



INDUSTRIAL DATA SPACE

A NEW IDEA OF SHARING DATA

WE HAVE A NEW IDEA FOR SHARING DATA



Data Ownership
Data Security
Data Value

Interoperability
Data Exchange
»Sharing Economy«
Data Centric
Services



INDUSTRIAL DATA
SPACE ASSOCIATION



DIGITAL SOVEREIGNTY

is the ability of a natural or legal person to exclusively and sovereignly decide concerning the usage of data as an economic asset.

THE INDUSTRIAL DATA SPACE

AS CONNECTION BETWEEN PLATFORMS AND THINGS

It's all about sharing data!

OPEN CONTEXT DATA



Traffic



Weather

INDUSTRIAL DATA
SPACE ASSOCIATION



FIELD VIEW (FACTORY)



Actors



Sensors



Machines

VALUE CHAIN



Production



Consumer

PLANNING, EXECUTION, CONTROL (MULTI-SIDED PLATFORMS)



IoT Clouds



Domain specific platforms



Marketplaces



Broker

INDUSTRIAL DATA SPACE – THIS IS OUR MISSION:

1 SECURE DATA EXCHANGE

INDUSTRIAL DATA SPACE stands for secure data exchange between companies in which the data provider is always the owner of that data and still keeps control over the use of their data.

4 BUSINESS MODELS

It forms the basis for a variety of certifiable software solutions, smart services and business models, the development of which is encouraged by the association.

2 INTERNATIONAL STANDARDS

The INDUSTRIAL DATA SPACE ASSOCIATION defines the basic conditions and governance for a reference architecture and interfaces with the objective of setting up an international standard.

3 USE CASES

This standard is actively developed and updated on the basis of use cases.

MISSION
STATEMENT

70+
Companies and
Organisations

5
Working Groups

18
Use Cases

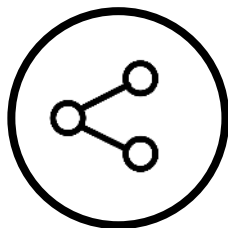
1
Ecosystem

=



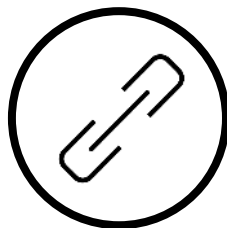


MILESTONES REACHED AND NEXT STEPS



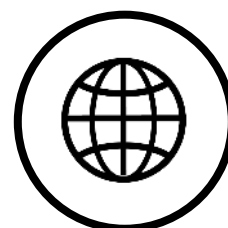
ARCHITECTURE

First release of the reference architecture model in February as base for standardisation



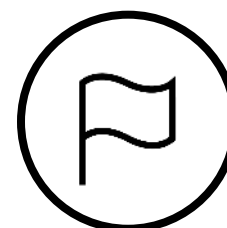
STANDARD

Foundation of a workinggroup at DIN to create a DIN specification for the IDS connector



INTERNATIONAL

Members all over the world, major european RTOs, intense engagement in european research activities



HANNOVERMESSE

Breakthrough on Hannovermesse with multiple use cases

10

USE CASES AND
DEMONSTRATORS

- › RELEASE REFERENCE ARCHITECTURE
- › RELEASE PWC STUDY ON DATA EXCHANGE

FORUMS

5

MEET US!

24.-28.04.

21

BOOTHS

INDUSTRIAL DATA
SPACE ASSOCIATION



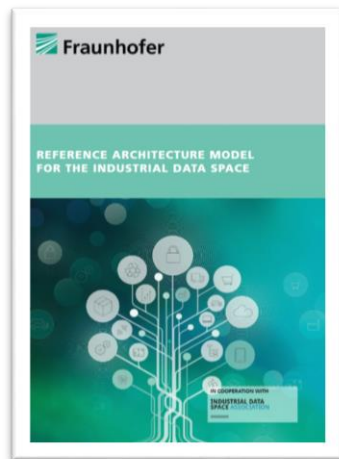
GAIN DEEPER INSIGHTS

- 24.04. Industrial Automation Forum
- 25.04. Bitkom Innovation Forum
- 26.04. Industrie 4.0 meets the Industrial Internet Forum
- 28.04. tech transfer Forum

25.04. | 11:00 h **Press Conference: Salzgitter Booth** | Hall 6 Booth F04

PUBLICATIONS

LATEST DOCUMENTS – RELEASE
ON HANNOVERMESSE



*Reference Architecture
Model on Industrial
Data Space*



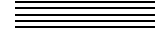
*Study with PwC on
Data Exchange*



*Strategy Paper
Certification*



Use Case Overview



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