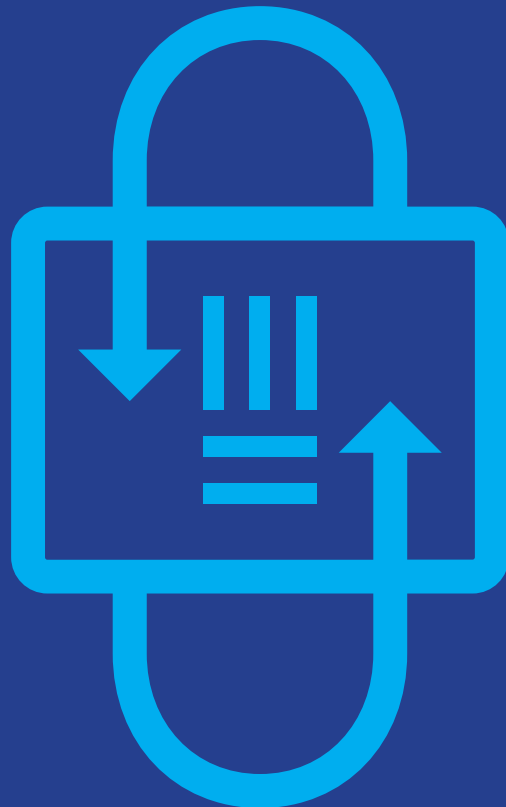




Report | No 2 | June 2026

Data Space Connector Report





Publisher

International Data Spaces Association
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We thank the maintainers of the data connectors for their contribution to this report.

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Cite as

Steinbuss S., Holesch, M., Data Space Connector Report, International Data Spaces Association, (2), 2026

<https://doi.org/10.5281/zenodo.17296513>

Online version

Regularly updated HTML version of the Data Space Connector Report:

<https://internationaldataspaces.org/idsa-data-space-connector-report/>



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Editorial

Dear Reader,

Welcome to the Data Space Connector Report.

We are excited to introduce the Data Space Connector Report, marking the beginning of a new era in data spaces. Building on the insights and achievements of the past two years from the Data Connector Report, this new publication will be your go-to resource for the latest information on Data Space Connectors that support the Dataspace Protocol (DSP). As the DSP moves towards becoming an international standard, it promises to revolutionize data sharing by ensuring interoperability and bridging diverse systems.

The Dataspace Protocol Technology Compatibility Kit (DSP TCK) is the official test suite that verifies whether a connector correctly implements the DSP, serving as a benchmark for interoperability. Our focus will be on connectors that have successfully passed the TCK testing, providing you with reliable information to make informed decisions. Published regularly by the International Data Spaces Association (IDSA), this report will be essential for anyone interested in the evolving landscape of data spaces technology.

We look forward to exploring this exciting journey with you and thank all our contributors and supporters for their continued dedication.



1 Introduction

1.1 The Data Space Connector Report

The Data Space Connector Report is a key regular publication from IDSA offering a comprehensive overview of Data Space Connectors and their role in interoperable data spaces.

In particular, the Data Space Connector Report:

- highlights the importance of Data Space Connectors, explaining what they are and why they are a key element in data spaces.
- It provides a summary of all the key requirements to make Data Space Connectors interoperable (e.g. relying on standards, having clear specifications, enabling semantic interoperability via the Data Catalog (DCAT) vocabulary and specific vocabularies, etc.) based on the DSP.
- It is the reference point for learning and fostering interoperability in data sharing ecosystems.

Please note that the Data Space Connector Report aims to focus on the above-listed topics, therefore details on IDS use cases are not in scope. For a deep dive into those topics, please refer to some complementary IDSA resources.

Regarding the topic of use cases: Please refer to the Data Spaces Radar¹. It is an interactive tool created by IDSA in the context of the Data Spaces Support Centre (DSSC)² to offer an overview and quick information on several data spaces initiatives and use cases, highlighting their different implementation stages, domains and providing several additional details. The information is constantly updated by IDSA within the Data Spaces Support Centre project.

If you are maintaining a connector and would like it to be listed in this report, please submit your information via our submission form³. For any questions, feel free to contact us⁴.

¹ <https://www.dataspaces-radar.org/radar/>

² <https://dssc.eu/>

³ <https://eu.jotform.com/form/251002169553046>

⁴ Contact person at IDSA: Shani Tiran, shani.tiran@internationaldataspaces.org



1.2 Why do we need Data Space Connectors?

Participants in a data space need Data Space Connectors to share data – because connectors enable secure and effective communication and exchange in data spaces. They are a tool to connect many data endpoints to increase the pool of available data and to accelerate the data economy. By linking Data Space Connectors, data spaces become protected environments where participants can freely share data. Data sovereignty, transparency and fairness are ensured by adherence to a set of rules. Data Space Connectors act as nodes in a data space and provide the required level of data sovereignty to the participants.

Sharing and exchanging data is not a new thing, but the requirements for it are evolving. A Data Space Connector essentially realizes two relevant aspects: It provides data exchange services that are (1) the Application Programming Interface (API) to other participants in a data space to achieve interoperability and (2) the trustworthy component to handle data by implementing policy enforcement mechanisms and a common baseline for cybersecurity.

