AVEVAWORLD

CONNECT

APRIL 2025

Amping up Unified Engineering

With the power of CONNECT and AI

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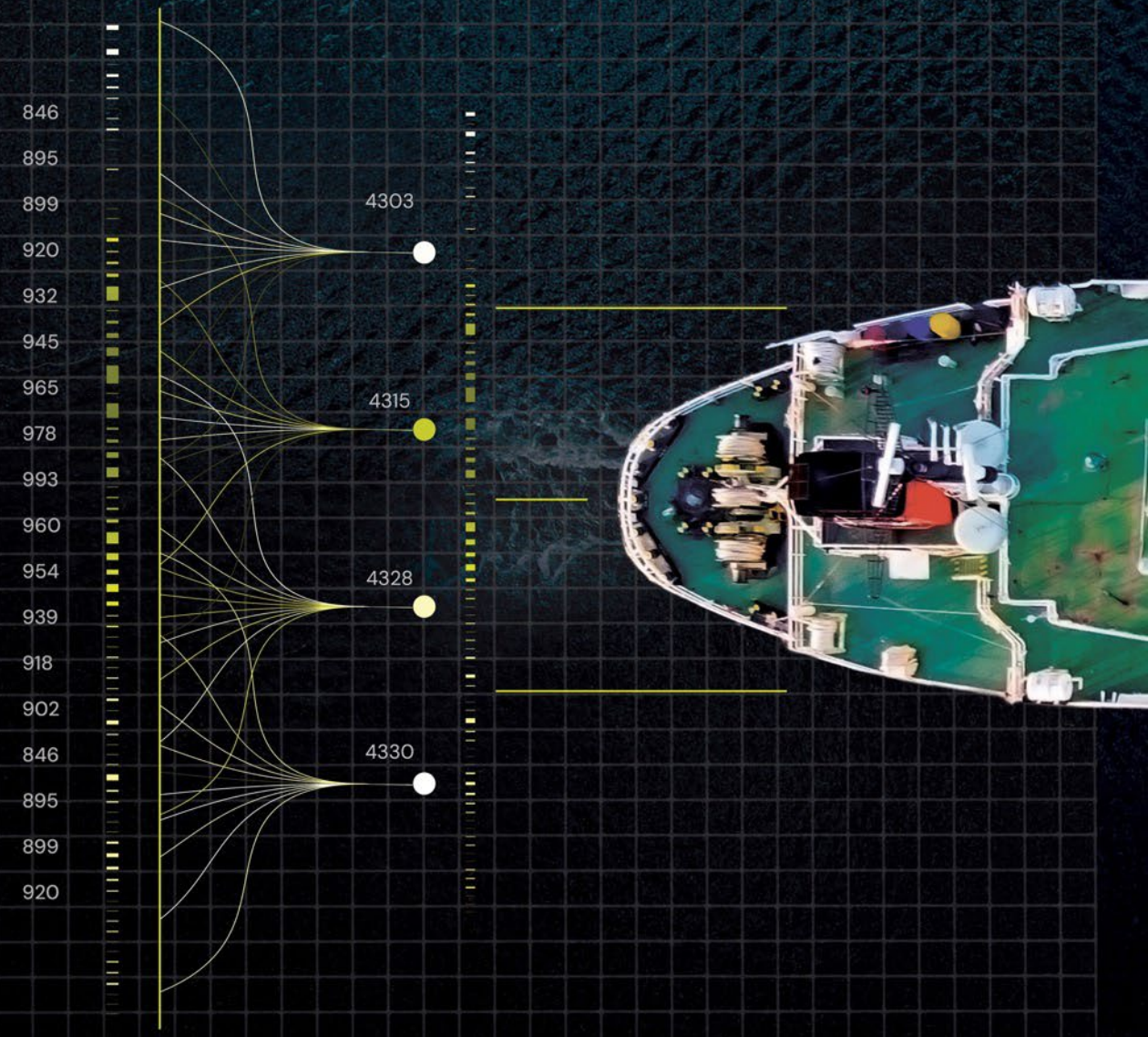

Agenda

- Global Collaboration with Spectrum Data Service
- Unified Engineering Communities
- Boosting Productivity with AI

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Unparalleled Global Collaboration

