



AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

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Twin builder

AI-Powered Data Harmonization at Your Fingertips

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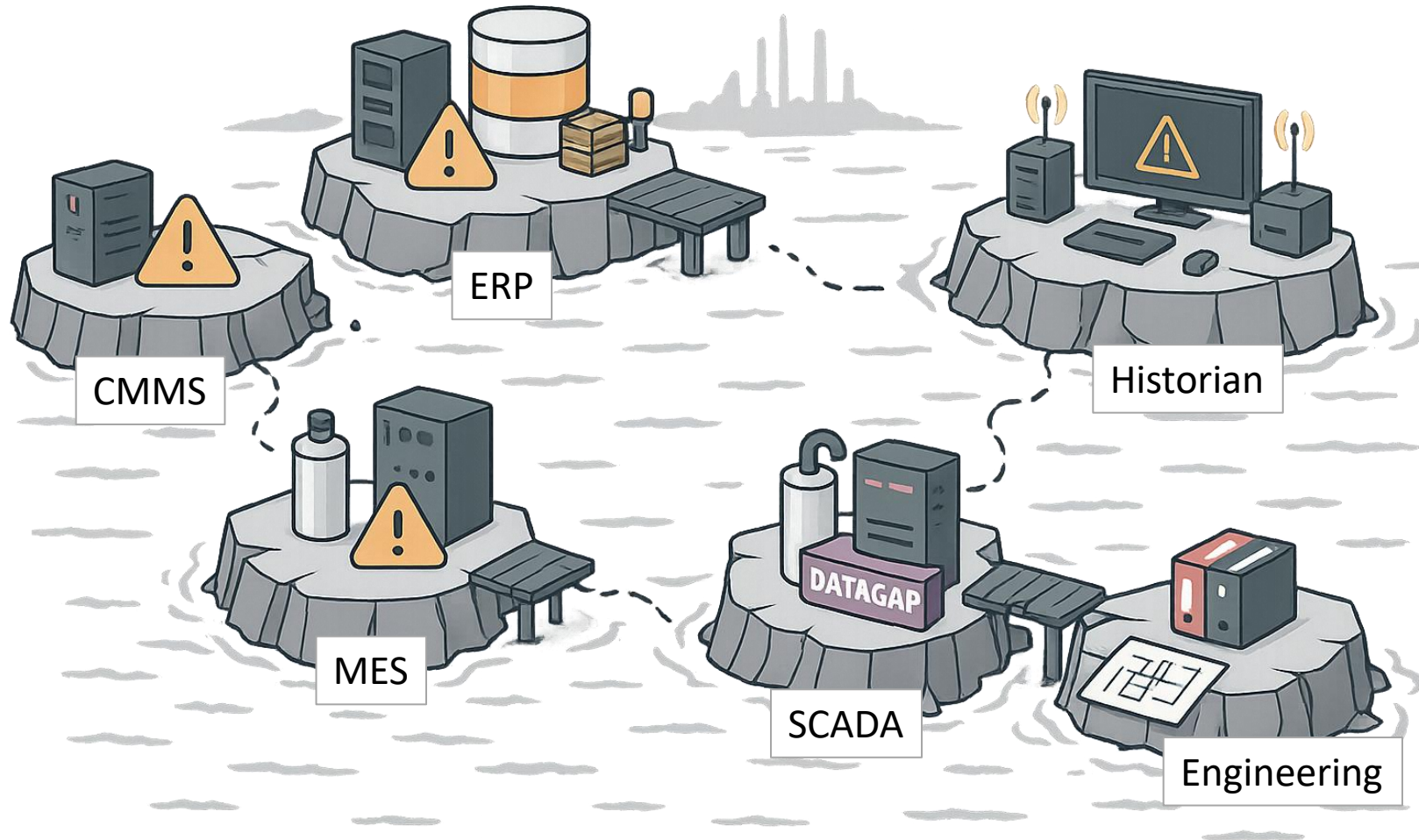


Physical Asset

Digital Twin

The Challenge

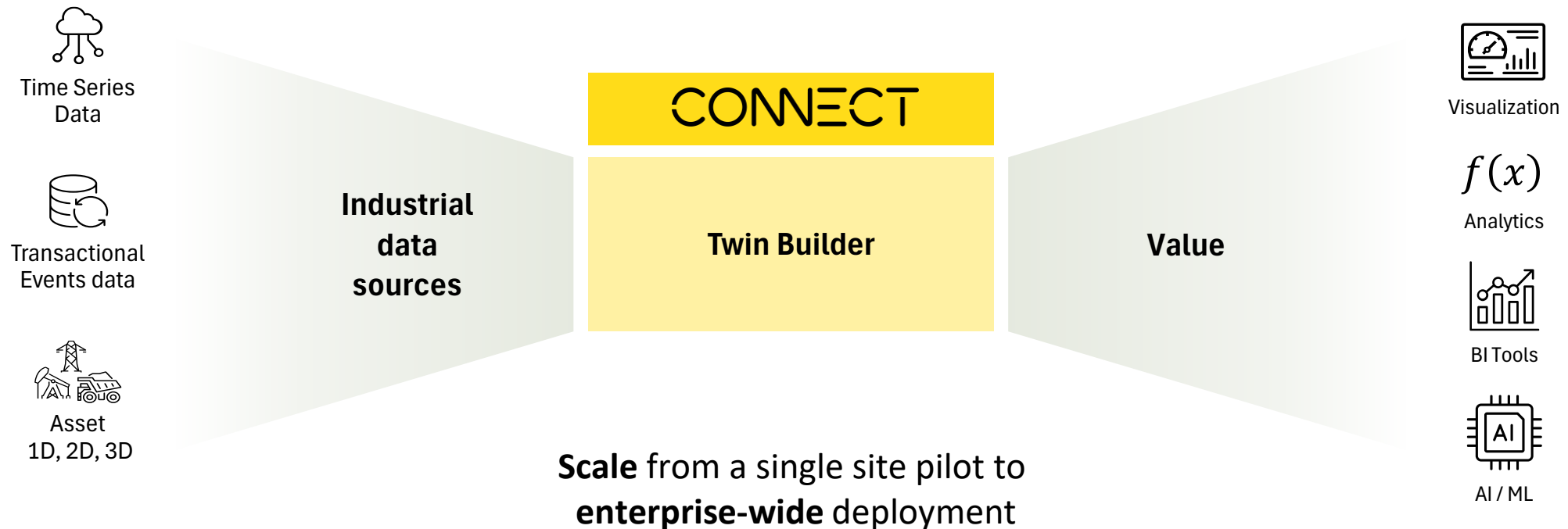
Fragmented Industrial Data Landscape: Isolation, Inefficiency and Risk



