

Value Creation Networks for Manufacturing – The IMXC Showcase

Improve Resilience, Productivity and Innovation in Manufacturing

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Manufacturing processes are realized by a heterogenous, highly distributed set of stakeholders across geographies and systems across edge and cloud environments. To address the full product and process lifecycle of the goods delivered it requires a connection of data across the whole process chain. This data is valuable – related to company IP and knowledge that has been generated over many years and sovereign and trusted access to the data is the foundation to allow AI-powered optimization of intelligent supply- and production workflows. Data quality is the basis for it to work in critical environments – for model training as well as for inference. The IMXC Showcase demonstrates how stakeholders across geographies and environments connect – integrating vertical and horizontal data value chains. It illustrates, how the industry is effectively making data work with trust across international partners – where it is needed (from the edge to the cloud), when it is needed (across the full process and product lifecycle), with the stakeholders that are needed (across the global supply chain) and from their own systems and platforms.

About the International Manufacturing-X Council (IMXC)

The **IMXC** brings together representatives from 15 countries providing the forum for exchange and alignment. IMXC is bringing together national initiatives represented by leading edge manufacturers. It is fostering pre-competitive collaboration in full accordance with anti-trust regulations, benefitting the entire international manufacturing sector. Focusing on a federated value network, the IMXC tackles global manufacturing challenges aligning industrial standards to create trustworthy integration of processes. The success of IMXC is based on the active participation of leaders and decision-makers from the public, private, industrial and academic sectors. This global cooperation drives the realization of the data-powered AI-driven digital age.

Statement of Thomas Hahn, Spokesperson of the IMXC Council

“Interoperability and trusted data exchange are the key enablers for the future of global manufacturing,” says Thomas Hahn. “With the IMXC Showcase at the Hannover Messe 2026, we demonstrate how partners from government, industry, research, associations collaborate on federated and secure industrial value networks. We are setting an important milestone on the path to a connected, resilient, and competitive industry, inviting companies worldwide to join this initiative and actively shape the future of our ecosystem.”

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Acknowledgment and Partners

The IMXC Showcase is realized by strong international partners. Our special thanks go to:

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