with seamless cross organization data sharing

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TRUSTED INTELLIGENCE

ACTIONABLE INSIGHT

UNIFIED EXPERIENCE

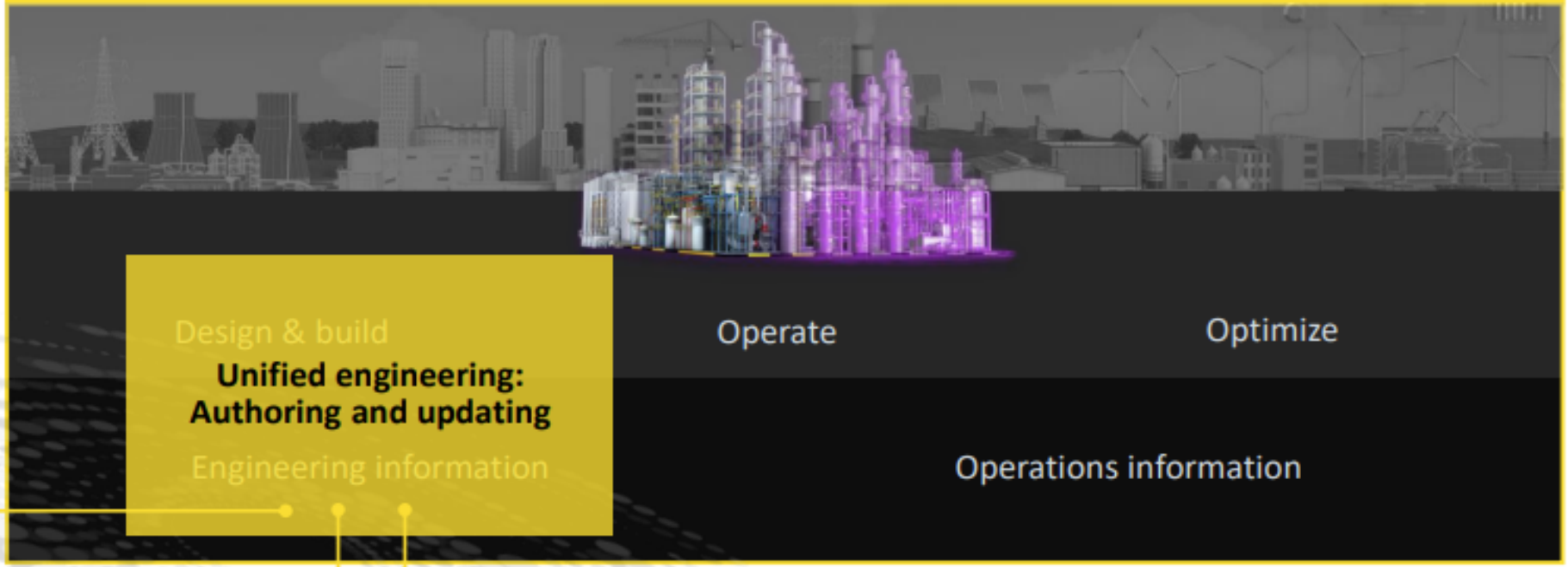
EMPOWERED ECOSYSTEM

Seamless experience

Applications and analytics

Information

CONNECT



Partners

1 Greenfield (CapEx)

2 In-op change (OpEx)

3 Brownfield (CapEx during OpEx)

Continuous cycle of **concurrent change**

Change that **spans** projects, teams and companies

Challenging to control, impacting **insight** & **trust**

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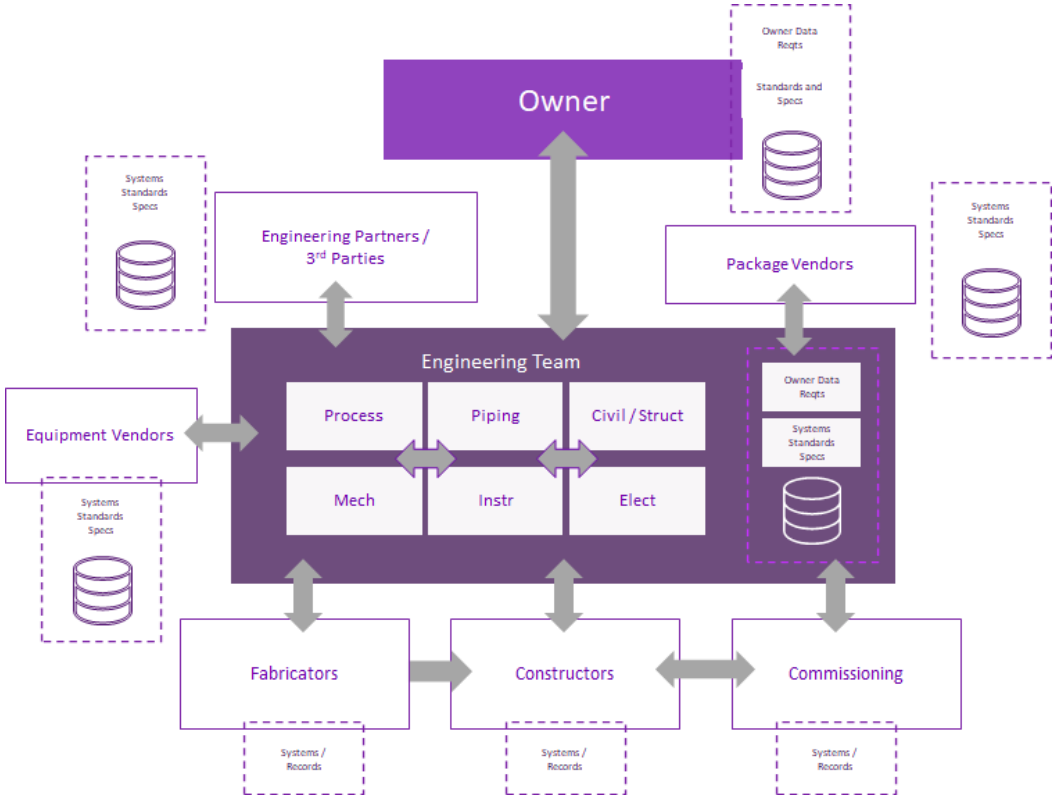
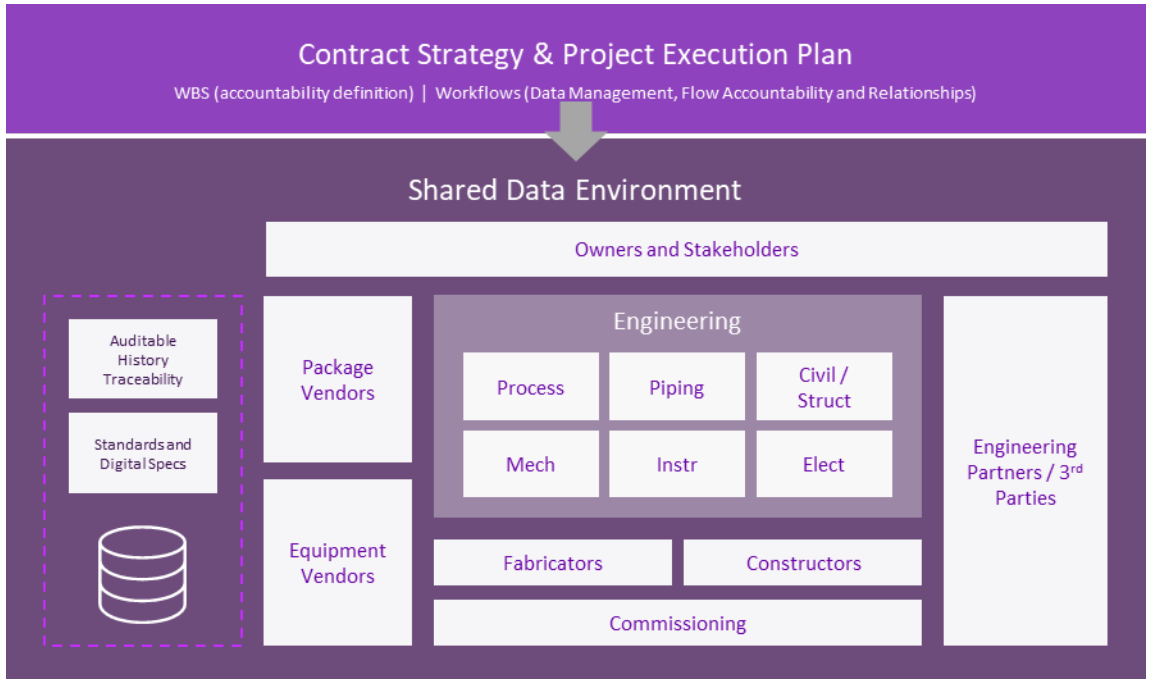
Unparalleled global collaboration