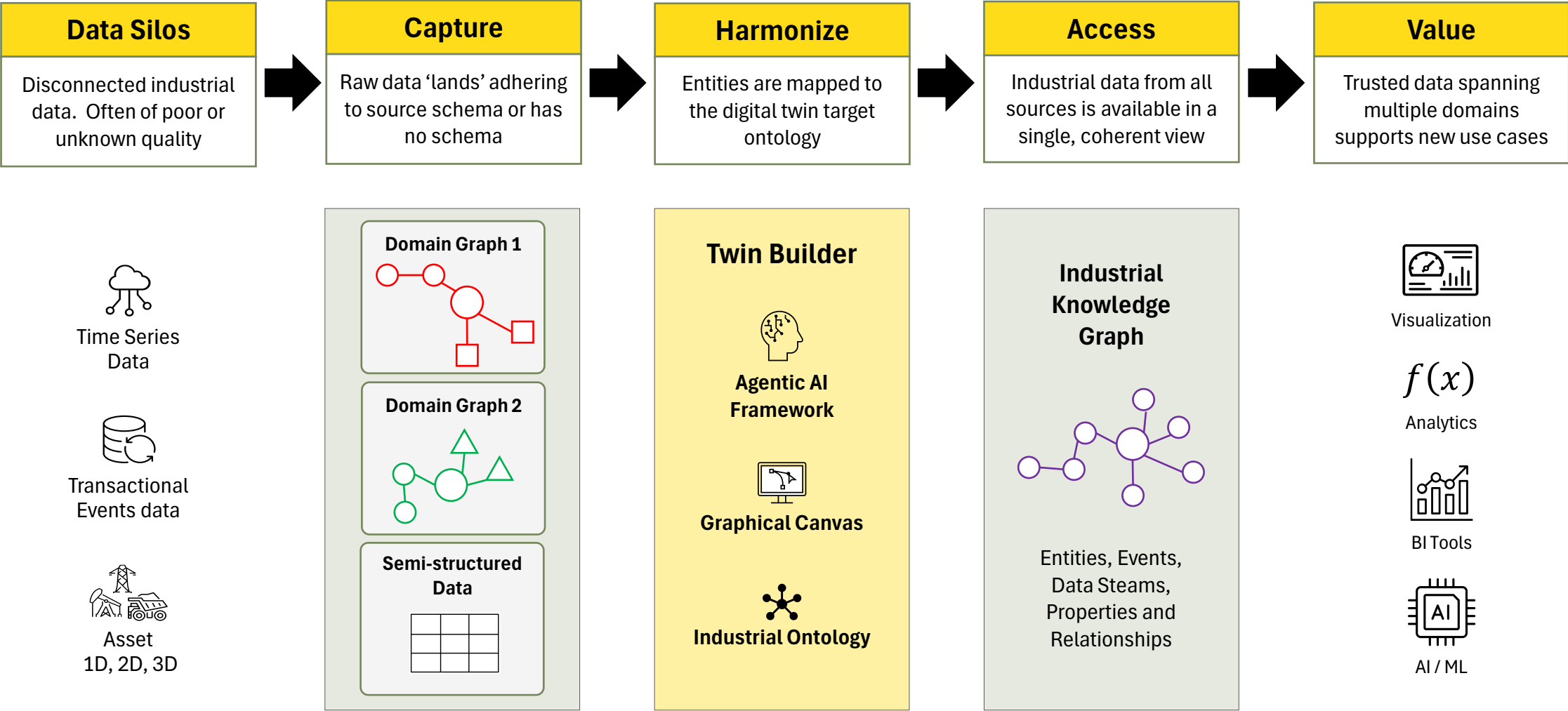
CONNECT Twin Builder

Making the creation and maintenance of a Digital Twin viable for **ALL** organizations

