



Modular System Release 24.08
Version 3.1.0

02.08.2024



Modular System Release 24.08 - Overview

Modular System Catena-X Certification																			
Data Provider & Consumer		Enablement Service Provider		Business Application Provider											Core Service Provider	Onboarding Service Provider	Sandbox Service Provider ²	Third Party Information Provider	Value Added Services
Connector	Connector as a Service	Digital Twin Registry	Quality	Traceability	Behavioral Twin	PCF	Circularity	Eco Pass	ESS	MaaS	Modular Production	DCM	PURIS	OSIM	Core Services	Onboarding Services	Sandbox Services	Information as a Service	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.

² As a BETA service, an Sandbox Provider and its services must not yet be certified by a CAB. Instead, operating a Catena-X Sandbox requires specific approval from the Catena-X Association and the signing of a self-assessment.

Detail View (1/3) | Business Application Provider

Modular System Catena-X Certification



Business Application Provider²

Use Case	Quality		Traceability	Behavioral Twin			PCF	Circularity			Eco Pass	ESS	MaaS		Modular Production	DCM	PURIS					OSIM
	As OEM data provider:	As Supplier data provider:		Behavioral Twin Endurance Predictor:	Behavioral Twin Endurance Estimator:	Health Indicator:		Circularity Core:	Secondary Market place ⁴ :	Asset Tracking:			Manufacturing Capability Exchange:	Shop Floor Information Service:			CX-0118	CX-0120	CX-0121	CX-0122	CX-0145	
Use Case Standard	CX-0123	CX-0123	CX-0125	CX-0059	CX-0138	CX-0141	CX-0136	Circularity Core: CX-0131	Secondary Market place ⁴ : CX-0117	Asset Tracking: CX-0105 CX-0045	CX-0143	CX-0144			CX-0128						CX-0133	
								Secondary Material Content:	EoL / Dismantling Services: CX-0053	CE-Assistant: CX-0053			Manufacturing Capability Exchange: CX-0115	CX-0129	Shop Floor Information Service: CX-0142		CX-0118	CX-0120	CX-0121	CX-0122	CX-0145	
			Additional ¹ : CX-0005							Additional ⁶ : CX-0136												Additional ⁶ : CX-0146
Industry Core ^{5,6}			CX-0127					CX-0126 CX-0127		CX-0127 ⁷	CX-0126 CX-0127											CX-0126
Connector ³	CX-0018																					
Semantic	Digital Twin CX-0002 or Agents CX-0084																					
Provider Base	CX-0008 ⁸																					

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 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.
⁷ When using certain features, the focussed section of the standard is optional.
⁸ 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).

Detail View (2/3) | Remaining Roles



Modular System Catena-X Certification						
Data Provider & Consumer	Enablement Service Provider		Core Service Provider ⁷	Onboarding Service Provider ²	Sandbox Service Provider	Third Party Information Provider ³
Connector	Connector as a Service	Digital Twin Registry as a Service	Core Services	Onboarding Services	Sandbox Services (Beta) ^{5,6}	Information as a Service
When using a CX-Certified enablement service, no separate certification is required	Connector CX-0018	Digital Twin Registry CX-0002	SSI: CX-0013 CX-0049 CX-0050 CX-0149	CX-0006 CX-0009	Connector: CX-0018 Onboarding: CX-0006 CX-0009 BPDM: CX-0010 CX-0011 CX-0012 CX-0053 CX-0074 Golden Record: CX-0076 Identity Wallet: CX-0013 CX-0049 CX-0050 CX-0149 Portal: CX-0001 CX-0006 CX-0009 CX-0014 CX-0015 CX-0053 CX-0074 Marketplace: CX-0054	CX-0139
CX-0018	Additional ¹ : Backend Integration Pattern 1 CX-0002, CX-0003, CX-0055		Portal: CX-0001 CX-0006 CX-0009 CX-0014 CX-0015 CX-0053 CX-0074			
Additional ¹ : CX-0002 CX-0003 CX-0005 CX-0007 CX-0045 CX-0055 CX-0084	Additional ¹ : Backend Integration Pattern 2 CX-0055, CX-0084		Marketplace: CX-0054			
	Additional ¹ : Simple Data Exchanger CX-0007		BPDM: CX-0010 CX-0011 CX-0012			
	Additional ¹ : Data Chain CX-0005, CX-0045					
	Provider Base: CX-0008 ⁴					



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 Only allowed in combination with a given use case and for data that is required for the use case.