A truly digital project environment



Disconnected Systems, Teams and Project Data



'Connected' Systems, Teams and Project Data

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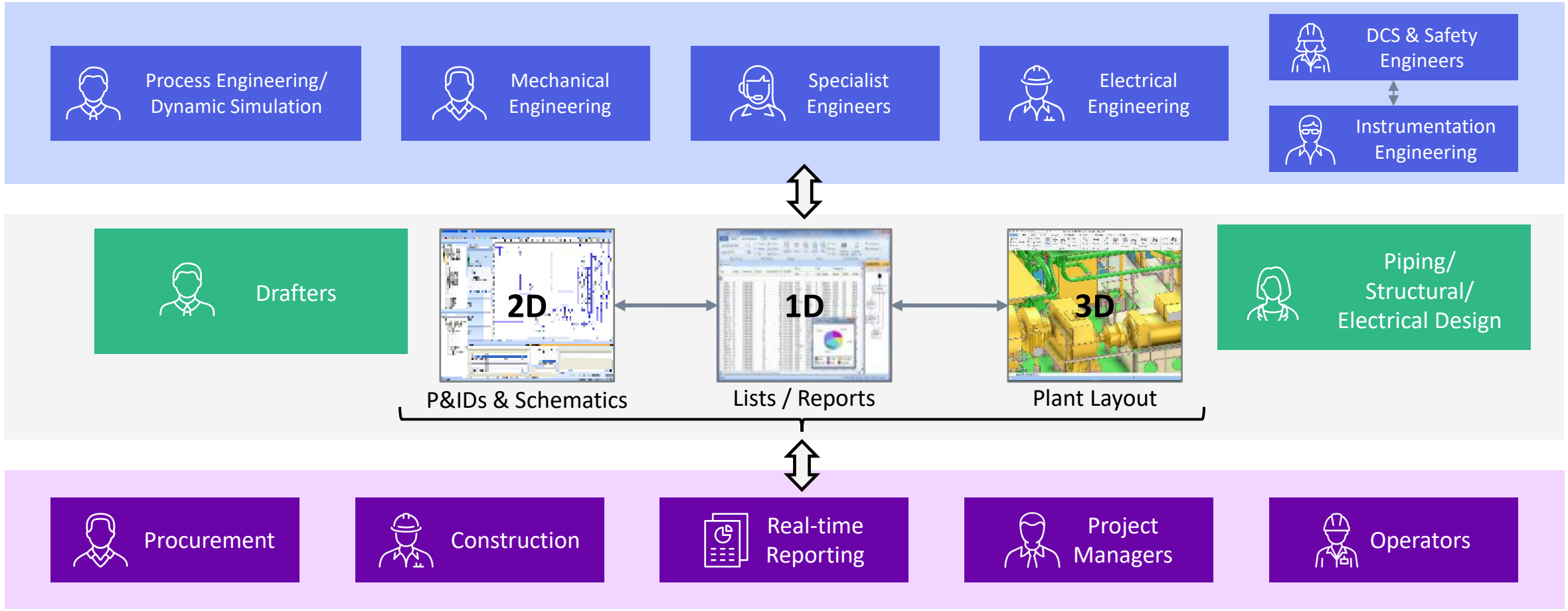
AVEVA Unified Engineering

1D, 2D, 3D multi-discipline engineering and design leveraging common data



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Seamless cross organization data sharing

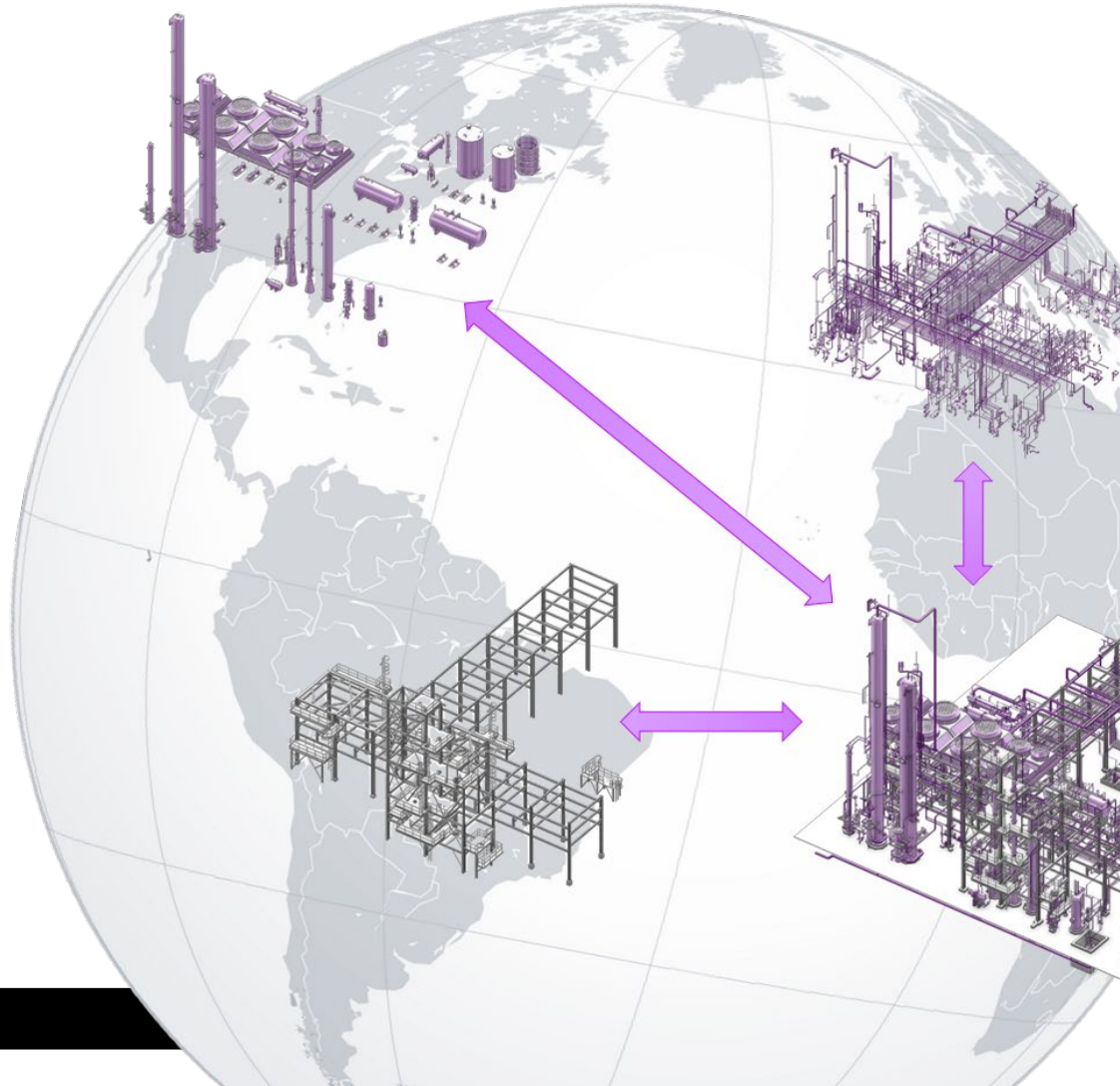
Enabling collaboration in a complex world

Simplify – Remove the need to have multiple technologies which drive unnecessary cost and limit performance