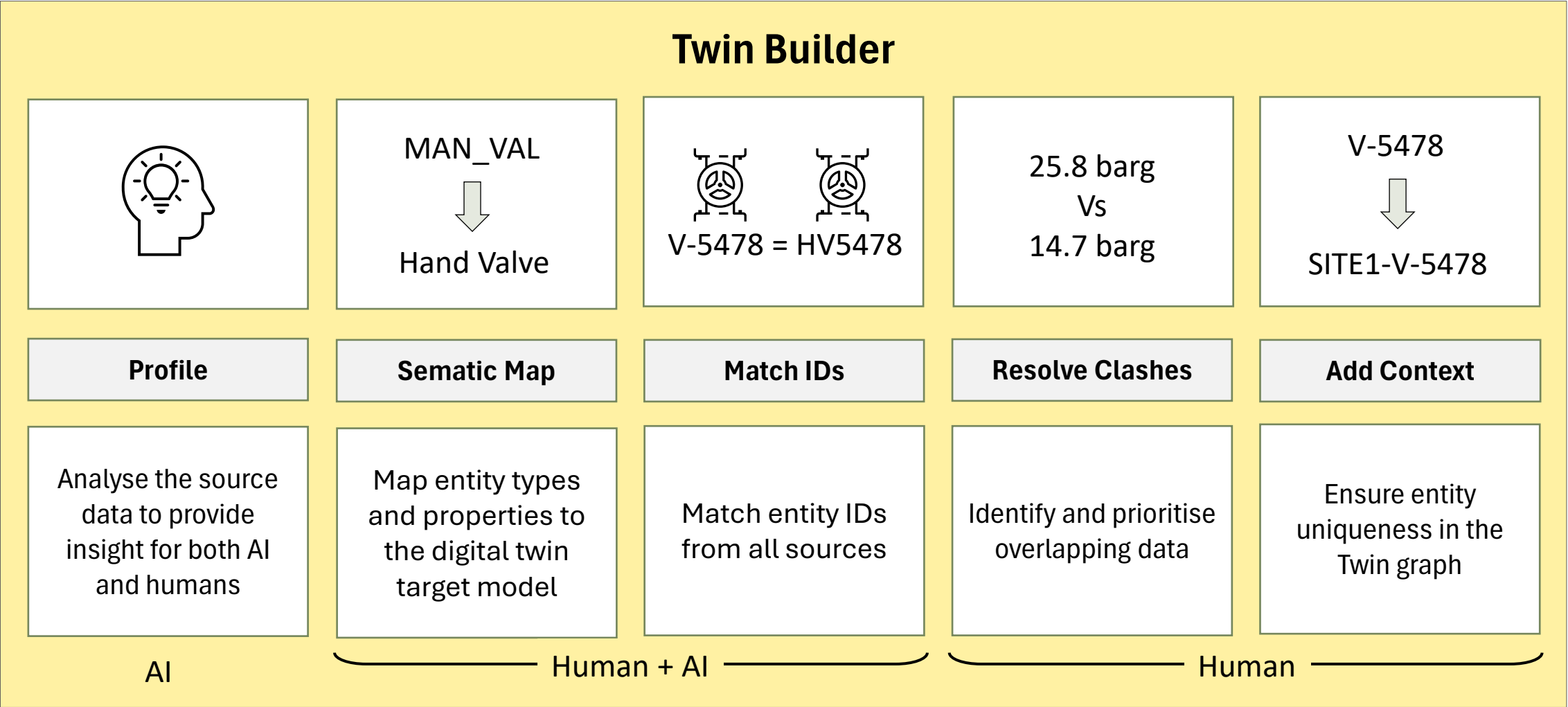
Drive **down** the **cost, time** and **expertise**
required to build and maintain a digital twin



