standard in the respective use case defines for itself which model may be used.

Detail View (1/3) – Business Application Provider

Modular System Catena-X Certification																													
Business Application Provider ²																													
Use Case	Quality		Traceability	Behavioral Twin			PCF		Circularity					Eco Pass	ESS	Logistics	MaaS		MP	DCM		PURIS					OSIM	CCM	Tariffs
Role / Capability	As OEM data provider	As Supplier data provider	Traceability Use Case	Behavioral Twin Endurance Predictor	Behavioral Twin Endurance Estimator	Behaviour Twin Health Indicator	PCF Exchange	PCF Calculation	Secondary Material Content	EoL / Dismantling Services	CE-Assistant	Secondary Marketplace ⁴	Asset Tracking	Use Case Circular Economy - Digital Product Passport	ESS Use Case	Logistics and Customs Use Case	Manufacturing Capability Exchange	Request for Quotation Exchange	Shop Floor Information Service	As a Supplier	As a Costumer	Delivery Information Exchange	Short-Term Material Demand Exchange	Planned Production Output Exchange	Item Stock Exchange	Days of Supply Exchange	Online Control and Simulation	Company Certificate Management	Tariff Information Exchange
									CX-0131																				
Base Standard	CX-0123		CX-0125	CX-0059	CX-0138	CX-0141	CX-0136	PCF-Rulebook	/	CX-0053		CX-0117	CX-0105 CX-0045	CX-0143	CX-0144	CX-0150	CX-0115	CX-0129	CX-0142	CX-0128		CX-0118	CX-0120	CX-0121	CX-0122	CX-0145	CX-0133	CX-0135	CX-0153
Additional	/	/	CX-0005 ¹	/	/	/	/	/	/	/	CX-0136 ⁶	/	/	/	/	/	/	/	/	CX-0146 ⁶					/				
Industry Core ^{5,6}	/	/	CX-0127	/	/	/	CX-0126	/	CX-0126 CX-0127			/	CX-0127 ⁷	CX-0126 CX-0127	/	CX-0126 CX-0127	/	/	/	CX-0126					/				
Connectivity ³	CX-0018, CX-0152							/	CX-0018, CX-0152																				
Semantic	Digital Twin CX-0002 or Agents CX-0084							/	Digital Twin CX-0002 or Agents CX-0084																				
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).																												

¹ If “Additional” Standards are used or offered in a Solution, the certification of these Standards is required.

² Business Application Provider has to perform an interoperability check.

³ If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.

⁴ Can only be provided in combination with certified Core Services.

⁵ Digital Twins have to contain the defined Specific Asset Ids. Additional use case specific data models have to be provided as Digital Twin submodels. If the respective data models are used, these have to be certified against the specification defined within the Industry Core standard.

⁶ When using certain features, the referenced section of the standard is required.

Detail View (2/3) – Remaining Roles

Modular System Catena-X Certification							
	Data Provider & Consumer		Enablement Service Provider		Core Service Provider ⁴	Onboarding Service Provider ²	Sandbox Service Provider
Use Case	Connector	Participant Wallet	Connector as a Service	Digital Twin Registry as a Service	Core Services	Onboarding Services	Sandbox Services ³
Role / Capability	When using a CX-certified solution, no separate certification is required CX-0018 CX-0152	CX-0149	Connector CX-0018 CX-0152	Digital Twin Registry CX-0002	CSP Wallet: CX-0049 CX-0050 CX-0149 Onboarding: CX-0006 CX-0009 Portal: CX-0001 CX-0014 CX-0015 CX-0053 Marketplace: CX-0054 BPDM: CX-0010 CX-0012 CX-0074 CX-0076	CX-0006 CX-0009	Connector: CX-0018 Onboarding: CX-0006 CX-0009 BPDM: CX-0010 CX-0012 CX-0074 Identity Wallet: CX-0049 CX-0050 CX-0149 Portal: CX-0001 CX-0014 CX-0015 CX-0053 Marketplace: CX-0054 Golden Record (optional): CX-0076
Base Standard							
Additional ¹	CX-0002 CX-0003 CX-0005 CX-0007 CX-0045 CX-0055 CX-0084 CX-0126 CX-0127		Backend Integration Pattern 1 CX-0002, CX-0003, CX-0055				
			Backend Integration Pattern 2 CX-0055, CX-0084				
			Simple Data Exchanger CX-0007				
			Data Chain CX-0005, CX-0045				
Provider Base: TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).							