Drive Time to Value – Reduce complexity, time and cost for setup and maintenance

Collaborative – Easy data sharing while meeting IT security and Data Access control demands

Dynamic – Offering flexible configurations that can not be adjusted as projects, facilities, and businesses mature



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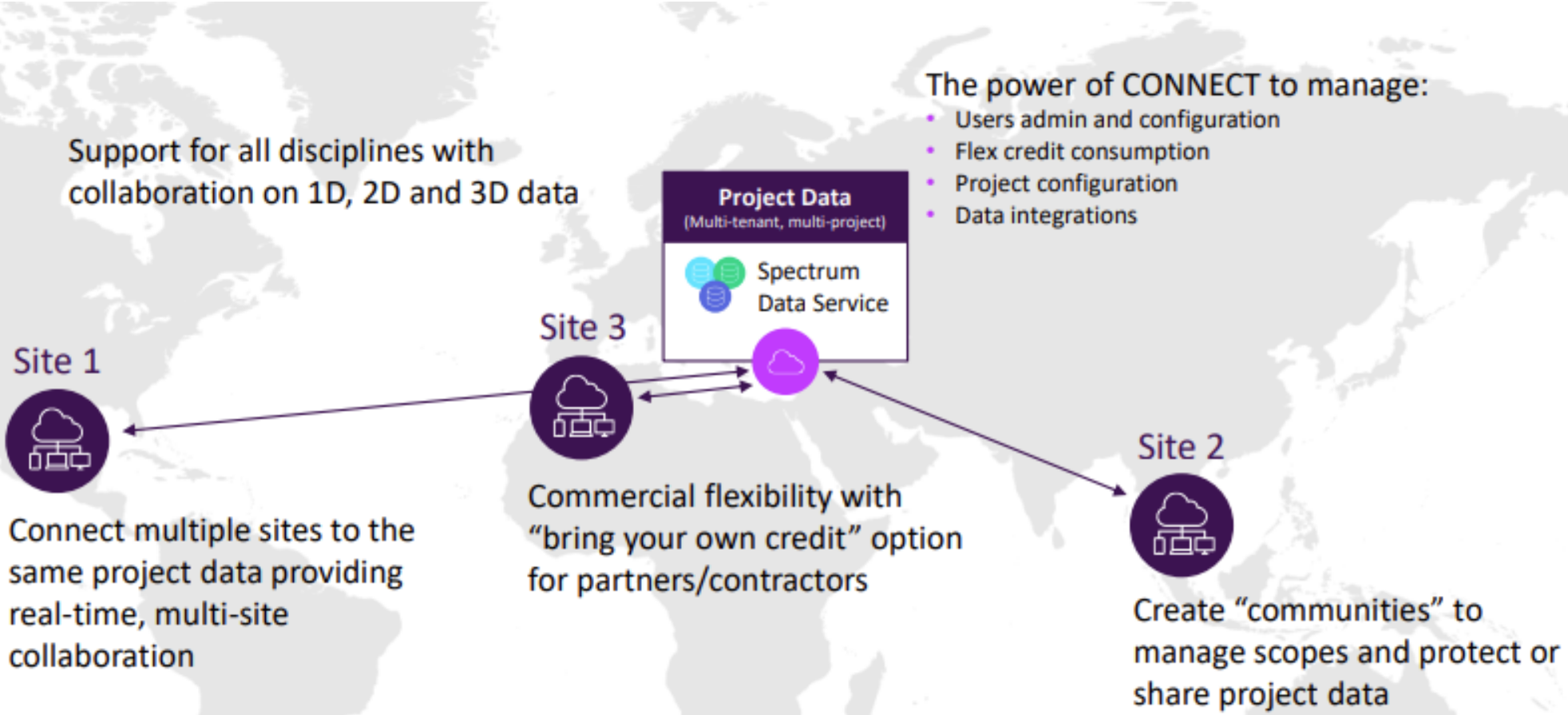
Seamless cross organization data sharing



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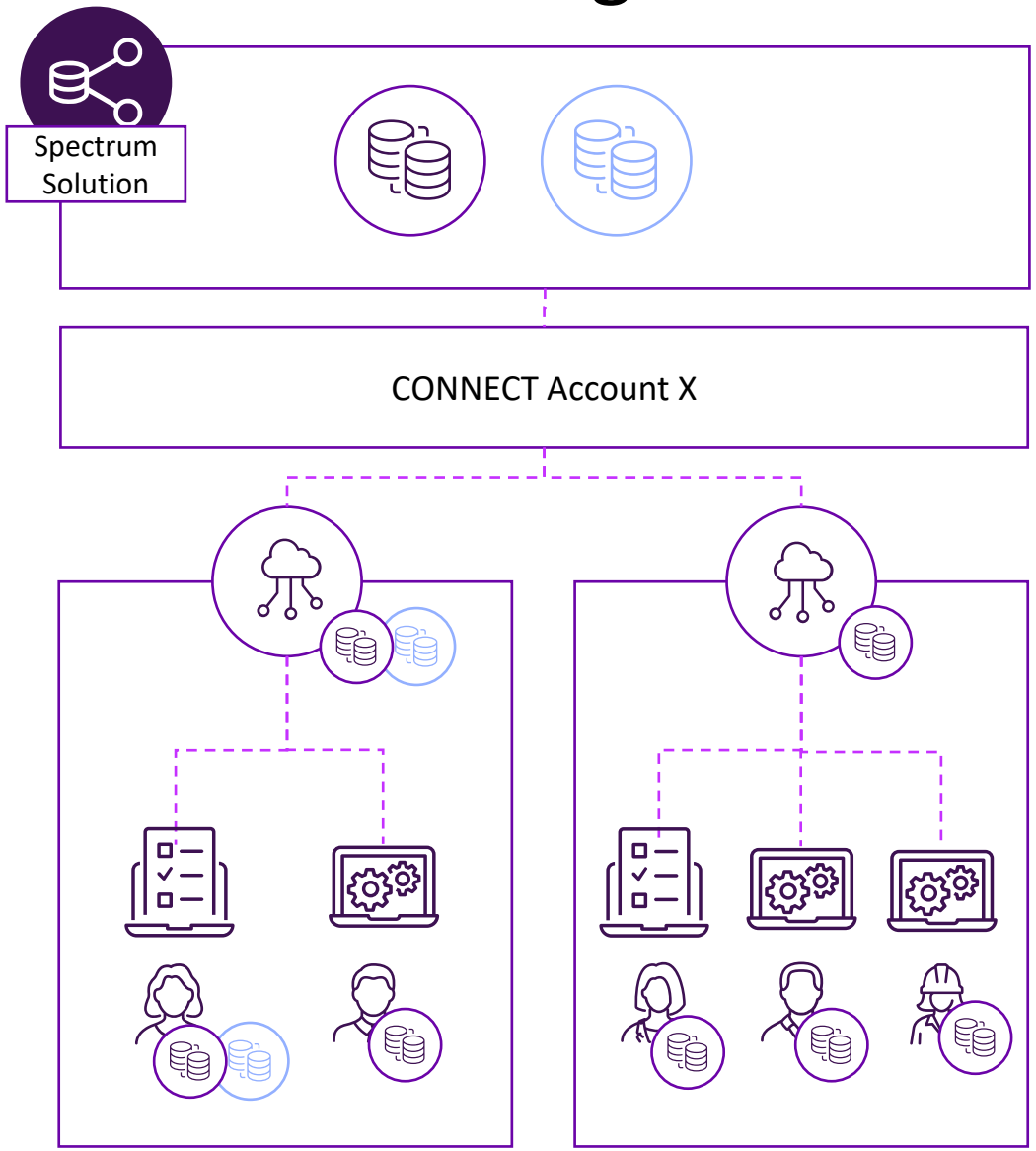
Seamless cross organization data sharing