⁴ 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).

⁵ As a BETA service, a Sandbox Provider and its services must not yet be certified by a CAB. Instead, operating a Catena-X Sandbox requires specific approval from the Catena-X Association and the signing of a self-assessment.

⁶ Catena-X Sandboxes contain all cxOS 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.

⁷ 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 Services³

Data Quality Dashboard	Bank Data Verification	Natural Person Screening	BPDM Fraud Prevention	Country Risk	Sanction Watchlist Dashboard	Company Certificate Management
CX-0076 CX-0077	CX-0078	CX-0079	CX-0080	CX-0081	CX-0116	(CX-0135) ¹
Additional²: CX-0139	Additional²: CX-0139	Additional²: CX-0139	Additional²: CX-0139	Additional²: CX-0139	Additional²: CX-0139	Additional²: CX-0139

Provider Base: CX-0008⁴

¹ Suspended for certification.

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

³ Can only be provided in combination with certified Core Services.

⁴ 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 – Business Applikation Provider

Quality¹	As OEM data provider: CX-0123	As Supplier data provider: CX-0123
Connector²	CX-0018	
Semantic	Digital Twin: CX-0002 or Agents: CX-0084	
Provider Base	CX-0008 ³	

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 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).



Modular System - Business Applikation Provider

Traceability ¹	CX-0125 Additional ² : CX-0005
Industry Core ^{5,6}	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>
Connector ³	CX-0018
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	CX-0008 ⁴

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 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).

⁵ If the respective data models are used, they 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.



Modular System – Business Applikation Provider

Behavioral Twin ¹	Behavioral Twin Endurance Predictor: CX-0059	Behavioral Twin Endurance Estimator: CX-0138	Health Indicator: CX-0141
Industry Core ^{4, 5}			
Connector ²	CX-0018		
Semantic	Digital Twin: CX-0002 or Agents: CX-0084		
Provider Base	CX-0008 ³		

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 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).

⁴ 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 Applikation Provider

PCF¹	CX-0136
Connector²	CX-0018
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	CX-0008 ³

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 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).

Modular System - Business Applikation Provider



Circularity ¹	Circularity Core: CX-0131			Secondary Marketplace ² :	Asset Tracking: CX-0105 CX-0045
	Secondary Material Content:	EoL / Dismantling Services:	CE-Assistant:		
Industry Core ^{4,5}	<p>CX-0126: 2.0 Industry Core: Part Type with the Aspect Model "SingleLevelBomAsPlanned" (RECOMMENDED)</p> <p>CX-0127: - 2.0 Industry Core: Part Instance with the Aspect Model "SerialPart" - 2.0 Industry Core: Part Instance with the Aspect Model "SingleLevelBoMAsBuilt"</p>	<p>CX-0126: 2.0 Industry Core: Part Type with the Aspect Model "SingleLevelBomAsPlanned" (RECOMMENDED)</p> <p>CX-0127 - 2.0 Industry Core: Part Instance with the Aspect Model "SerialPart" - 2.0 Industry Core: Part Instance with the Aspect Model "SingleLevelBoMAsBuilt"</p>	<p>CX-0126: 2.0 Industry Core: Part Type with the Aspect Model "SingleLevelBomAsPlanned" (RECOMMENDED)</p> <p>CX-0127 - 2.0 Industry Core: Part Instance with the Aspect Model "SerialPart" - 2.0 Industry Core: Part Instance with the Aspect Model "SingleLevelBoMAsBuilt"</p>		
Connector ³	CX-0018				
Semantic	Digital Twin: CX-0002 or Agents: CX-0084				
Provider Base	CX-0008 ⁷				

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 If the respective data models are used, they 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.

⁷ 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).



Modular System – Business Applikation Provider

Eco Pass¹	CX-0143
Industry Core^{4,5}	<p>CX-0126: <i>As described in the industry core standards CX-0126 and CX-0127, when digital twins MUST include the key digitalTwinType.</i></p> <p>CX-0127: <i>As described in the industry core standards CX-0126 and CX-0127, when digital twins MUST include the key digitalTwinType.</i></p>
Connector²	CX-0018
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	CX-0008 ³

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 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).

⁴ 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 Applikation Provider

ESS¹	CX-0144
Connector²	CX-0018
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	CX-0008 ³

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 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).



