



HMI 2025
Tuesday 1 April 2025



Sounding Board Session

Unlocking the Value of Shared Data Assets: Assuring Data Trustworthiness for Inter-organisational Data Sharing

The Problem: Unlocking the Value of Third-party Data Assets

Recent developments in AI technology have created an unprecedented demand for high-quality data. Building game-changing AI models often requires third-party data and put a new **spotlight on inter-organisational and cross-border data sharing**.

Data spaces are a rapidly developing ecosystem to enable an efficient and secure data exchange. Data spaces are designed to ensure data sovereignty, but they fail to address crucial data consumer trust barriers: **bad data can lead to operational errors with significant impacts on safety, security and profit**. This means that third-party data often cannot be used in critical operations – and data sharing significantly falls short of its potential value in machine learning.

The Solution: Assuring Data Trustworthiness for Third-party Data Assets

At Hannover Messe 2025 we will introduce our groundbreaking **Levels of Assurance for Data Trustworthiness (Data LoA)** framework. Data LoA provides an intuitive, transparent grading system that **allows data consumers to reliably and efficiently assess third-party data assets** and unlock their operational value.

Data LoA removes the risks of non-trustworthy data. This creates a number of new opportunities for leveraging shared data assets, including the **application of Federated Learning in the context of Data Spaces**. Combining the privacy-preserving principles of Federated Learning and trustworthy data assets could drive significant enhancements in the operational capabilities of privacy and security-critical AI applications.

The Sounding Board Session: What's in it for you?

We are actively seeking input from industry experts: your insights are invaluable in helping us understand the challenges you face, and how our solutions can address them. In brief sessions of about 30-40 minutes we will present novel concepts concerning cross-border data sharing and machine learning in Data Spaces, and answer any questions you may have.

But more importantly, we want to hear your opinions and feedback. **Your input will play a crucial role in shaping groundbreaking technologies**. This is your chance to ensure that future solutions align with your specific needs and uses cases – so RSVP by email now to secure a slot in our Hannover Messe sounding board session on 1 April 2025, 14:00-14:40 CEST. Alternative times and German language sessions are available based on demand, so please RSVP with your preferred language.

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Time and Location

Tuesday 1 April 2025
14:00-14:40 CEST

Raum 218

Arkaden im Convention Center