- Project data stored securely in the Spectrum cloud service providing a single source of truth.
- Accessed through CONNECT, the Spectrum service can be enabled on a CONNECT account.
- Edge Connectors provide a cache of the project data enabling access with reduced latency from many locations.
- Project Admin can control which Edge Connectors the project data is available on.
- Spectrum enabled Unified Engineering (1D/2D/3D & Admin) provide access to the data based on the user's Spectrum & Dabacon permissions.

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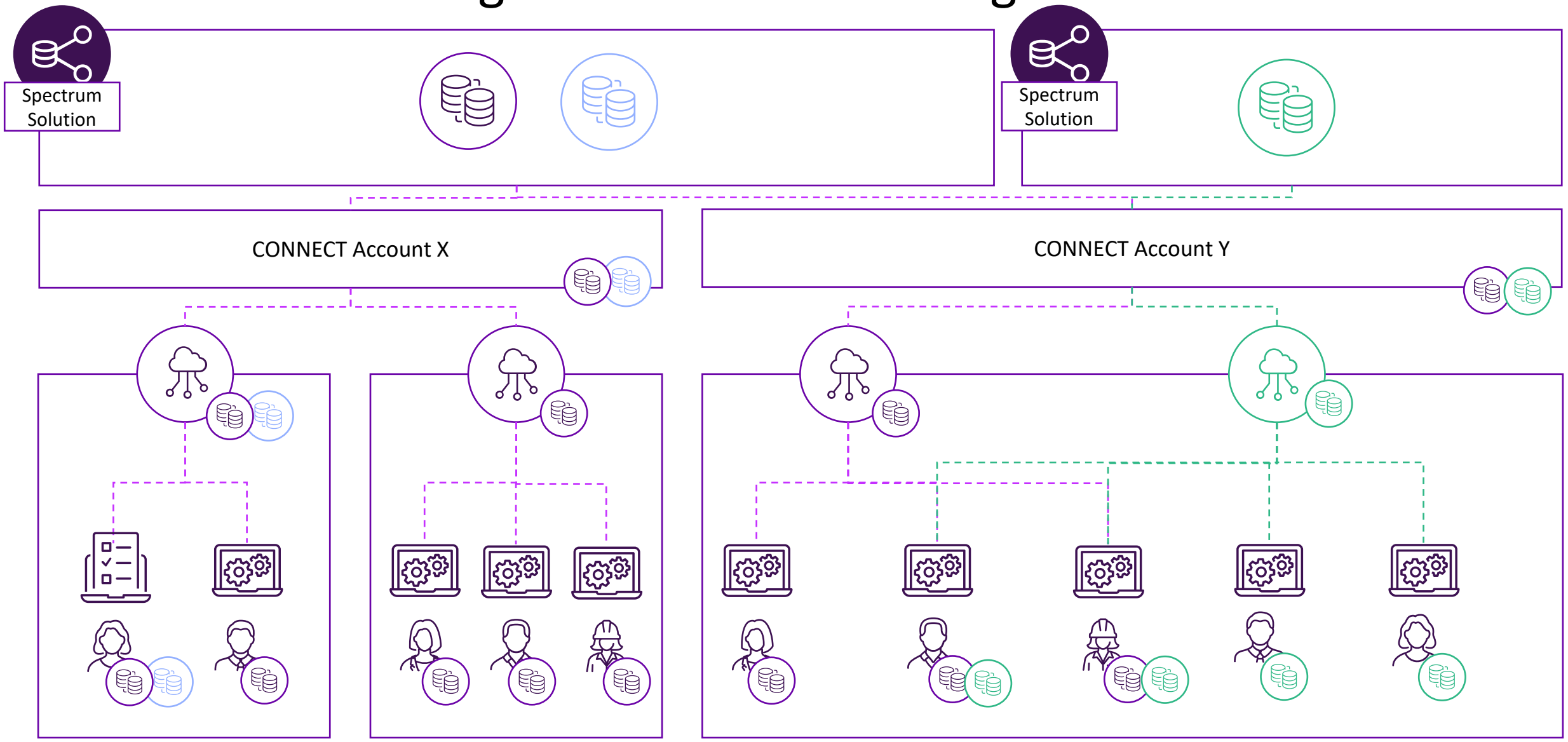
Seamless cross organization data sharing