¹ If “Additional” Standards are used or offered in a Solution, the certification of these Standards is required.
² Limitations Jupiter: this role currently only covers part of the registration process in the Catena-X data space. The currently available process is depicted in figure “General Onboarding Process”.
³ Catena-X Sandboxes contain all services required for the operation of a minimum valuable Catena-X data space, namely: CSP-B services (excluding the cleansing service of BPDM and GXDCH integration) and OSP services.
⁴ Core Services B lists Core Services that can only be operated once in the Catena-X data space due to business reasons or technical limitations and are therefore tendered via the nomination process of the Association.

Detail View (3/3) – Remaining Roles

Modular System Catena-X Certification						
Value Added Services ¹						
Value Added Service	Data Quality Dashboard	Bank Data Verification	Natural Person Screening	BPDM Fraud Prevention	Country Risk	Sanction Watchlist Dashboard
Standard	CX-0076 CX-0077	CX-0078	CX-0079	CX-0080	CX-0081	CX-0116
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).					

¹ Can only be provided in combination with certified Core Services.





Modular System – Business Application Provider

Quality ¹	As OEM data provider: CX-0123	As Supplier data provider: CX-0123
Connectivity ²	CX-0018, CX-0152	
Semantic	Digital Twin: CX-0002 or Agents: CX-0084	
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).	

¹ Business Application Provider has to perform an interoperability check.

² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.



Modular System – Business Application Provider

Traceability¹	CX-0125 Additional²: CX-0005
Industry Core^{4,5}	CX-0127: <i>It is tightly bound to the Industry Core, as Quality Alerts and Quality Investigation Requests should reference batches and/or serialized part instances as described in the standard CX - 0127 INDUSTRY CORE: PART INSTANCE.</i> <i>Regarding CX-0005: This standardization is built upon existing standards, such as CX-0127.</i>
Connectivity³	CX-0018, CX-0152
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Business Application Provider has to perform an interoperability check.

² If “Additional” Standards are used or offered in a Solution, the certification of these Standards is required.

³ If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.

⁴ Digital Twins have to contain the defined Specific Asset Ids. Additional use case specific data models have to be provided as Digital Twin submodels. If the respective data models are used, these have to be certified against the specification defined within the Industry Core standard.

⁵ When using certain features, the referenced section of the standard is required.



Modular System – Business Application Provider

Behavioral Twin¹	Behavioral Twin Endurance Predictor: CX-0059	Behavioral Twin Endurance Estimator: CX-0138	Health Indicator: CX-0141
Connectivity²	CX-0018, CX-0152		
Semantic	Digital Twin: CX-0002 or Agents: CX-0084		
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).		

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² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.



Modular System – Business Application Provider

PCF ¹	Exchange: CX-0136	Calculation: PCF-Rulebook
Industry Core ^{3,4}	CX-0126	
Connectivity ²	CX-0018, CX-0152	
Semantic	Digital Twin: CX-0002 or Agents: CX-0084	
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).	

¹ Business Application Provider has to perform an interoperability check.
² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.
³ Digital Twins have to contain the defined Specific Asset Ids. Additional use case specific data models have to be provided as Digital Twin submodels. If the respective data models are used, these have to be certified against the specification defined within the Industry Core standard.
⁴ When using certain features, the referenced section of the standard is required.