However, as data can be different and the requirements for data sharing can be different as well, variants of connectors are needed (see the IDS RAM section 2.2⁵ and section 2.4⁶ for more information). This report provides an overview of these data connectors, their purpose, use and distinctions, but all based on the same foundational specification to provide system interoperability in data spaces, the DSP.

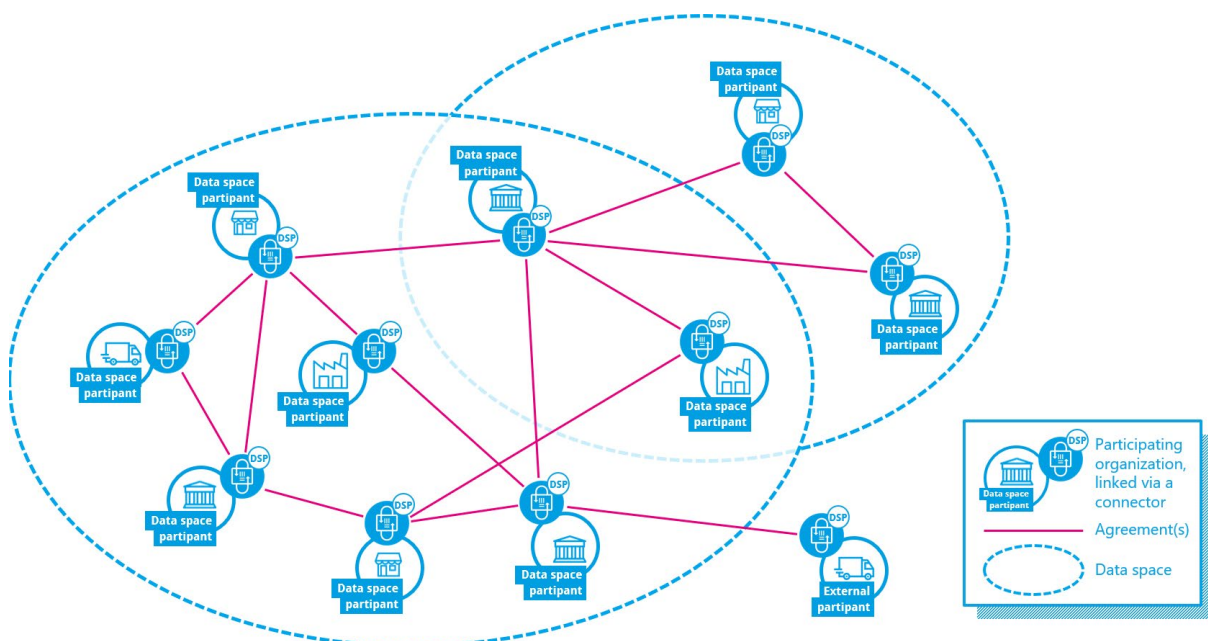


Figure 1 Data Space Connectors supporting the Dataspace Protocol enable scalability and interoperability, thus allowing true n-to-m data sharing.

Figure 1 shows how Data Space Connectors, built on the DSP, form the backbone of scalable and interoperable data exchange within and across domains. They enable connections between multiple participants and technical environments, ensuring secure, and trustworthy data sharing. While the deployment model may vary depending on the digital capabilities of the organization or other requirements, the Data Space Connector will enable interoperability and put data to use, to link it with other data and to support modern concepts

⁵ https://docs.internationaldataspaces.org/ids-ram-4/context-of-the-international-data-spaces/2_1_data-driven-business_ecosystems/2_2_data_sovereignty_as_a_key_capability

⁶ https://docs.internationaldataspaces.org/ids-ram-4/context-of-the-international-data-spaces/2_1_data-driven-business_ecosystems/2_4_data_exchange_and_data_sharing



such as (shared and distributed) digital twins, AI, or federated learning. To do so, the Data Space Connectors realize archetypical patterns for deployment models, e.g., orchestrate cloud-based service, lightweight API gateways, or IoT gateways.

While the requirements for data sovereignty, i.e., the ability to express and enforce the rights and obligations, the usage policies, are different in such scenarios, a need for basic interoperability of usage policies is fundamental for Data Space Connectors to build interoperable data spaces.

1.3 What is a Data Space Connector?

Data Space Connectors are essential for enabling trust and interoperability in data sharing and exchange within data spaces, which are designed to provide data sovereignty. Data spaces, and with that, data sovereignty will be the level playing field on a global scale. This represents a significant advantage and revolutionizes the data economy of the future – with the goal of benefiting society, businesses, and individuals.

New data spaces may have different implementations and standards, which can lead to the creation of new data silos. Therefore, a strong push for convergence is needed to enable interoperability, data continuity, and common governance models that support data sovereignty for all data spaces. The IDSA Rulebook⁷ provides an overview of the functional requirements of a data space, the fundamental structure, and introduces the mandatory and optional functionalities of a data space.

