

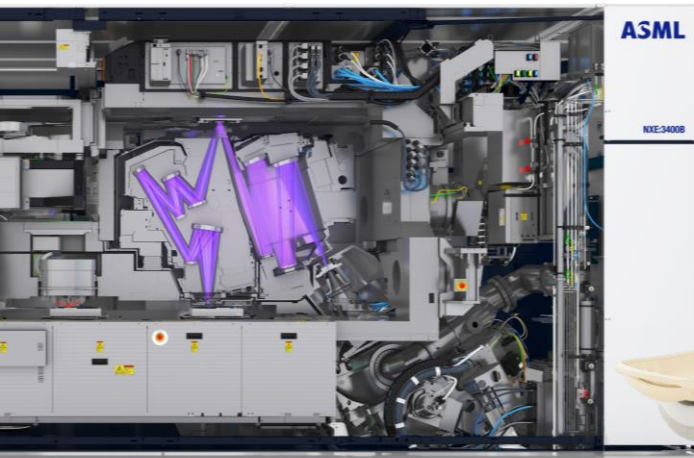
SC SN

smart
connected
supplier
network

Data Spaces Symposium
March 13, 2024



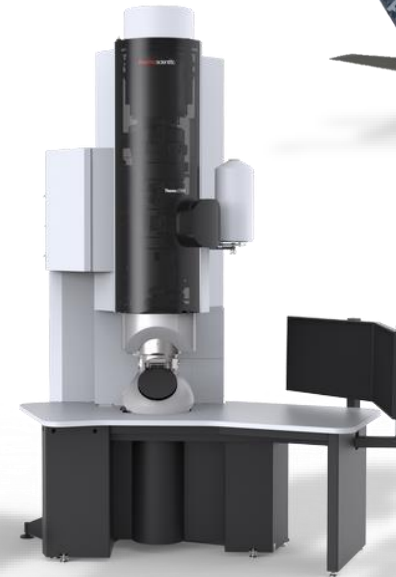
High-mix, high-complexity, low-volume



Semiconductor
equipment



Healthcare

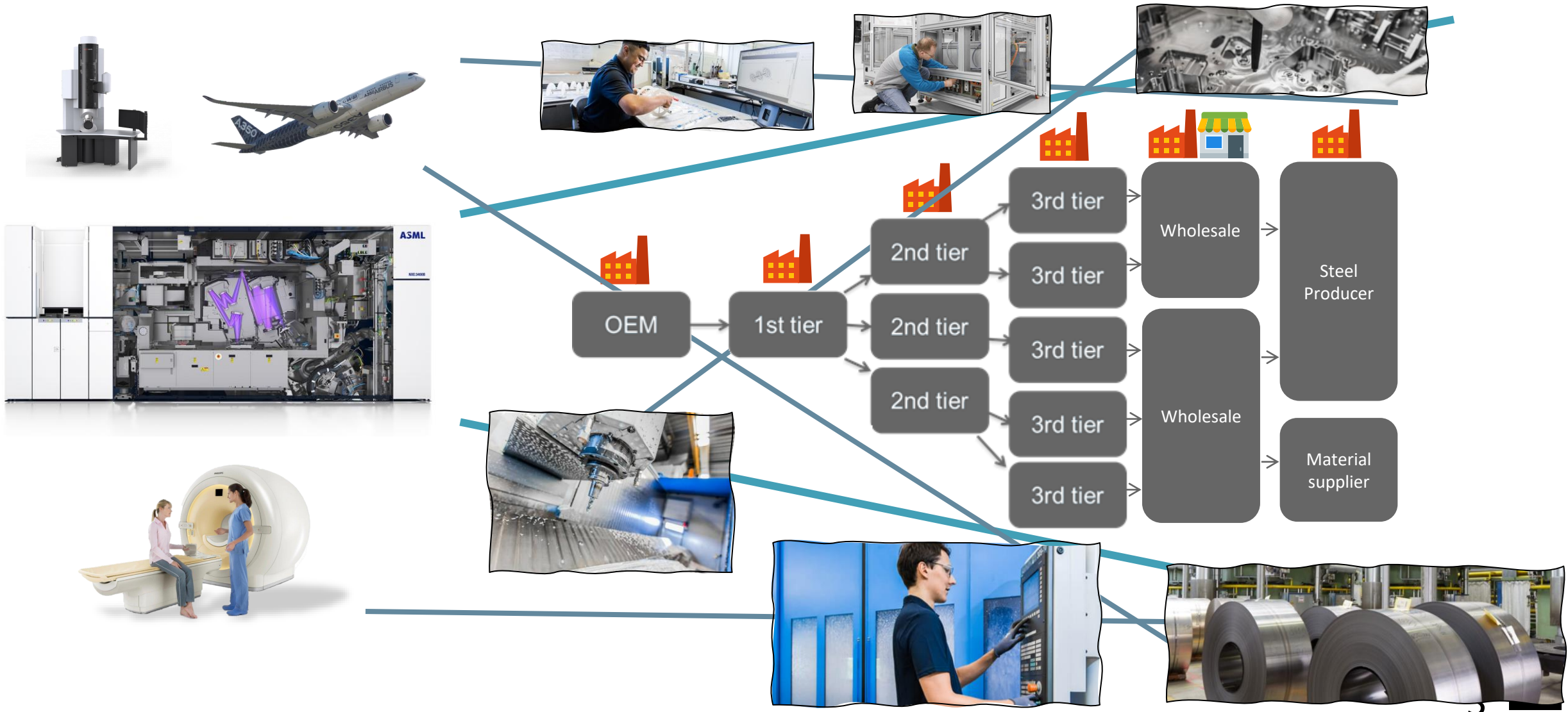


Scientific
instrumentation



.... many other areas

High-complexity, high-mix, low-volume requires a **smart & connected network** of suppliers and OEMs



Smart Connected Supplier Network today

Operational data space



Service Providers

- Provide data space connectivity
- Onboarding of new manufacturing companies
- Integration with existing software



Manufacturing company

- Connects with customers and suppliers
- Uses its existing PLM/ERP-software



SCSN Foundation

- Participants registry
- Vocabulary Hub

Company	SCSN ID	SCSN API Version	Service Provider
SCSN Broker Extension			Nederlandse Organisatie voor Milieugezondheid en Natuurwetenschappen (MNP)
Vink Kursschiffen B.V.			Gedonee
SEM WURKORDE			Gedonee
van Hooft			Gedonee
Dijsen			Gedonee
Teknische Dienst B.V.			Gedonee
Sloot Nederland B.V.			Gedonee
Heering Kunststof Producten B.V.			Gedonee
Boon en Brouwerij			Gedonee
Stake			Gedonee
Dijk en de Boer			Gedonee
Blauw			Gedonee

BillOfMaterials

v1.0

Tree view - Validate

TPD Package

Message to convey with TPD (technical product design) package. This message is a...

v1.0

Tree view