Modular System – Business Application Provider



Circularity ¹	Circularity Core: CX-0131			Secondary Marketplace ² : CX-0117	Asset Tracking: CX-0105 CX-0045
	Secondary Material Content:	EoL / Dismantling Services: CX-0053	CE-Assistant: CX-0053 Additional (Recommended) ⁴ : CX-0136		
Industry Core ^{4,5}	CX-0126: <i>2.0 Industry Core: Part Type with the Aspect Model "SingleLevelBomAsPlanned" (RECOMMENDED)</i> CX-0127: - 2.0 Industry Core: Part Instance with the Aspect Model "SerialPart" - 2.0 Industry Core: Part Instance with the Aspect Model "SingleLevelBoMAsBuilt"	CX-0126: <i>2.0 Industry Core: Part Type with the Aspect Model "SingleLevelBomAsPlanned" (RECOMMENDED)</i> CX-0127: - 2.0 Industry Core: Part Instance with the Aspect Model "SerialPart" - 2.0 Industry Core: Part Instance with the Aspect Model "SingleLevelBoMAsBuilt"	CX-0126: <i>2.0 Industry Core: Part Type with the Aspect Model "SingleLevelBomAsPlanned" (RECOMMENDED)</i> CX-0127: - 2.0 Industry Core: Part Instance with the Aspect Model "SerialPart" - 2.0 Industry Core: Part Instance with the Aspect Model "SingleLevelBoMAsBuilt"		
Connectivity ³	CX-0018, CX-0152				
Semantic	Digital Twin: CX-0002 or Agents: CX-0084				
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).				

¹ Business Application Provider has to perform an interoperability check.

² Can only be provided in combination with certified Core Services.

³ If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.

⁴ When using certain features, the referenced section of the standard is required.

⁵ Digital Twins have to contain the defined Specific Asset Ids. Additional use case specific data models have to be provided as Digital Twin submodels. If the respective data models are used, these have to be certified against the specification defined within the Industry Core standard.

⁶ When using certain features, the focussed section of the standard is optional.



Modular System – Business Application Provider

Eco Pass¹	CX-0143
Industry Core^{3,4}	CX-0126: <i>As described in the industry core standards CX-0126 and CX-0127, when digital twins MUST include the key digitalTwinType.</i> CX-0127: <i>As described in the industry core standards CX-0126 and CX-0127, when digital twins MUST include the key digitalTwinType.</i>
Connectivity²	CX-0018, CX-0152
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Business Application Provider has to perform an interoperability check.

² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.

³ Digital Twins have to contain the defined Specific Asset Ids. Additional use case specific data models have to be provided as Digital Twin submodels. If the respective data models are used, these have to be certified against the specification defined within the Industry Core standard.

⁴ When using certain features, the referenced section of the standard is required.



Modular System – Business Application Provider

ESS¹	CX-0144
Connectivity²	CX-0018, CX-0152
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Business Application Provider has to perform an interoperability check.

² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.



Modular System – Business Application Provider

Logistics¹	CX-0150
Industry Core^{3,4}	CX-0126 CX-0127
Connectivity²	CX-0018, CX-0152
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Business Application Provider has to perform an interoperability check.

² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.

³ Digital Twins have to contain the defined Specific Asset Ids. Additional use case specific data models have to be provided as Digital Twin submodels. If the respective data models are used, these have to be certified against the specification defined within the Industry Core standard.

⁴ When using certain features, the referenced section of the standard is required.



Modular System – Business Application Provider

MaaS¹	Manufacturing Capability Exchange: CX-0115	Request for Quotation Exchange: CX-0129
Connectivity²	CX-0018, CX-0152	
Semantic	Digital Twin: CX-0002 or Agents: CX-0084	
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).	

¹ Business Application Provider has to perform an interoperability check.
² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.



Modular System – Business Application Provider

Modular Production¹	Shop Floor Information Service: CX-0142
Connectivity²	CX-0018, CX-0152
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Business Application Provider has to perform an interoperability check.
² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.