CONNECT Twin Builder information flow



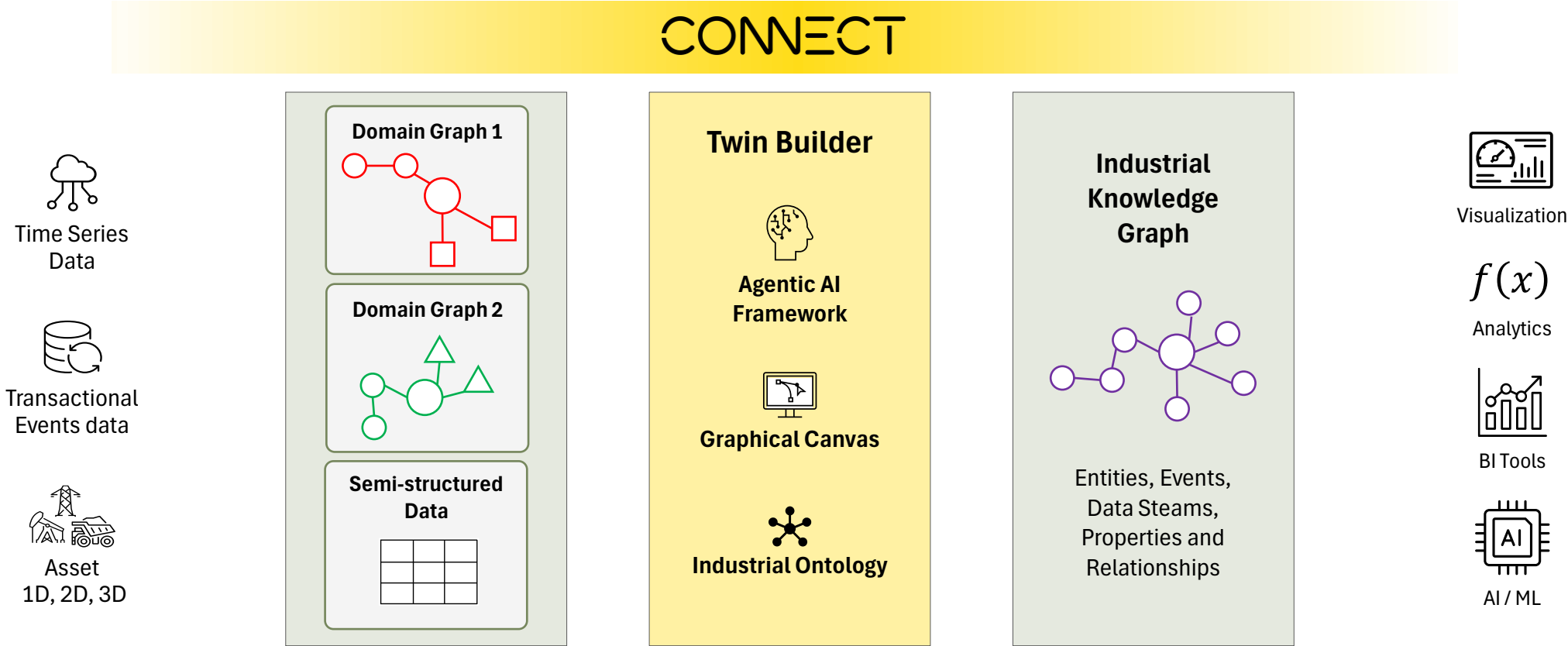
Agentic AI Framework





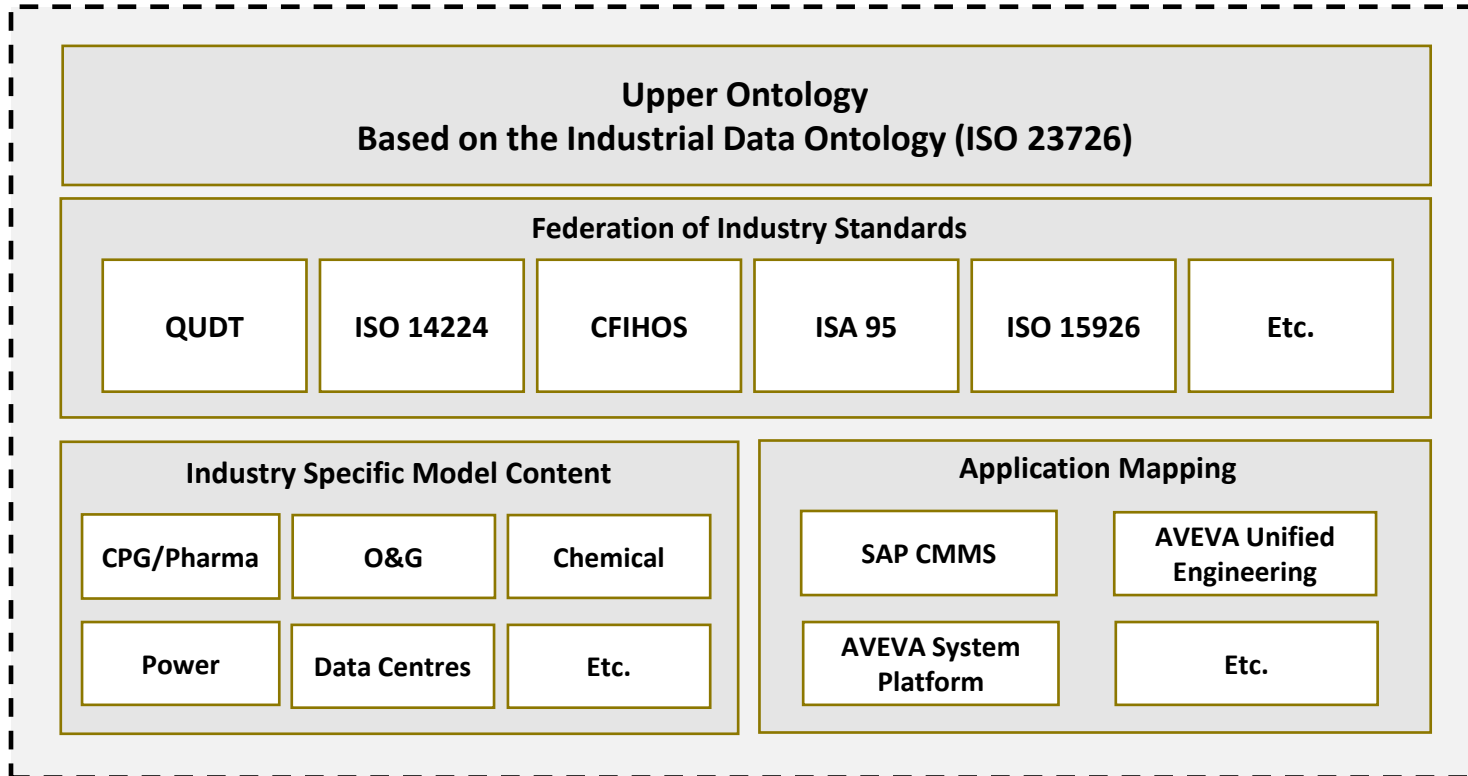
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Industrial Ontology