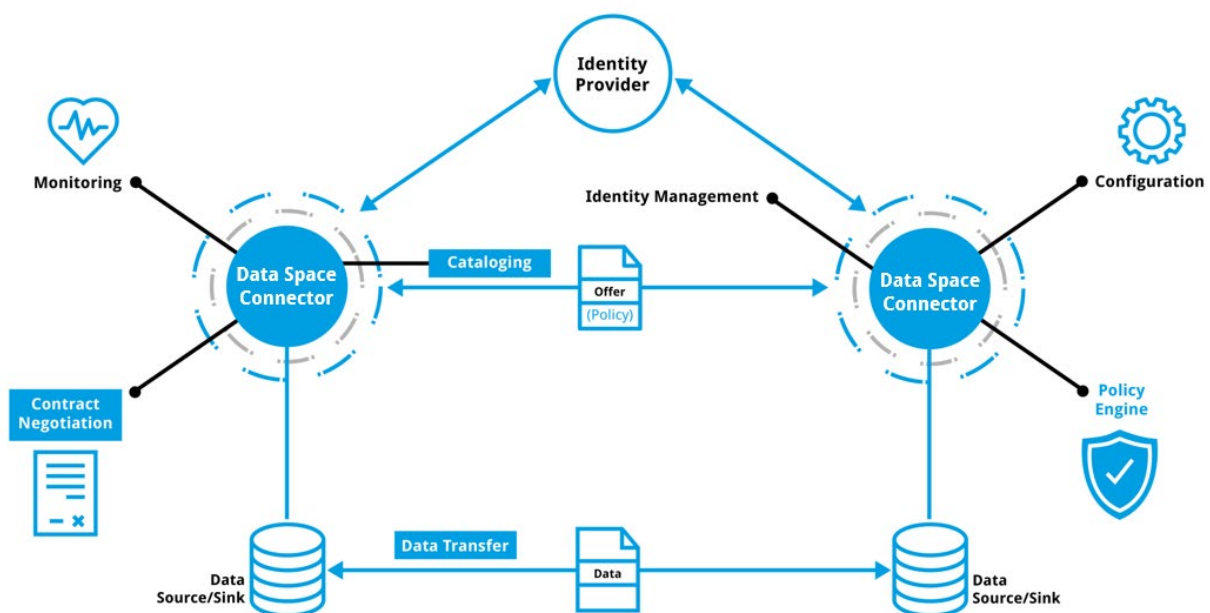


Figure 2 Data exchange services realized by a data connector as described in the IDS-RAM section 3.5.2.

IDSA's core role is developing and maintaining a reference architecture for data sharing and exchange that prioritizes data sovereignty in data-driven business ecosystems. The IDSA has created a global standard and a Reference Architecture Model (RAM)⁸ that facilitates secure and self-determined data sharing between trusted parties across various ecosystems.

⁷ <https://docs.internationaldataspaces.org/idsa-rulebook>

⁸ https://docs.internationaldataspaces.org/ids-ram-4/introduction/1_1_goals_of_the_international_data_spaces



Certified users gain access to the data ecosystem and attach usage restriction policies to their data before making it available to other users. The Data Space Connector is a central component of the IDS standard and enables data exchange services as described in the IDS-RAM section 3.5.2⁹ (see also figure 2).

The IDS Certification¹⁰ was launched in 2022 to prove compliance with the IDS requirements defined by the IDSA Working Group Certification. It offers different trust and assurance levels for both connectors and operational environments. Before its launch, a pre-certification for connectors, known as 'IDS-ready', was available to support companies in preparing for certification via a third-party assessment.

The IDS standard addresses technical, operational, and legal agreements in data spaces, which combine technical, organizational, and legal complexities. It provides guidelines for data sharing and adds features such as identity management, communication security, and usage control. The Data Space Connector builds on international standards from ISO/IEC, CEN/CENELEC, IEEE, and W3C.

