



Innovate, scale, compete with industrial data spaces

Data space demonstrators and
success stories showcased at
Hannover Messe 2025

Data spaces have matured into recognized innovation and business drivers
across global industries.

Companies expand the development of data spaces beyond company and
country boundaries, while ICT leaders create solutions and infrastructures
for data spaces enabling seamless integration between international data
economies.

IDSA and its 180+ members have brought the data space standard on the
way to become an ISO norm, achieved the Dataspace Protocol milestone, and
improved interoperability and scalability.

<https://internationaldataspaces.org/hm25>



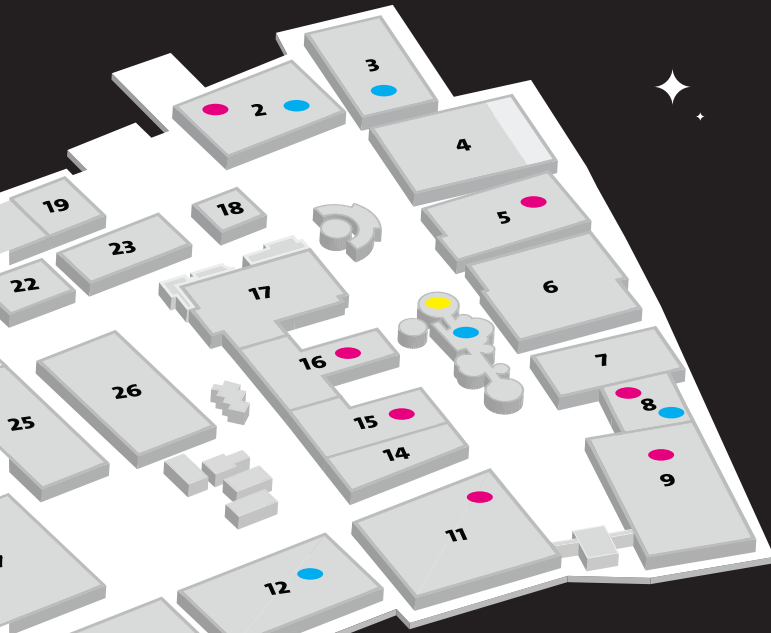
INTERNATIONAL DATA SPACES ASSOCIATION



Find organizations exhibiting data space technologies at Hannover Messe, including booth locations and presentation schedules.

FIWARE Foundation | Hall 2, A18 | Data Spaces in action: Lego demonstration with Virtual Reality

Fraunhofer IESE | Hall 2, B24 | Fraunhofer Society booth – AAS Data Space for Everybody



Fraunhofer CCIT | Hall 2, B24 | Fraunhofer Society booth – IoT communication, trusted data spaces and machine learning

Fraunhofer FIT | Hall 2, B24 | Fraunhofer Society booth – Human-centered design of digitization

Fraunhofer Institut IIS | Hall 5, D44 | Bosch Rexroth booth – Designing data spaces for interconnected systems and quickly deployable IoT prototypes

Gaia-X | Hall 8, D10

Forum Manufacturing-X | Hall 8, D16 | VDMA booth – Forum Manufacturing-X: Industrial Data Spaces Create Added Value

IM-X | Hall 8, D26 | Plattform Industrie 4.0 booth – IM-X-Showcase with IOFDS with several partner countries

Catena-X with T-Systems, RoX and Factory-X | Hall 8, D26 | Plattform Industrie 4.0 booth

base-X and Transfer-X | Hall 8, D26 | Plattform Industrie 4.0 booth – Digitalised mobility: interoperable, scalable, international

Semiconductor X | Hall 8, D26 | Plattform Industrie 4.0 booth – Intelligent data space that connects companies across the entire supply chain

CoE for Data Sharing and Cloud | Hall 8, D34 | ARENA2036-X Data Space: Demonstration and test environment for data spaces

Brainport Industries & TNO | Hall 8, D34 | Dutch Pavillion

umati | Hall 9, F25 | Demonstrator: Data space becomes reality: first implementation for SMEs

OPC Foundation | Hall 9, F30

ZVEI | Hall 11, B54 | Process X: Collaborative data spaces for optimized industrial efficiency

Scale-MX | Hall 16, F11 | Understanding and using the data economy

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Featured event: „Data Spaces for Industry Event: Innovate, Scale, Compete with Industrial Data Spaces“ on April 2, 2025, 14:30, Hannover Messe Convention Centre.