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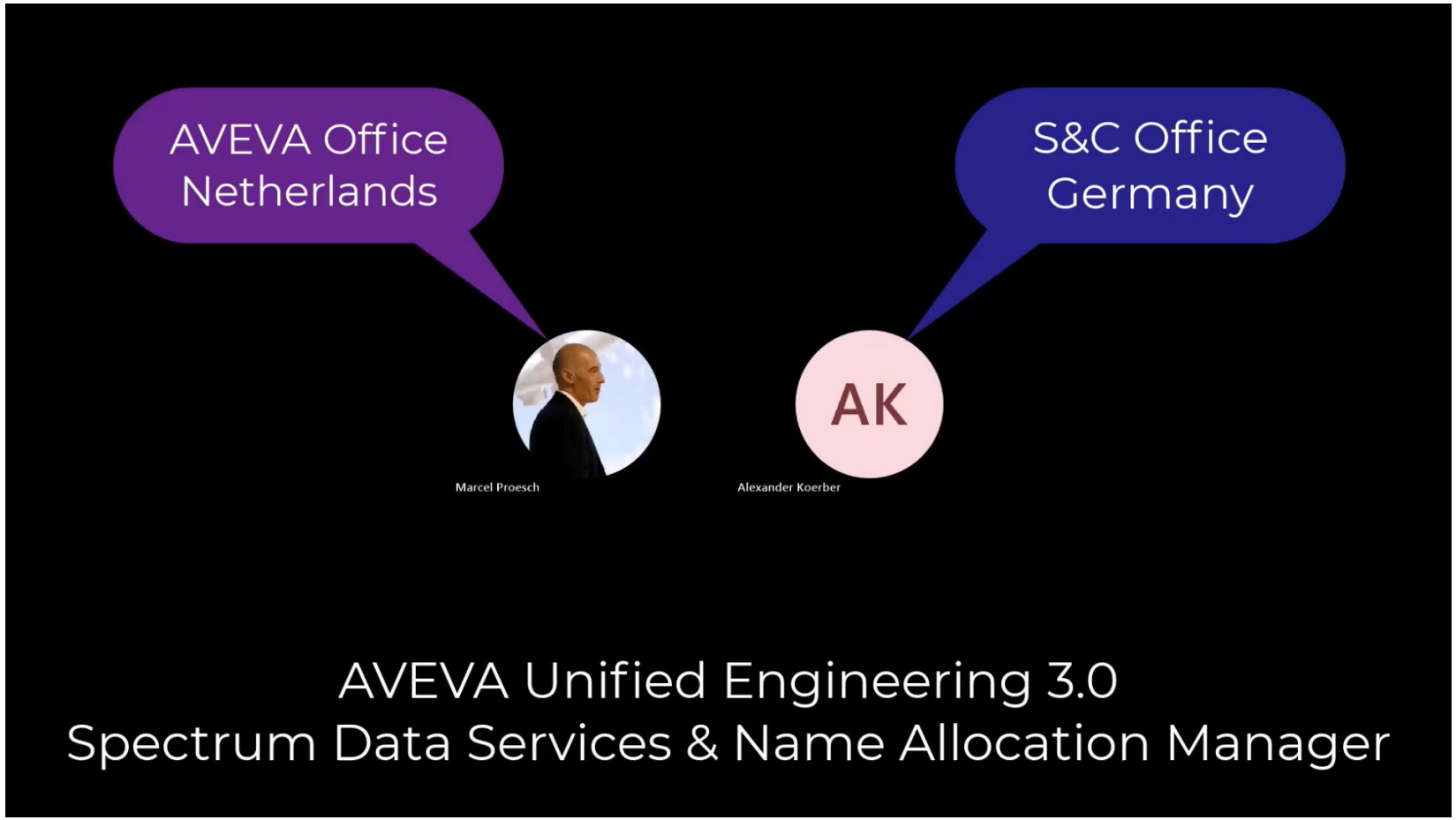
Seamless cross organization data sharing

Unified Engineering with Spectrum Data Service



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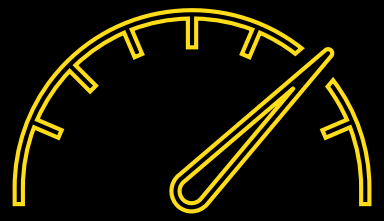

Boosting Productivity with AI
from Assistants to Agents

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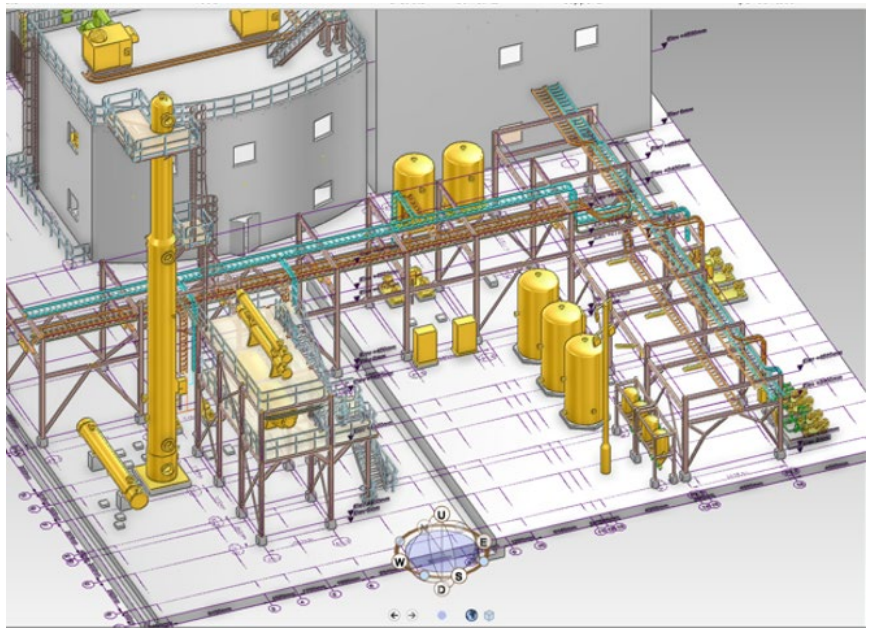
The future of engineering design

Multi-layered and co-ordinated AI capabilities

[conceptual prototype]

Your EPC project



Generative

Predictive

Embedded Design Assistance

Clean data

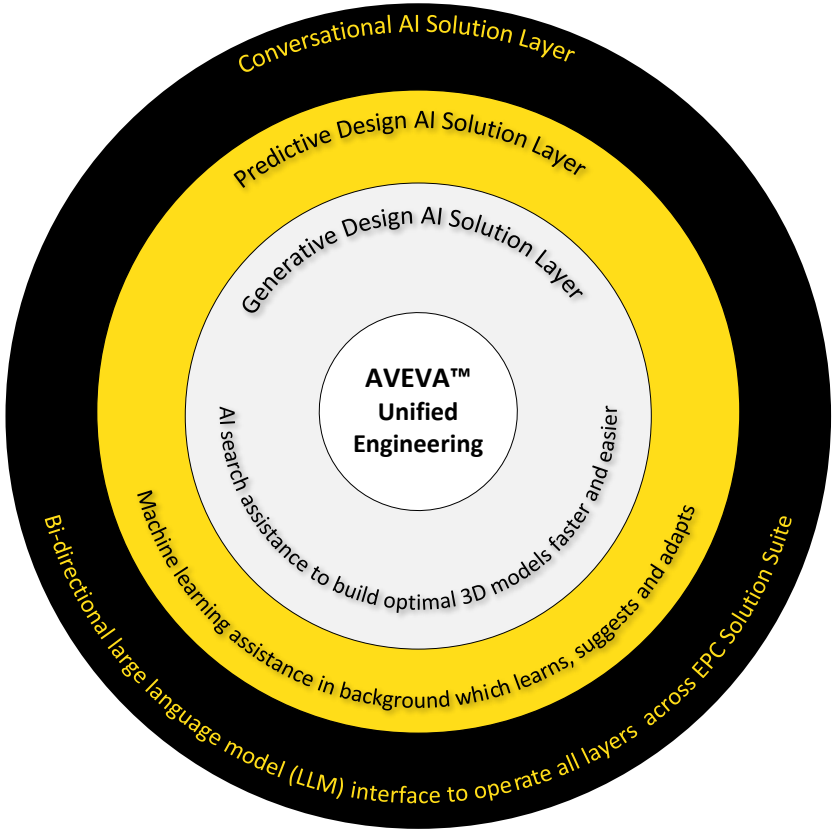
Select ML model

Build ML model

Test ML model

Deploy ML model

Assistant → What would you like me to do?