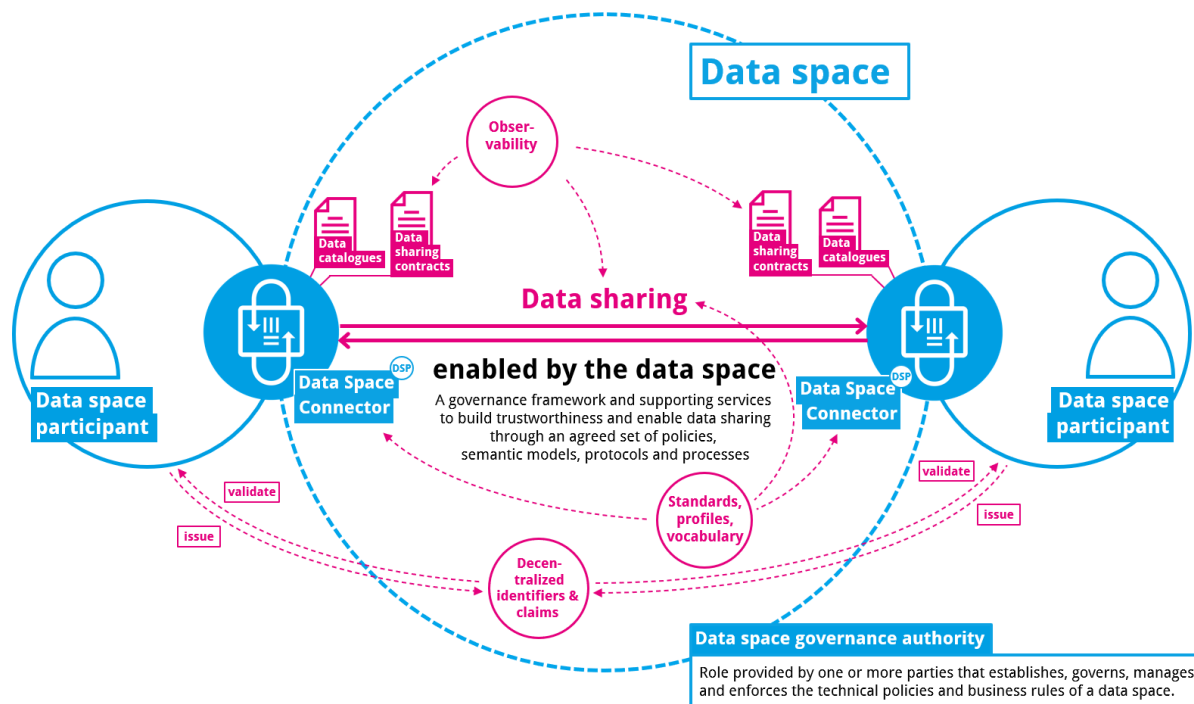


Figure 3 Fundamental concepts of a data space, their roles and interactions. At its core: the Dataspace Protocol supporting the Data Space Connectors to ensure interoperability and bridge diverse systems.

The foundation for Data Space Connectors is the DSP,¹¹ providing an interoperability specification for the control plane of Data Space Connectors. The DSP 2025-1 was published as a final release 1.0.0 in July 2025¹². This version will be included in the IDS Certification. The DSP TCK¹³ is the official test suite used to verify whether a Data Space Connector correctly implements the DSP. An implementation successfully passing the DSP TCK is interoperable with other compliant implementations. The DSP TCK thus serves as a benchmark for interoperability and a learning tool for both developers and organizations evaluating Data

⁹ <https://docs.internationaldataspaces.org/ids-ram-4/layers-of-the-reference-architecture-model/3-layers-of-the-reference-architecture-model/3.5.0-system-layer/3.5.2-ids-connector#ids-connector-functionalities>

¹⁰ <https://internationaldataspaces.org/offers/certification/>

¹¹ <https://github.com/eclipse-dataspace-protocol-base/DataspaceProtocol>

¹² <https://eclipse-dataspace-protocol-base.github.io/DataspaceProtocol/2025-1/>

¹³ <https://github.com/eclipse-dataspacetck/dsp-tck>



Space Connectors. While many Data Space Connectors exist, those tested against the DSP TCK provide an objective measure of compliance with the DSP, helping users understand interoperability expectations while acknowledging that other connectors may also be viable.

This Data Space Connector Report focuses on the implementation of the DSP and provides further distinguishing information about the Data Space Connector variants to provide guidance on identifying relevant projects supporting data space participants in connecting to others by means of a data space (for the fundamental concepts of a data space, their roles and interactions, see figure 3).

1.4 Interoperability of Data Space Connectors

Data is one of the most valuable assets in the digital economy, but its potential value can only be realized if it can move and interact with other data to produce insights that create value. For this, it must be possible for data to be shared and reused in a trusted way. Interoperability is the ability of different systems and organizations to exchange, understanding, and use of data, is essential for enabling data sharing and creating value in data ecosystems. Data spaces help to establish a common understanding of trust, and provide a mechanism to establish sharing contracts, which include access and usage policies that ensure the protection and accountability of data providers and data consumers. As data spaces become more prevalent and diverse, there is also a growing need for intra- and cross-data space interoperability.

Different data spaces may have different goals, architectures, business models, and governance structures, depending on the authority or community that drives them. To avoid fragmentation and duplication of efforts, participants in these data spaces need to communicate in an interoperable way with each other and across multiple data spaces, following common standards and principles.

Interoperability can be achieved at different levels, depending on the degree of integration and alignment of the data and systems involved. Two well-known frameworks that define interoperability levels are the ISO/IEC 19941 standard for cloud computing interoperability and portability, and the European Interoperability Framework for public services. Both frameworks identify four main levels of interoperability: technical (transport & syntactic), semantic, organizational, and legal:

- Technical interoperability refers to the physical and logical connections between systems and data sources, such as protocols, interfaces, and formats. This includes syntactic interoperability which refers to the structure and syntax of the data exchanged, such as schemas, models, and vocabularies.
- Semantic interoperability refers to the meaning and interpretation of the data, such as concepts, relationships, and ontologies.
- Organizational interoperability refers to the processes, policies, and governance of data sharing, such as roles, responsibilities, and agreements.
- Legal interoperability refers to the acceptance of legal equivalence of contracts and contractual clauses between different data ecosystems. These ecosystems can have differences in multiple dimensions, based for example on industry regulations, or national laws but also contractual statements with identical wordings might have diverging interpretations in different data ecosystems.