Modular System – Business Application Provider

DCM¹	CX-0128 Additional⁵: CX-0146: <i>5.10 Supply Chain Disruption Notifications</i> <i>To enable a quick information flow outside a capacity group and the DCM process with regards to upcoming disruptions in the supply chain and potential effect beyond the one-to-one business relationship, a notifications functionality MAY be used. If a business partner decides to use this feature it MUST be used conforming to [CX-0146].</i>
Industry Core^{3,4}	CX-0126: <i>Regarding CX-0128: When registering Submodels with semanticId WeekBasedMaterialDemand, the data provider (supplier) MUST reuse the IDs mandated in [CX-0126], section 2.1.4.</i> <i>Regarding CX-0146: This standard utilizes the Catena-X Material Global Asset ID as an optional property in the DemandAndCapacityNotification aspect model, that needs to be compliant to standard [CX-0126] Industry Core: Part Type.</i>
Connectivity²	CX-0018, CX-0152
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Business Application Provider has to perform an interoperability check.

² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.

³ When using certain features, the referenced section of the standard is required.

⁴ Digital Twins have to contain the defined Specific Asset Ids. Additional use case specific data models have to be provided as Digital Twin submodels. If the respective data models are used, these have to be certified against the specification defined within the Industry Core standard.

⁵ When using certain features, the referenced section of the standard is required.

Modular System – Business Application Provider



PURIS¹	CX-0118 Additional⁴: CX-0146: <i>5.10 Supply Chain Disruption Notifications To enable a quick information flow outside a capacity group and the DCM process with regards to upcoming disruptions in the supply chain and potential effect beyond the one-to-one business relationship, a notifications functionality MAY be used. If a business partner decides to use this feature it MUST be used conforming to [CX-0146].</i>	CX-0120 Additional⁴: CX-0146: <i>5.10 Supply Chain Disruption Notifications To enable a quick information flow outside a capacity group and the DCM process with regards to upcoming disruptions in the supply chain and potential effect beyond the one-to-one business relationship, a notifications functionality MAY be used. If a business partner decides to use this feature it MUST be used conforming to [CX-0146].</i>	CX-0121 Additional⁴: CX-0146: <i>5.10 Supply Chain Disruption Notifications To enable a quick information flow outside a capacity group and the DCM process with regards to upcoming disruptions in the supply chain and potential effect beyond the one-to-one business relationship, a notifications functionality MAY be used. If a business partner decides to use this feature it MUST be used conforming to [CX-0146].</i>	CX-0122 Additional⁴: CX-0146: <i>5.10 Supply Chain Disruption Notifications To enable a quick information flow outside a capacity group and the DCM process with regards to upcoming disruptions in the supply chain and potential effect beyond the one-to-one business relationship, a notifications functionality MAY be used. If a business partner decides to use this feature it MUST be used conforming to [CX-0146].</i>	CX-0145 Additional⁴: CX-0146: <i>5.10 Supply Chain Disruption Notifications To enable a quick information flow outside a capacity group and the DCM process with regards to upcoming disruptions in the supply chain and potential effect beyond the one-to-one business relationship, a notifications functionality MAY be used. If a business partner decides to use this feature it MUST be used conforming to [CX-0146].</i>
Industry Core^{3,4}	CX-0126: The definition of identification data (Catena-X ID, Asset Administration Shell ID, specific asset ID) MUST follow the Industry Core Part Type [CX-0126].				
Connectivity²	CX-0018, CX-0152				
Semantic	Digital Twin: CX-0002 or Agents: CX-0084				
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).				

¹ Business Application Provider has to perform an interoperability check.

² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.

³ Digital Twins have to contain the defined Specific Asset Ids. Additional use case specific data models have to be provided as Digital Twin submodels. If the respective data models are used, these have to be certified against the specification defined within the Industry Core standard.

⁴ When using certain features, the referenced section of the standard is required.



Modular System – Business Application Provider

OSIM¹	CX-0133
Connectivity²	CX-0018, CX-0152
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Business Application Provider has to perform an interoperability check.

² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.



Modular System – Business Application Provider

Company Certificate Management¹	CX-0135
Connectivity²	CX-0018, CX-0152
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Business Application Provider has to perform an interoperability check.

² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.



Modular System – Business Application Provider

Tariffs¹	CX-0153
Connectivity²	CX-0018, CX-0152
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP and TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Business Application Provider has to perform an interoperability check.
² If no EDC is implemented in the solution, at least the Data Management-API is subject of the certification.