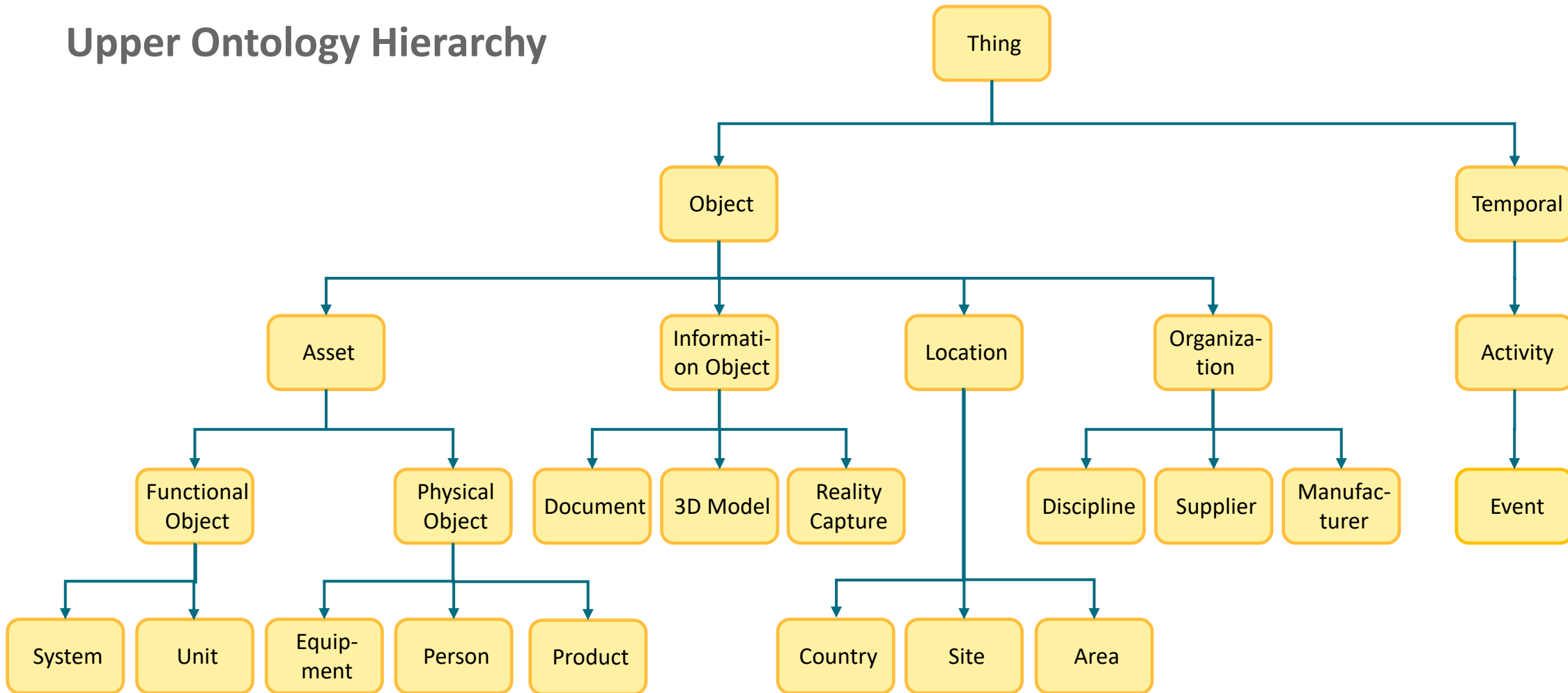
The common industrial language



- A **standards-based** ontology
- Defines industrial object **classes**, their **properties**, and **relationships**
- Defines best-practice **Templates**
- Provides a common, **unambiguous data language** across AVEVA and third-party applications
- Accelerates **digital twin** delivery and enables **interoperability**