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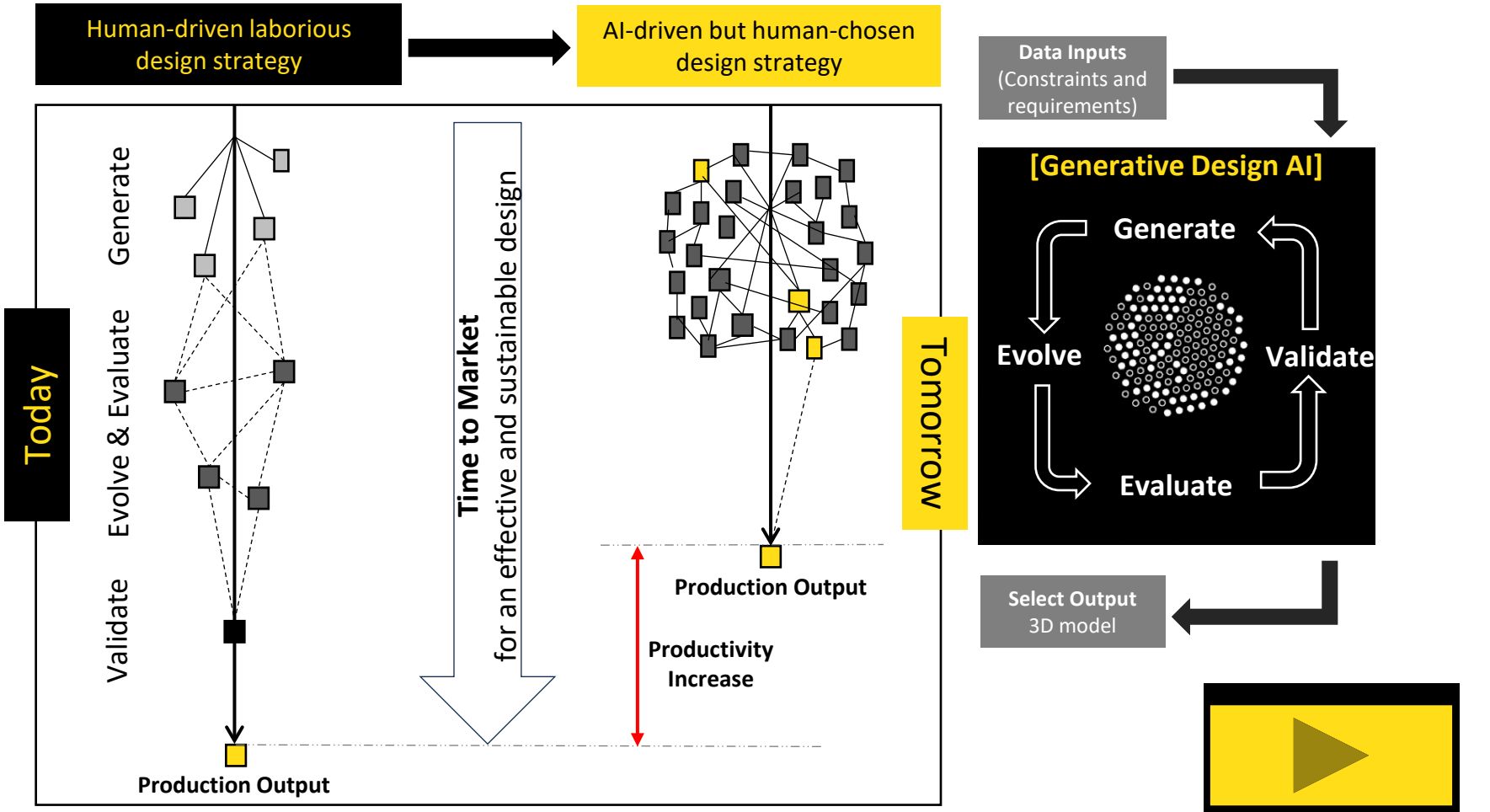
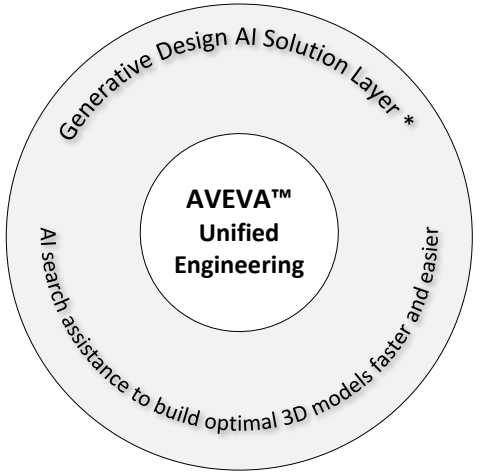
The future of engineering design