In partnership with VDMA, the German Mechanical Engineering Industry Association, we will demonstrate how data spaces revolutionize global industrial operations through practical case studies and expert insights at the Data Spaces for Industry Event.

14:30 | Networking

15:00 | **Data space users** – innovate, scale and compete with data spaces!

15:15 | **Essential for successful data spaces:** standardization and interoperability

15:20 | **Japan-Europe data spaces:** Data spaces for cross-continent data-driven collaboration

15:40 | **Industrial data spaces driven by the “two Americas”:** Successfully reducing the carbon footprint in the automotive and mechanical engineering industries

16:05 | **Industrial data space innovations from Germany:** Data spaces for the automotive industry, in industrial data spaces, and for the engineering of AI Systems

16:40 | **Active data spaces from Europe and beyond:** Data spaces for a global manufacturing process & product lifecycle, for the circular economy; for reducing operational costs and improved machine performance, for increased supply chain productivity

17:15 | Get together

Location: Hannover Messe Convention Center, Room Berlin

Date & Time: April 2, 2025, 14:30 to 17:30

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Other events on the Industrie 4.0 stage in hall 8, D17

March 31, 10:00 - 10:45 | RoX – AI-based robotics for a competitive & sustainable future

March 31, 11:15 - 11:35 | The benefits of the data space for industrial production

March 31, 11:40 - 12:20 | Process X - Digitalization which pays off: The true value of data spaces

March 31, 14:45 - 15:30 | Panel International Manufacturing-X - Create Impact with Real Use Cases

March 31, 16:25 - 17:05 | Connected Data Spaces: Pioneering Collaboration in Industry 4.0

March 31, 17:10 - 17:30 | Harnessing Cross-Border Data Sharing for Industry 4.0

April 1, 10:25 - 10:45 | Factory-X use cases to experience

April 1, 15:10 - 15:55 | Data Spaces and interoperability in Brazilian industrial environment

April 1, 16:25 - 17:05 | Knowledge management in a sustainably developing company

April 2, 14:45 - 15:05 | Key to the Data Economy: How AAS Facilitates Access to Data Spaces like Catena-X and Factory-X

April 2, 16:00 - 16:45 | Manufacturing-X in practice: Added value with data

April 2, 17:40 - 18:00 | Building trust in data ecosystems: The role of sovereign cloud

April 3, 10:00 - 10:45 | Safeguarding Interests in Data Spaces: A Multi-Stakeholder Perspective

April 3, 10:50 - 11:10 | Are companies ready for manufacturing data spaces?

April 3, 16:45 - 17:00 | A Scalable Architecture for Gaia-X Dataspace in the Semiconductor Industry

April 4, 11:40 - 12:00 | Federated identity and trust anchors – Enabling secure and interoperable data transactions

April 4, 12:55 - 13:15 | How seamless industrial data exchange is driving manufacturing innovation

Convention Center

March 31, 11:00 - 18:00 | Catena-X BMW Side event on the Readiness Booster Programm [Room Heidelberg]

April 1, 12:00-12:40 / 14:00-14:40 / 16:00-16:40 | Fujitsu x Fraunhofer ISST – Assuring Data Trustworthines [Room 218]

▶▶▶ April 2, 14:30 - 17:30 | VDMA & IDSA – Data spaces for industry event: Innovate, scale, compete with industrial data spaces [Room Berlin]



Gaia-X booth | Hall 8, D26

April 1, 13:00 - 14:00 | Enabling global data exchange – Connecting continents for seamless supply chains

April 1, 14:00 - 16:00 | IM-X booth tour

April 2, 13:00 - 13:30 | The future of tires – Unlocking sustainability through data collaboration

April 3, 10:00 - 11:00 | First Manufacturing-X demonstrator – Connecting machines globally for trusted & sustainable supply chains

Trade & Invest Stage | Hall 12, B68

April 1, 16:00 - 16:40 | Japan-Germany Economic Forum: Shaping the Future of Manufacturing Together: International Manufacturing-X

Sustainability Supply Forum Stage | Hall 3, C71

April 4, 10:25 - 10:45 | Catena-X – How to connect, collaborate and create value

Tech Transfer Stage | Hall 2, B02

April 4, 12:10 - 12:30 | Harnessing Cross-Border Data Sharing

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