More information on data space interoperability is provided in the IDSA Rulebook¹⁴. This Data Space Connector Report focuses on the technical interoperability aspects realized by the DSP¹⁵.

1.5 Purpose and use of the Data Space Connector Report

This report provides a concise overview of Data Space Connectors that have been tested with the DSP TCK¹⁶. The DSP TCK is the official toolset used to verify whether a connector correctly implements the DSP. The goal is not to recommend the "best" connector, but to document each implementation's compliance with the DSP in a transparent and comparable way.

Each connector entry includes:

- General information: name, maintainer, short description, license
- Technical compliance details: DSP version, TCK version, test output, and configuration used

The report is intended as a reference. It is updated regularly to reflect new connectors, new protocol versions, and updated compliance results.

¹⁴ <https://docs.internationaldataspaces.org/idsa-rulebook>

¹⁵ <https://github.com/eclipse-dataspace-protocol-base/DataspaceProtocol>

¹⁶ <https://github.com/eclipse-dataspacetck/dsp-tck>



2 Data Space Connectors

This chapter presents the connectors tested with the DSP TCK. For each connector, the following information is provided:

- **Name** — Connector name
- **Maintainer** — Organization responsible for the connector
- **Description** — Short overview of the connector, describing Unique Selling Point and/or main field of application of the connector (e.g., cloud, IoT)
- **License** — type (open source / proprietary) and/or details where applicable
- **DSP Version** — DSP version supported
- **TCK Version** — Version of the TCK used in testing
- **Test Output** — Result of the compliance tests (full or partial)
- **Configuration Used** — Main setup parameters relevant for the test



2.1 Amadeus EDC Connector

Amadeus EDC Connector

Last Update: 10/07/2025

AMADEUS

Maintainer: Amadeus

Website: <https://amadeus.com/en>

General Description: Amadeus Dataspace Connector built on top of the EDC components (Eclipse) to support distributed data exchange ecosystems.

License Information: Apache 2.0

Technical Compliance Details

DSP Version: 2025-1

TCK Version: 1.0.0-RC4

Test Output: [View Test Output](#)

Configuration Used: [View Configuration Details](#)



2.2 DSP True Connector

DSP TRUE Connector

Last Update: 6/01/2026



Maintainer: ENG

Website: <https://www.eng.it/en>

General Description: The DSP TRUE Connector (Data Space Protocol-compliant “TRU”sted “E”ngineering Connector) is an open-source solution developed by Engineering Group, designed to make data sharing simple, secure, and trustworthy. Fully certified in 2024 by the International Data Spaces Association, now it integrates DSP protocol continuing to ensures that organizations can exchange information with full control and in compliance with regulations like GDPR.

Born in the manufacturing world, the DSP TRUE Connector has quickly shown its strength across many different sectors, from circular economy and energy to smart buildings and agri-food. It guarantees highest standards of security and interoperability, giving companies confidence that their data is always managed in a safe and transparent way.

To make everything easier to use, the DSP TRUE Connector UI provides a clean, intuitive interface. Here, organizations can describe themselves, manage their resources, define policies, and carry out contract negotiations between data product providers and consumers, all from a single place. Switching between roles is seamless, and the setup details are always at hand, making the whole experience smooth and accessible even for non-technical users.

License Information: AGPL-3.0

Technical Compliance Details

DSP Version: 2025-1

TCK Version: 1.0.0-RC5

Test Output: [View Test Output](#)

Configuration Used: [View Configuration Details](#)



2.3 EARIS Connector

EARIS Connector

Last Update: 6/23/2026

TINAMICA

Maintainer: Tinamica S.L.

Website: <https://tinamica.com/>

General Description: The EARIS Connector is the main component of EARIS (European Architecture for Reliable and Interoperable Spaces), a PaaS platform for building efficient and secure Data Spaces. It is the only component a company needs to install in its infrastructure to offer its data products and become part of Data Spaces.

License Information: AGPL-3.0

Technical Compliance Details

DSP Version: 2025-1

TCK Version: 1.0.0-RC6

Test Output: [View Test Output](#)

Configuration Used: [View Configuration Details](#)



2.4 Eclipse Dataspace Components

Eclipse Dataspace Components

Last Update: 9/24/2025



Maintainer: Eclipse Dataspace Components

Website: <https://github.com/eclipse-edc>

General Description: The Eclipse Dataspace Components (EDC) provide a framework for sovereign, inter-organizational data sharing. They implement the IDS Dataspace Protocol (DSP) as well as relevant protocols associated with GAIA-X. The EDC are designed in an extensible way in order to support alternative protocols and integrate in various ecosystems.