Measurement

Contains a measurement message that refers to a despatched shipment.

v1.1

Tree view - Validate

Price catalogue

v1.0 - 2023-10-11

Tree view

Product specification

v1.0 - 2023-10-11

Tree view - Validate

Price catalogue request

v1.0 - 2023-10-11

Tree view

Request for Quotation

Quotation

Order message

This part of the standard contains all concepts used in the process

Where are we coming from?

Smart Connected Supplier Network today

- 400+ manufacturing companies in an operational data space
- 10+ service providers for providing data space connectivity
- 1 independent foundation to manage the interoperability agreements
- **“Connect once, communicate with everyone in the supply network”**
- **“Data sovereignty: you control the sharing of your data”**
- Focus on the purchase → pay process: orders, specs, logistics, invoicing

NXTGEN Smart Connected Supplier Network

Extending our data sharing capabilities

✓ Capabilities in the supply network

✓ Available stocks & capacities

✓ Supply chain progress monitoring

✓ Supplier Managed Inventory

✓ Ramp-up and ramp-down

✓ Emissions reporting towards customers & suppliers

✓ Links to material certificates

✓ First step towards a full digital product passport

Supply Chain Resiliency

Product Carbon Footprint

SC SN

smart
connected
supplier
network

Data Spaces Symposium
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