Data Provider & Consumer and Enablement Service Provider



Modular System – Data Provider and Consumer

Connector	When using a CX-Certified enablement service, no separate certification is required
	CX-0018 CX-0152
	Additional¹: CX-0002 CX-0003 CX-0005 CX-0007 CX-0045 CX-0055 CX-0084 CX-0126 CX-0127

¹ If “Additional” Standards are used or offered in a Solution, the certification of these Standards is required.



Modular System – Data Provider and Consumer

Participant Wallet	CX-0149
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).



Modular System – Enablement Service Provider

Connector as a Service	Connector as a Service CX-0018
	Additional¹: Backend Integration Pattern 1 CX-0002 CX-0003 CX-0055
	Additional¹: Backend Integration Pattern 2 CX-0055 CX-0084
	Additional¹: Simple Data Exchanger CX-0007
	Additional¹: Data Chain CX-0005 CX-0045
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

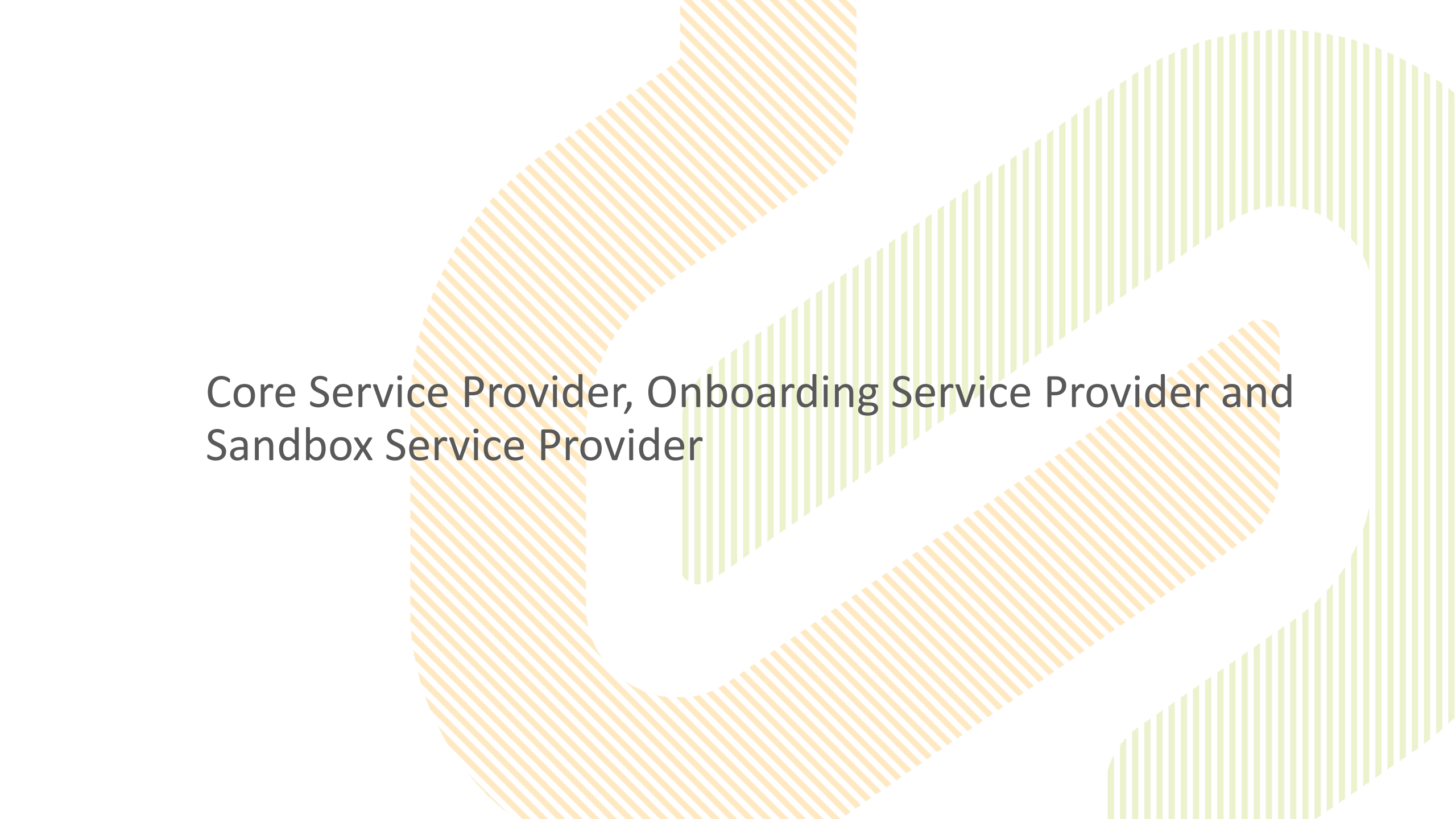
¹ If “Additional” Standards are used or offered in a Solution, the certification of these Standards is required.