License Information: Apache 2.0

Technical Compliance Details

DSP Version: 2025-1

TCK Version: 1.0.0

Test Output: [View Test Output](#)

Configuration Used: [View Configuration Details](#)



2.5 Eclipse Tractus-X EDC Connector

Eclipse Tractus-X EDC Connector

Last Update: 10/7/2025



Maintainer: Eclipse Tractus-X

Website: <https://eclipse-tractusx.github.io>

General Description: The Eclipse Tractus-X Connector (EDC) is the open-source connector built for Manufacturing-X projects and Catena-X. Currently it is productively used at the Catena-X data space, because of this it supports backward compatibility between both 2025-01 and the old DSP protocol (0.8). Additionally, it has the following features:

- DCP 1.0 & Management API: Is built using the Eclipse Dataspace Components Framework, from which it inherits the Decentralized Claims Protocol (DCP) 1.0 support, the DSP 2025-1 support and the management API.
- EDR Token Refresh: Provides a token refresh feature for the Endpoint Data Reference (EDR) interface, which fosters the easy adoption of the Connector by business applications.
- Connector KIT: It contains detailed technical and business documentation at the Connector KIT (<https://eclipse-tractusx.github.io/docs-kits/next/kits/connector-kit/adoption-view/>) which enables the easy adoption of the connector.
- Helm Charts: Is deployable and configurable via Helm Charts.
- Productively used: Is currently adopted by multiple service provider companies for the productive Catena-X data space.

Image published in Docker Hub with OSS license: The Image from the connector is published under the OSS license from docker hub, making it extremely efficient when pulling the images.

License Information: Apache 2.0

Technical Compliance Details

DSP Version: 2025-1

TCK Version: 1.0.0-RC4

Test Output: [View Test Output](#)

Configuration Used: [View Configuration Details](#)



2.6 FIWARE Data Space Connector

FIWARE Data Space Connector

Last Update: 6/23/2026



Maintainer: FIWARE Community (SEAMWARE as core contributor)

Website: <https://github.com/FIWARE/data-space-connector>

General Description: General-purpose Data Space Connector integrating EDC (Eclipse Dataspace Components) and FDC (FIWARE Dataspace Components) developed by the FIWARE Community. Applicable in multiple domains and cross-domain Data Spaces.

Main characteristics supported:

- Publication, contracting and consumption of data products ranging from very simple products (single dataset) up to sophisticated products comprising collections of data access, processing and web/portal services.
- Direct consumption of data services from users (natural persons, robots, AI and other software agents) based on their identity within consumer organizations.
- Compatibility with EU Digital Identity Wallet (direct consumption of data services by natural persons)
- Full DSP support (using DCP or OID4VC for authentication)
- DOME-compatible TM Forum support for catalog and contract negotiation (combined with OID4VC for authentication)
- Implements DSP and TM Forum compatibility
- Supports CKAN API for catalog federation
- Authorization framework based on APISIX and OPA (Open Policy Agent) supporting enforcement of ODRL policies
- Compatibility with EBSI-compliant Trusted Issuers Registries
- Marketplace portal for admin of product specifications, offerings, contract management processes
- Support to monetization
- Deployable and configurable via Helm Charts in Kubernetes environments

License Information: Apache 2.0

Technical Compliance Details

DSP Version: 2025-1



TCK Version: 1.0.0-RC6

Test Output: [View Test Output](#)

Configuration Used: [View Configuration Details](#)



2.7 Tekniker Dataspace Connector

Tekniker Dataspace Connector

Last Update: 10/24/2025



Maintainer: Tekniker

Website: <https://www.tekniker.es/en>

General Description: The Tekniker Dataspace Connector is a modular and standards-compliant tool developed by Tekniker, designed to enable companies to efficiently operate within data spaces.

Built in accordance with European standards such as the Dataspace Protocol (DSP), it adopts a two-fold approach to ensure interoperability and data sovereignty, while providing flexibility and scalability.

Addressing real operational challenges, the connector offers core functionalities to:

- Publish and discover large volumes of datasets using expressive vocabularies.
- Negotiate usage policies both manually and automatically.
- Transfer diverse types of data from multiple data sources.

In this regard, the Tekniker Dataspace Connector also includes a user-friendly interface designed for non-technical users. It allows them to easily manage offered and requested datasets, requested contract negotiations, resulting policies, and ongoing data transfers without deep technical knowledge. This usability is a key aspect for promoting the adoption of data spaces fostering open, collaborative, and trusted ecosystems.

