JOIN THE WORKING GROUP USE CASES & REQUIREMENTS REFERENCE ARCHITECTURE model for trusted data sharing CERTIFICATION governance for all players in the Industrial Data Space

ARCHITECTURE
- Support to help design the reference architecture
- Contribution of company-specific know-how

EXCHANGE OF INFORMATION
- Transfering the content of the research project
- Corrsmes events/Networking events
- Organisation of marketing activities/ fairs

STANDARDISATION/CERTIFICATION
- Defining and implementing standards
- Designing certification measures
- Designing the Industrial Data Space certification measures

INTERNATIONAL STANDARD for data interoperability BUSINESS ECOSYSTEM for products, services and business models

MAKE YOUR OWN USE CASE
Each member of the association realizes a business driven use case
- The use cases demonstrate the innovations based on Industrial Data Space
- Potential core of an ecosystem by integrating further partners (also from different domains)

THE 4 KEY OBJECTIVES of Industrial Data Space Association

1 USE CASES
- Piloting, applying and testing Industrial Data Space
- Implementing requirements in the development of the architecture
- Development of Smart Services

2 BUSINESS DEVELOPMENT
- Development of business models in the Industrial Data Space
- Innovation camp
- Development of common user models

3 WORKING GROUPS
- Participation in working groups
- Regular exchange with all member companies
- Dealing jointly with problems concerning data exchange

4 ARCHITECTURE
- Support to help design the reference architecture
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HOW YOU CAN GET INVOLVED
Stage 1 ONBOARDING
Stage 2 IDENTIFY USE CASE
Stage 3 SET UP USE CASE
Stage 4 IMPLEMENT USE CASE
Stage 5 VALIDATE USE CASE
Stage 6 ROLL-OUT USE CASE

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INDUSTRIAL DATA SPACE A NEW IDEA OF SHARING DATA
### INDUSTRIAL DATA SPACE e. V.

**ABOUT US**

**INFRASTRUCTURE FOR SECURE DATA EXCHANGE**

Who is allowed to use which data? For what purpose? For which period? Under which conditions?

Industrial Data Space wants to answer these questions with clear, legally compliant guidelines, internationally recognized standards and secure technology.

Our aim is to set up the infrastructure for the shared use of data. This includes the development and implementation of industrial data space, security and data transfer for companies.

Our members work together to develop the demands of the respective industry concerning Industrial Data Space on the base of their everyday experiences. This is the only way virtual and secure data space can evolve, which is accepted and used by businesses and industry.

At the moment, Industrial Data Space is being put into practice and rolling out use cases will be supported by elected partners.

Over 70 member companies and organisations:

- Boehringer Ingelheim
- thyssenkrupp
- Salzgitter
- Schaeffler
- Sick and Research. The focus here is on developing the Reference Architecture of the Industrial Data Space, to enable it to take shape.

This is supported by the continuous work members carry out in the working groups on use cases, certification and utilization or on the architecture of the Industrial Data Space, to enable it to take shape.

The Industrial Data Space Association works closely together with the members of the same name of the Fraunhofer Gesellschaft, which is funded by the Federal Ministry for Education and Research. The focus here is on developing the Reference Architecture, the technical implementation of Industrial Data Space as well as piloting selected use cases.

As the moment, Industrial Data Space is being put into practice and used by the companies which includes "Head Office".

**EXECUTIVE BOARD**

- Prof. Dr. Boris Otto (Chairman)
- Dr. Steffen Lohmann (Deputy Chairman)
- Dr. Reinhold Achatz (Chairman)
- Andreas Teuscher (SICK AG)
- Gerrit Stöhr (Salzgitter AG)
- Dr. Sven Wenzel (Fraunhofer ISST)

**CEREMONIALIZATION & MARKETING**

- Internal Communication
- External Communication
- Internal communication through working groups and the collaborative Think Tank (DAY 2019, international events, on-site presentations)
- External communication with media (articles, interviews or articles)

**WIRING GROUPS & TASK FORCES**

- TF Exploitation & Business Modeling
  - Deriving assets and roles for business processes
  - Shaping the data economy
- TF Standardisation
  - Configuring product backlog
  - Developing reference architecture & software components
  - Supporting certification and implementation of the architecture
- TF Use Cases & Requirements
  - Developing requirements and use cases
  - Deriving assets and roles for use cases
- TF Certification
  - Developing requirements and use cases
  - Configuring product backlog
  - Supporting certification and implementation of the architecture

**GLOBAL HUBS**

- Head Office

**LOCAL OFFICES**

- Aachen
- Berlin
- Dresden
- Köln
- Munich
- Stuttgart

**LOCAL OFFICE CONTACTS**

- Head Office: +49 231 9743 600
- info@industrialdataspace.org

**THE FUTURE OF INDUSTRIAL DATA SPACE**

- Global standard: Internationalwidigkeit
- Implementing requirements: Nationalstandard
- Architecture: Globalstandard
- Development: Digital
- Use cases and requirements: Internationalization

**SECRETARY**

- Nadja Menz

**ACCOUNTING**

- Dr. Sven Wenzel (Fraunhofer ISST)

**MARKETING & COMMUNICATION**

- Head Office: +49 231 9743 600
- info@industrialdataspace.org

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**WHITE PAPER**

- Industrialdataspace.org