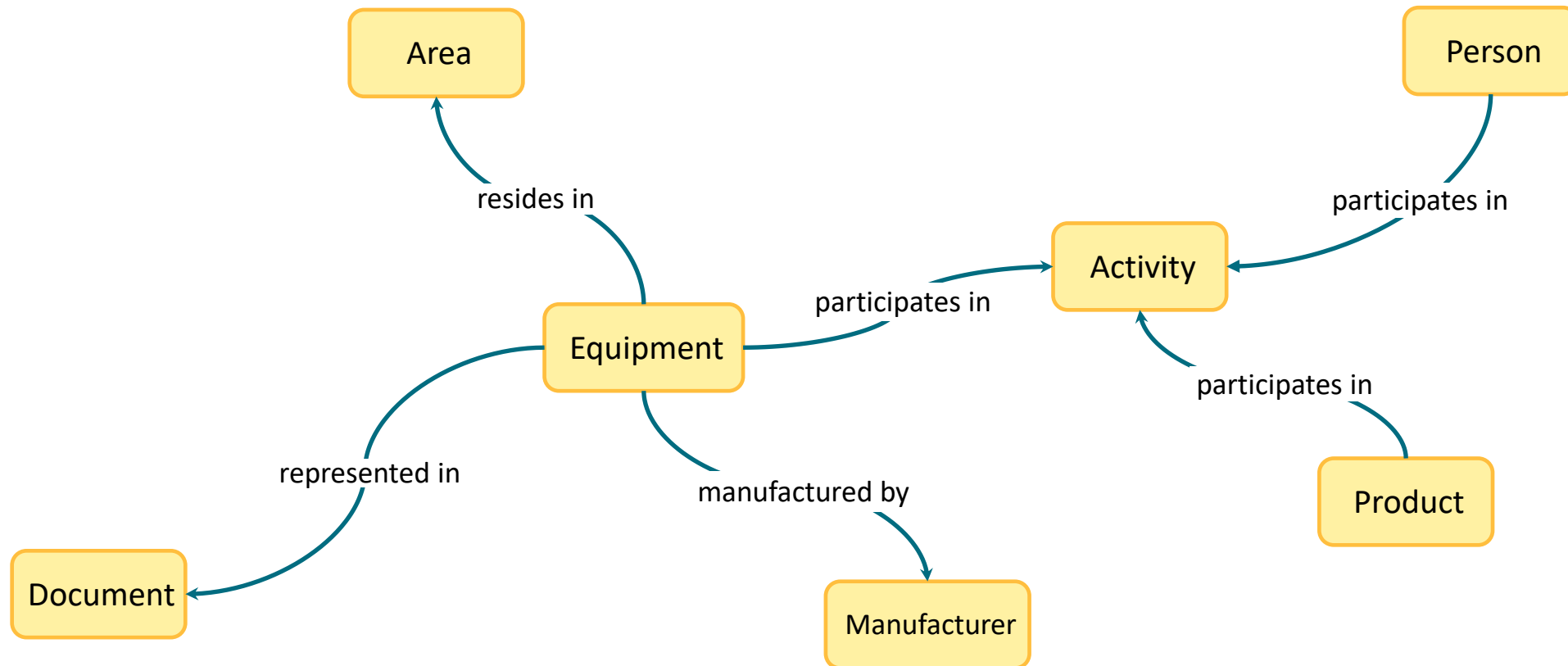
ISO 23726: Industrial Data Ontology

Upper Ontology Hierarchy

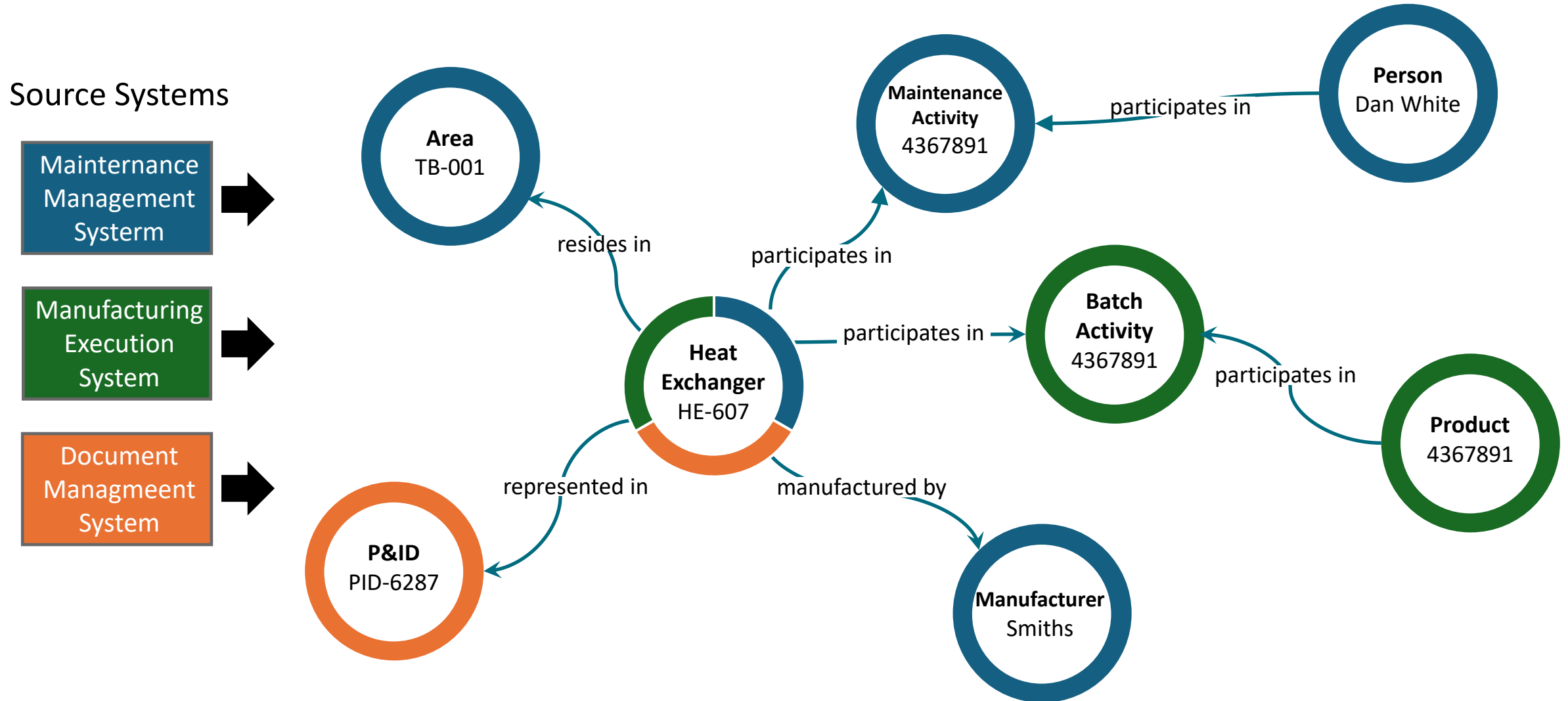


ISO 23726: Industrial Data Ontology

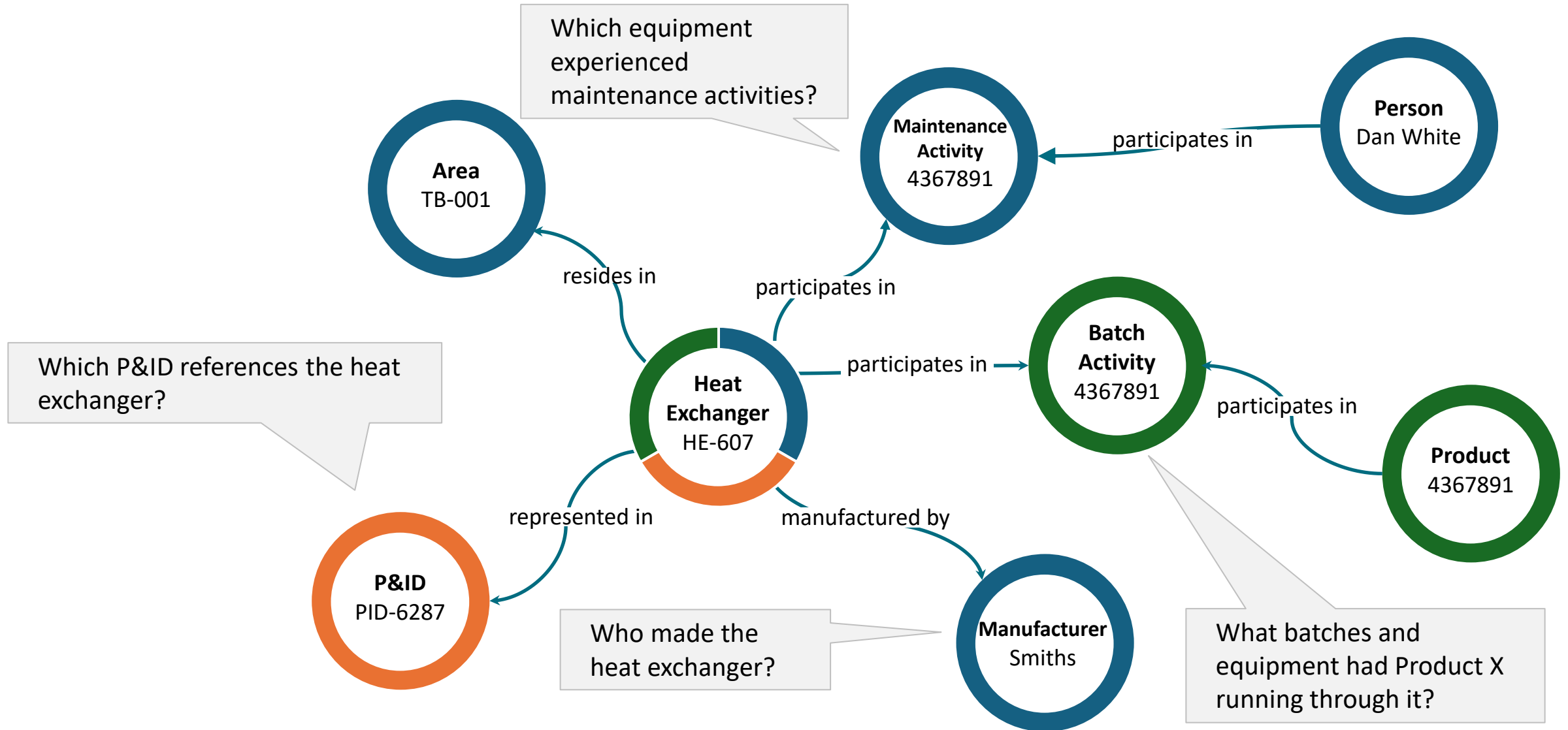
Upper Ontology Permissible Relationships