License Information: CC BY-NC-ND

Technical Compliance Details

DSP Version: 2025-1

TCK Version: 1.0.0-RC5

Test Output: [View Test Output](#)

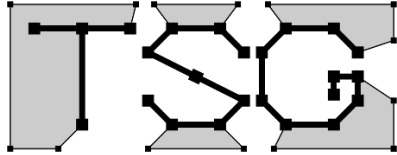
Configuration Used: [View Configuration Details](#)



2.8 TNO Security Gateway (TSG)

TNO Security Gateway (TSG)

Last Update: 9/18/2025



Maintainer: TNO

Website: <https://tsg.dataspac.es/>

General Description: The TNO Security Gateway (TSG) is an open-source implementation of a connector that enables secure and sovereign data sharing within federated data spaces. Developed in line with European standards such as the Eclipse Dataspace Protocol (DSP), it ensures interoperability across domains while allowing organizations to retain full control over their data. The TSG is built as a microservice-based architecture, offering a suite of dedicated applications that can be deployed independently or combined to create a tailored dataspace solution. Each microservice provides specific functionality, with solutions for organization wallets, control plane, and data planes. Organizations can scale, replace, or extend these microservices as needed, ensuring flexibility and adaptability to evolving requirements. This design allows participants to incrementally assemble a dataspace by deploying only the services they need, while maintaining the ability to expand with additional capabilities as collaboration matures. The separation into microservices also simplifies integration with existing IT landscapes, making it easier to adopt the TSG without large upfront changes. As an open-source project, the TSG encourages community-driven innovation and transparency, allowing stakeholders to contribute new microservices, enhance existing ones, and build a sustainable ecosystem for trusted data exchange. In short, the TNO Security Gateway is not just a single gateway — it is a scalable microservices platform that empowers organizations to create secure, interoperable, and sovereign dataspaces across sectors and domains.

License Information: Apache 2.0

Technical Compliance Details

DSP Version: 2025-1

TCK Version: 1.0.0

Test Output: [View Test Output](#)

Configuration Used: [View Configuration Details](#)



3 Conclusion

This report highlights the central role of Data Space Connectors in enabling interoperability within data spaces. By documenting their technical compliance, features, and adoption scenarios, it provides a snapshot of the current state of play and a basis for comparison across implementations.

The Connector Report is intended as a living document. New insights, feedback, and updated information are essential to keeping it relevant and comprehensive. **Readers are invited to contribute by sharing corrections, additions, or further connector details through the submission form¹⁷ or by contacting the IDSA team¹⁸.**

In this edition, the Data Space Connector Report focuses exclusively on data space connectors that have undergone testing against the DSP TCK. This ensures a consistent and comparable view of technical compliance.

Connectors partially compatible with the DSP and IDS-certified connectors are included in the appendices to provide additional context and reference. Historical connector data from previous editions is also included to maintain continuity. For a broader overview of connectors, see previous editions of the report.¹⁹

¹⁷ <https://eu.jotform.com/form/251002169553046>

¹⁸ Contact person at IDSA: Shani Tiran, shani.tiran@internationaldataspaces.org

¹⁹ <https://internationaldataspaces.org/data-connector-report/>



Appendix A: Connectors partially compatible with the Dataspace Protocol

This appendix lists connectors that have only partially passed TCK testing. It provides context for readers while keeping the main connector chapter focused on fully compliant implementations.

Prometheus-X Dataspace Connector

Prometheus-X Dataspace Connector

Last Update: 9/24/2025



Maintainer: Prometheus-X

Website: <https://prometheus-x.org/>

General Description: The Prometheus-X Dataspace Connector provides tools and protocols that enable dataspace with data intermediaries. Although it implements the Dataspace Protocol specifications, its main usage evolves around the extended protocols that enable support for multi-party contracts, consent management for personal data, interactions with Personal Data Intermediaries and workflows for sequencing of data exchange across multi participants through the usage of service chains.

License Information: MIT

Technical Compliance Details

DSP Version: 2025-1

TCK Version: 1.0.0

Test Output: [View Test Output](#)

Configuration Used: [View Configuration Details](#)



Appendix B: Certified connectors

This appendix lists connectors that have been certified under the IDS scheme.

Connector name	Date	Assurance level
Telekom DIH Connector by T-Systems	Dec 2023	Level 2 — Concept Review
VTT DSIL Connector	Feb 2024	Level 2 — Concept Review
TNO Security Gateway	Mar 2024	Level 2 — Concept Review
TRUE Connector by Engineering	Apr 2024	Level 2 — Concept Review
GATE Dataspace Connector	August 2024	Level 1 — Checklist approach
Exchange Data Space (EDS) Connector by Huawei	October 2024	Level 2 — Concept Review
Trusted Civil Aviation Data Space Connector by Feeyo Technology	September 2025	Level 2 — Concept Review
nvc-connector by Digital China	September 2025	Level 2 — Concept Review
China Mobile Communications Group Digital Mobile Trustworthy Data Space Connector	September 2025	Level 2 — Concept Review



Appendix C: Overview of connectors from previous reports

Figure 4 contains a condensed version of the connector overview from previous editions of the report. It is included for reference purposes and will not be updated in future editions.