Modular System – Business Applikation Provider

MaaS¹	Manufacturing Capability Exchange: CX-0115	CX-0129
Connector²	CX-0018	
Semantic	Digital Twin: CX-0002 or Agents: CX-0084	
Provider Base	CX-0008 ³	

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 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).





Modular System – Business Applikation Provider

Modular Production¹	Shop Floor Information Service: CX-0142
Connector²	CX-0018
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	CX-0008 ³

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 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).



Modular System – Business Applikation Provider

DCM¹	CX-0128 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^{4,5}	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>
Connector²	CX-0018
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	CX-0008 ³

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 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).

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

⁵ 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.

Modular System – Business Applikation Provider



PURIS¹	<p>CX-0118</p> <p>Additional⁵: CX-0146:</p> <p><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></p>	<p>CX-0120</p> <p>Additional⁵: CX-0146:</p> <p><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></p>	<p>CX-0121</p> <p>Additional⁵: CX-0146:</p> <p><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></p>	<p>CX-0122</p> <p>Additional⁵: CX-0146:</p> <p><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></p>	<p>CX-0145</p> <p>Additional⁵: CX-0146:</p> <p><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></p>
Industry Core^{4,5}	<p>CX-0126:</p> <p>The definition of identification data (Catena-X ID, Asset Administration Shell ID, specific asset ID) MUST follow the Industry Core Part Type [CX-0126].</p>				
Connector²	CX-0018				
Semantic	Digital Twin: CX-0002 or Agents: CX-0084				
Provider Base	CX-0008 ³				

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 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).

⁴ 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 Applikation Provider

OSIM¹	CX-0133
Connector²	CX-0018
Semantic	Digital Twin: CX-0002 or Agents: CX-0084
Provider Base	CX-0008 ³

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 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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Data Consumer & Provider 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

Additional¹:

CX-0002

CX-0003

CX-0005

CX-0007

CX-0045

CX-0055

CX-0084

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



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	CX-0008 ²

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

² 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

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	CX-0008 ²

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

² 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).

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Core Service Provider, Onboarding Service Provider, Sandbox Service Provider and Third Party Information Provider



Modular System – Core Service Provider

Core Service Provider²

MIW

CX-0013
CX-0049
CX-0050
CX-0149

Portal

CX-0001
CX-0006
CX-0009
CX-0014
CX-0015
CX-0053
CX-0074

Marketplace

CX-0054

BPDM

CX-0010
CX-0011
CX-0012

Provider Base

CX-0008¹

¹ 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).

² 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 Provider¹	CX-0006 CX-0009
Provider Base	CX-0008 ²

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”.

² 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 – Sandbox Service Provider



Sandbox Services (Beta)^{1,2}	Connector CX-0018
	Onboarding CX-0006 CX-0009
	BPDM CX-0010 CX-0011 CX-0012 CX-0053 CX-0074
	Golden Record CX-0076
	Identity Wallet CX-0013 CX-0049 CX-0050 CX-0149
	Portal CX-0001 CX-0006 CX-0009 CX-0014 CX-0015 CX-0053 CX-0074
	Marketplace CX-0054
Provider Base	CX-0008³

¹ As a BETA service, a Sandbox Provider and its services must not yet be certified by a CAB. Instead, operating a Catena-X Sandbox requires specific approval from the Catena-X Association and the signing of a self-assessment.

² Catena-X Sandboxes contain all cxOS 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.

³ 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 – Third Party Information Provider

Information as a Service¹	CX-0139
Provider Base	CX-0008 ²

¹ Only allowed in combination with a given use case and for data that is required for the use case.

² 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).

Value Added Services





Modular System – Value Added Services

Value Added Services¹	Data Quality Dashboard: CX-0076 CX-0077 Additional²: CX-0139	Bank Data Verification: CX-0078 Additional²: CX-0139	Natural Person Screening: CX-0079 Additional²: CX-0139	BPDM Fraud Prevention CX-0080 Additional²: CX-0139	Country Risk: CX-0081 Additional²: CX-0139	Sanction Watchlist Dashboard: CX-0116 Additional²: CX-0139	Company Certificate Management : (CX-0135) ³ Additional²: CX-0139
Provider Base	CX-0008 ⁴						

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

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

³ Suspended for certification.

⁴ 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).