Ontology based industrial knowledge graph



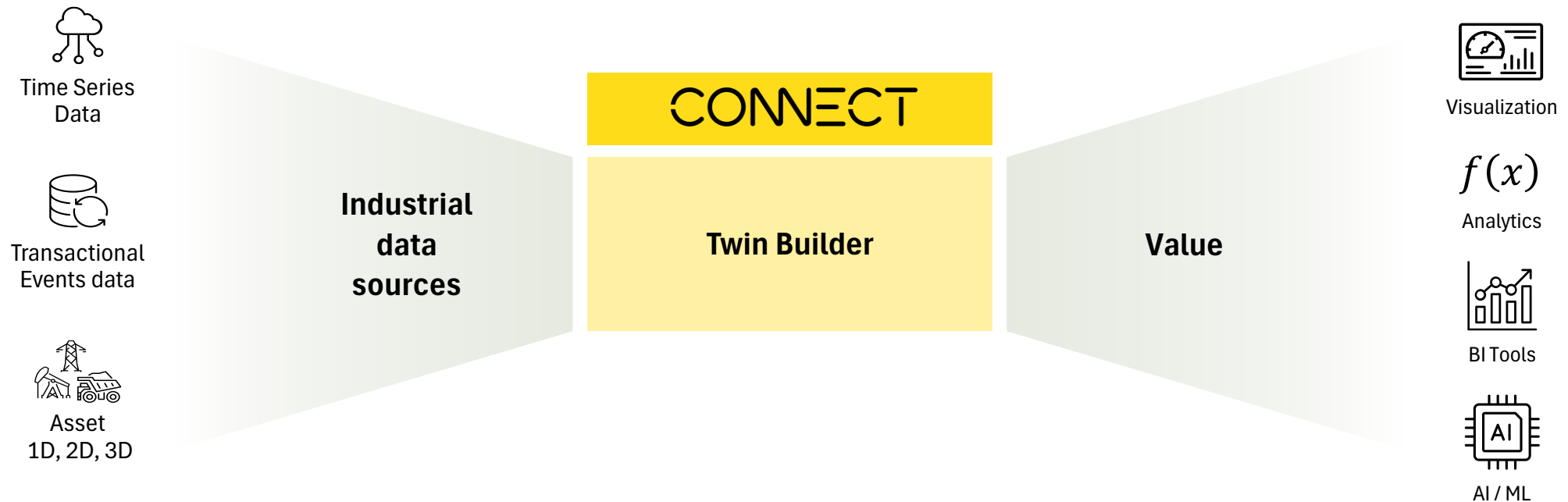
Ontology based industrial knowledge graph



CONNECT Twin Builder

Drive down the cost, time and expertise required to build and maintain a digital twin

AI fails when it ignores discipline knowledge. AVEVA's advantage is simple:
we understand how industry works