Connectors with up-to-date information							
Section	Name of connector	Maintainer	Open source	IDS certified	Identity management	Deployment options	Service level
2.1.1	Advaneo Open-Source EDC Connector		✓		X.509	<ul style="list-style-type: none"> On-premises Cloud 	Self-service
2.1.2	Advaneo-X Connector				X.509	<ul style="list-style-type: none"> On-premises Cloud 	<ul style="list-style-type: none"> Connector-aaS Platform-aaS Self-service
2.1.3	Advaneo Trusted Connector				X.509	Cloud	<ul style="list-style-type: none"> Connector-aaS Platform-aaS
2.1.4	AI.SOV Connector					<ul style="list-style-type: none"> Edge On-premises Cloud 	Platform-aaS
2.1.5	Boot-X Connector						Connector-aaS
2.1.6	Data Space Integration				<ul style="list-style-type: none"> X.509 didweb SSI 	Cloud	Platform-aaS
2.1.7	ECI IDS Connector powered by TNO				X.509	Cloud	<ul style="list-style-type: none"> Connector-aaS Self-service
2.1.8	Eclipse Dataspace Components (EDC)		✓			Not specified	Service level is best effort of the open-source-community
2.1.9	EdgeDS Connector		✓			<ul style="list-style-type: none"> Edge On-premises Cloud IoT/CPS/OT 	Connector-aaS
2.1.10	EGI Datahub Connector		✓		X.509	<ul style="list-style-type: none"> On-premises Cloud 	Platform-aaS
2.1.11	EONA-X EDC Connector		✓		didweb	<ul style="list-style-type: none"> On-premises Cloud 	<ul style="list-style-type: none"> Connector-aaS Self-service
2.1.12	FIWARE Data Space Connector		✓		X.509	<ul style="list-style-type: none"> On-premises Cloud 	<ul style="list-style-type: none"> Connector-aaS Self-service
2.1.13	GATE Dataspace Connector		✓	✓	X.509	On-premises	Platform-aaS
2.1.14	GDSO Connector - Tyre Information Service		Partially		AWS Cognito	<ul style="list-style-type: none"> Edge On-premises Cloud IoT/CPS/OT 	Platform-aaS
2.1.15	HEALTH-X dataLOFT EDC				SSI	<ul style="list-style-type: none"> On-premises Cloud 	<ul style="list-style-type: none"> Connector-aaS Self-service
2.1.16	IIOC (Intel IONOS Orbiter Connector)		✓		SSI	<ul style="list-style-type: none"> Cloud IoT/CPS/OT 	
2.1.17	Kharon IDS Connector				Kharon	<ul style="list-style-type: none"> Edge Cloud 	<ul style="list-style-type: none"> Connector-aaS Platform-aaS
2.1.18	Mitsubishi Dataspace Connector		Partially			IoT/CPS/OT	Self-service
2.1.19	MPAD-C by Mondragon				X.509	On-premises	Self-service



Connectors with up-to-date information							
Section	Name of connector	Maintainer	Open source	IDS certified	Identity management	Deployment options	Service level
2.1.20	OneNet Connector		✓		X.509	On-premises	Connector-aaS
2.1.21	Prometheus-X Dataspace Connector		✓		did:web	<ul style="list-style-type: none"> On-premises Cloud 	<ul style="list-style-type: none"> Connector-aaS Platform-aaS
2.1.22	Silicon Economy EDC		✓			<ul style="list-style-type: none"> Edge On-premises Cloud IoT/CPS/OT 	Self-service
2.1.23	sovity CaaS (Connector-as-a-Service)				<ul style="list-style-type: none"> X.509 did:web SSI 	<ul style="list-style-type: none"> On-premises Cloud Others 	Connector-aaS
2.1.24	sovity Open-Source EDC Connector		✓		<ul style="list-style-type: none"> X.509 Mock IAM 	<ul style="list-style-type: none"> On-premises Cloud Others 	Self-Hosted
2.1.25	TANGO Connector		Partially		<ul style="list-style-type: none"> did:web SSI 	<ul style="list-style-type: none"> On-premises Cloud 	Platform-aaS
2.1.26	Tech2B SCSN Connector				did:web	Cloud	
2.1.27	Tekniker Dataspace Connector		✓		SSI	<ul style="list-style-type: none"> On-premises Cloud Edge 	Connector-aaS
2.1.28	Telekom DIH Connector			✓	<ul style="list-style-type: none"> X.509 did:web 	<ul style="list-style-type: none"> On-premises Cloud 	Connector-aaS
2.1.29	TNO Security Gateway (TSG)		✓	✓	X.509	Cloud	Self-service
2.1.30	Tritom Enterprise Connector					<ul style="list-style-type: none"> On-premises Cloud 	Platform-aaS
2.1.31	TRUE Connector		✓	✓	X.509	<ul style="list-style-type: none"> Edge On-premises Cloud IoT/CPS/OT 	<ul style="list-style-type: none"> Connector-aaS Platform-aaS Self-service
2.1.32	Trusted Connector		✓		X.509	<ul style="list-style-type: none"> Edge On-premises Cloud 	Platform-aaS
2.1.33	Trusted Supplier Connector (TSC)					<ul style="list-style-type: none"> Edge On-premises Cloud 	<ul style="list-style-type: none"> Connector-aaS Platform-aaS Self-service
2.1.34	VTT DSIL Connector			✓	X.509	<ul style="list-style-type: none"> On-premises Cloud 	<ul style="list-style-type: none"> Connector-aaS Platform-aaS

Figure 4 Overview of connectors from previous editions of the Data Connector Report.

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