International Manufacturing-X Council

Making Data Work at Scale

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IMX topics

Harmonization of various approaches

JAPAN

Open Data Spaces (ODS)

Connect data across organizations, industries and borders.

- Keep the approach open and flexible
- Help data be found and understood
- Support different technical choices

GERMANY

MX-Port

Make data exchange practical in manufacturing networks.

- Connect manufacturing partners
- Support discovery of companies and data providers
- Address trust and access in sharing

UNITED STATES

CESMII

Help manufacturing systems and applications work together.

- SM Profiles: describe data in a shared way
- SMIP: organize connected manufacturing information
- i3X: provide a common interface for applications

These are different emphases — not exclusive boundaries or a ranking.

IMX topics

Harmonization of various approaches

Start with dialogue and mapping; keep future cooperation options open.

1

COMPARE

Clarify common goals and different emphases

→

2

MAP

Clarify where each approach fits and how they relate

→

3

IDENTIFY

Highlight potential common ground and differences

→

4

SET PRIORITIES

Select topics for further dialogue and possible future cooperation

A shared direction — without requiring one platform or committing to joint implementation.

Build understanding through openness, dialogue and practical alignment.

Thank you!