Modular System – Enablement Service Provider

Digital Twin Registry as a Service	Digital Twin Registry aaS CX-0002
	Additional¹: Backend Integration Pattern 1 CX-0002 CX-0003 CX-0055
	Additional¹: Backend Integration Pattern 2 CX-0055 CX-0084
	Additional¹: Simple Data Exchanger CX-0007
	Additional¹: Data Chain CX-0005 CX-0045
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ If “Additional” Standards are used or offered in a Solution, the certification of these Standards is required.



Core Service Provider, Onboarding Service Provider and
Sandbox Service Provider



Modular System – Core Service Provider

Core Service Provider¹	Identity Wallet: CX-0049 CX-0050 CX-0149 Portal: CX-0001 CX-0006 CX-0009 CX-0014 CX-0015 CX-0053 Marketplace: CX-0054 BPDM: CX-0010 CX-0012 CX-0074 CX-0076
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Core Services B lists Core Services that can only be operated once in the Catena-X data space due to business reasons or technical limitations and are therefore tendered via the nomination process of the Association.



Modular System – Onboarding Service Provider

Onboarding Service Provider ¹	CX-0006 CX-0009
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Limitations Jupiter: this role currently only covers part of the registration process in the Catena-X data space. The currently available process is depicted in figure “General Onboarding Process”.

Modular System – Sandbox Service Provider



Sandbox Services¹	Connector: CX-0018 Onboarding: CX-0006 CX-0009 BPDM: CX-0010 CX-0012 CX-0074 Identity Wallet: CX-0049 CX-0050 CX-0149 Portal: CX-0001 CX-0006 CX-0009 CX-0014 CX-0015 CX-0053 CX-0074 Marketplace: CX-0054 Golden Record (optional): CX-0076
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).

¹ Catena-X Sandboxes contain all services required for the operation of a minimum valuable Catena-X data space, namely: CSP-B services (excluding the cleansing service of BPDM and GXDCH integration) and OSP services.



Value Added Services



Modular System – Value Added Services

Value Added Services¹	Data Quality Dashboard: CX-0076 CX-0077	Bank Data Verification: CX-0078	Natural Person Screening: CX-0079	BPDM Fraud Prevention CX-0080	Country Risk: CX-0081	Sanction Watchlist Dashboard: CX-0116
Provider Base	TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted).					

¹ Can only be provided in combination with certified Core Services.

Changelog



Changelog



- Added
 - Added the Standard CX-0152 as a Connectivity Standard to all respective Use Cases and Roles
 - Added Tariffs as a new Use Case
 - Added Company Certificate Management (CCM) to the Business Application Providers
 - Added „TISAX Level 2 is mandatory from July 2025, with grace period of 12 month, for all OSP, ESP and BAP. TISAX Level 3 is mandatory for CSP-A/B (as soon as the standard is adapted)“ to Provider Base.
 - Added Participant Wallet to Data Provider & Consumer
- Deprecated
 - CX-0013
- Removed
 - Removed footnote from Use Case PCF
 - Removed Company Certificate Management (CCM) from Value Added Services