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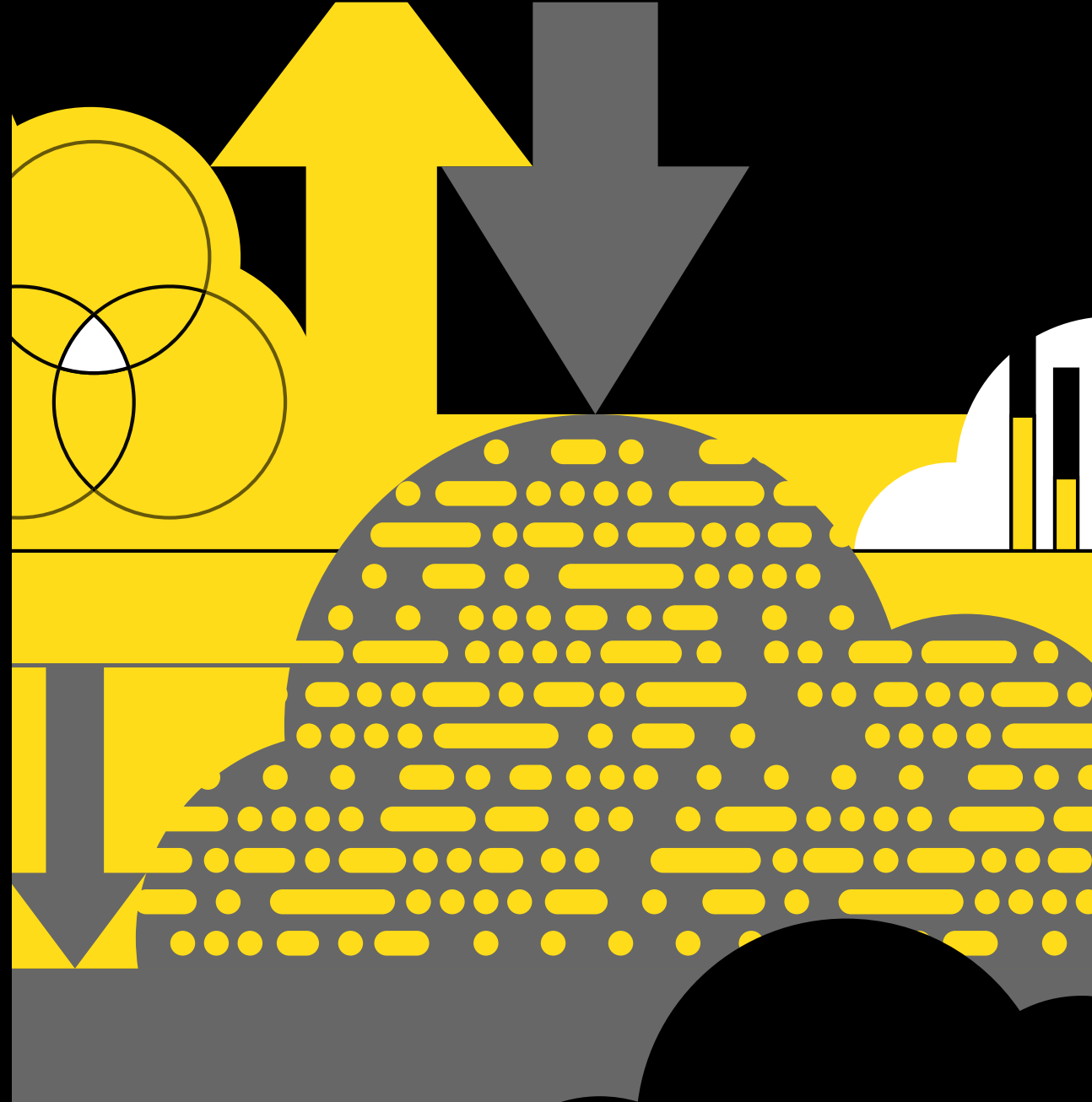
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and experience the new Twin
Builder capabilities coming this
year.

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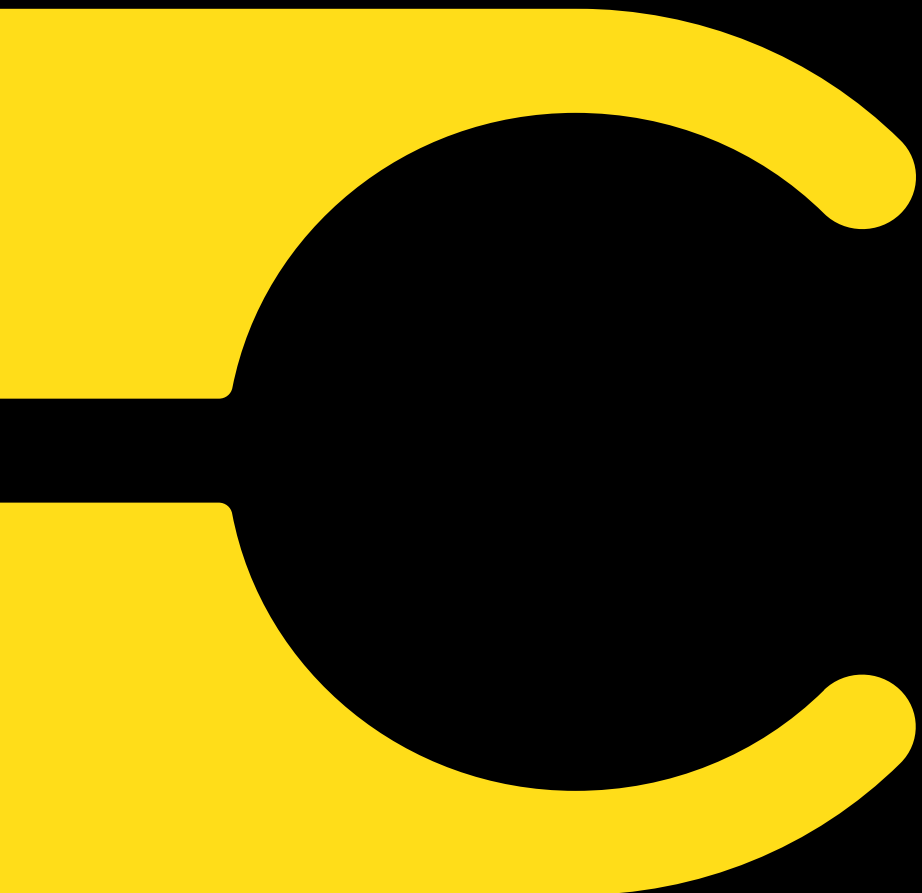
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Thank You!



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AVEVA is a world leader in industrial software, providing engineering and operational solutions across multiple industries, including oil and gas, chemical, pharmaceutical, power and utilities, marine, renewables, and food and beverage. Our agnostic and open architecture helps organizations design, build, operate, maintain and optimize the complete lifecycle of complex industrial assets, from production plants and offshore platforms to manufactured consumer goods.

Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world's most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

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