Going generative





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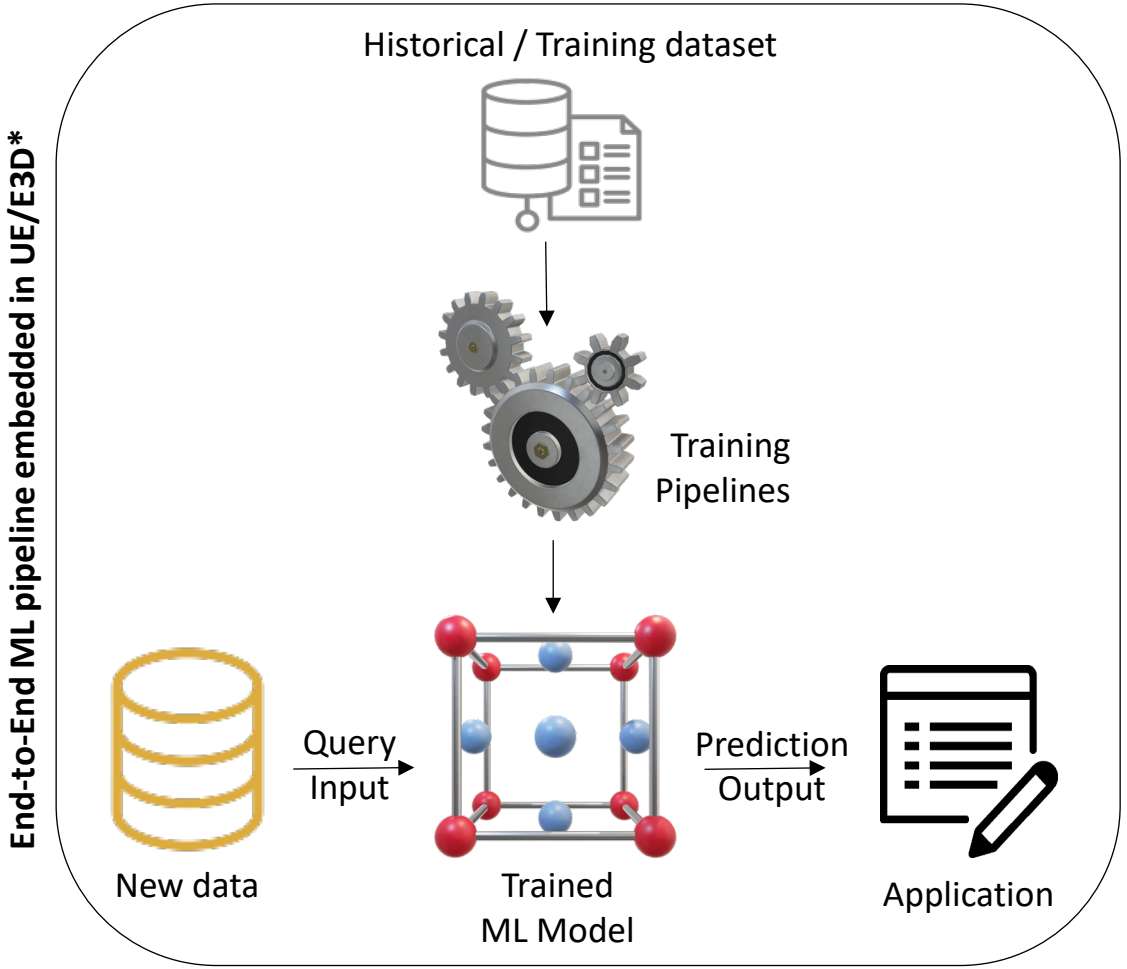
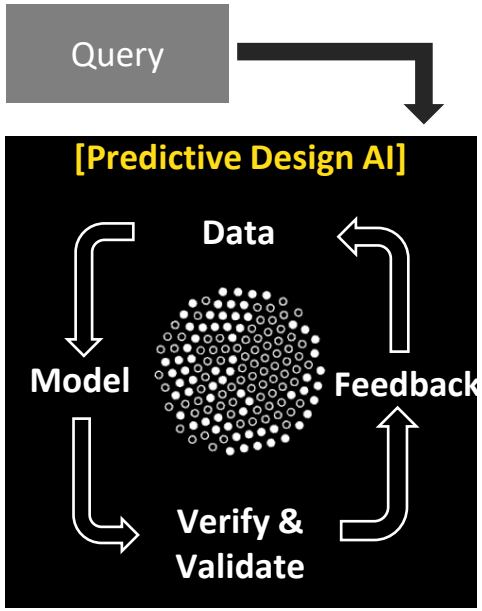
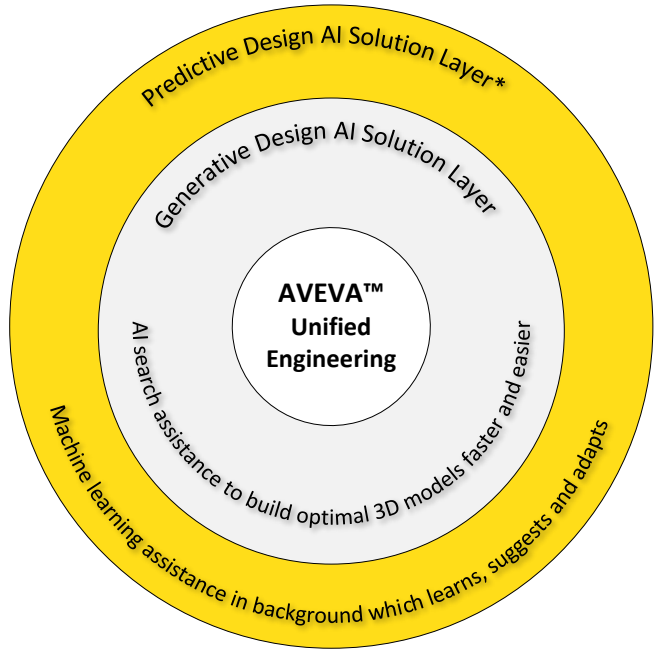
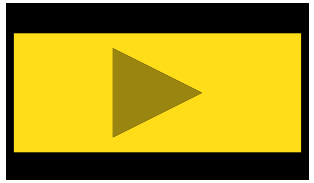
The future of engineering design

Going predictive









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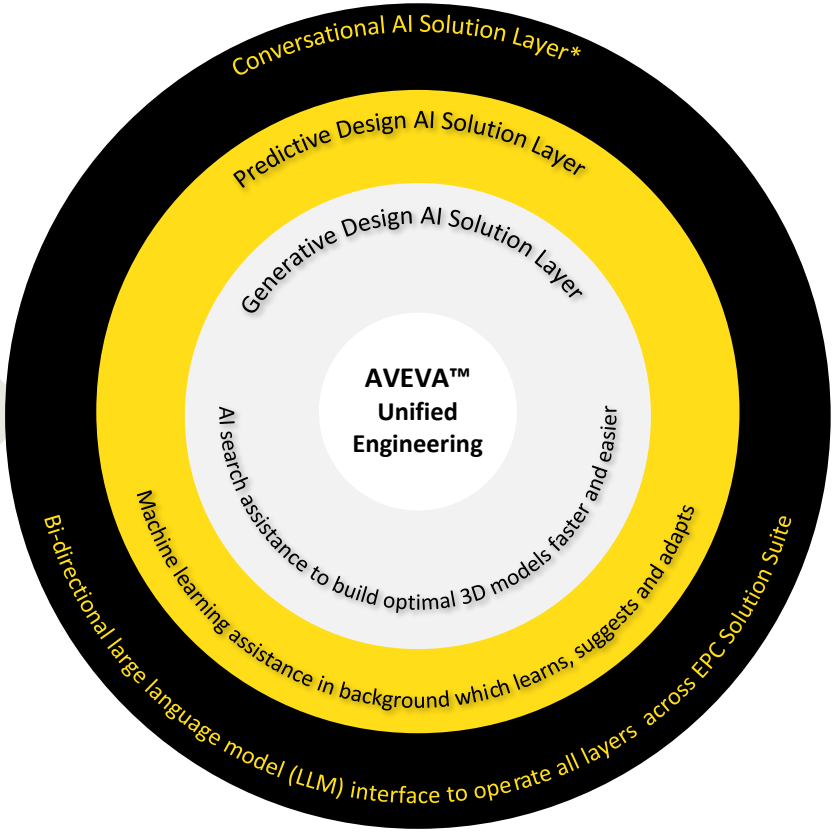
The future of engineering design

Going agentic

Assistant → Copilot → Autopilot → Agent



Mind the **agency** gap

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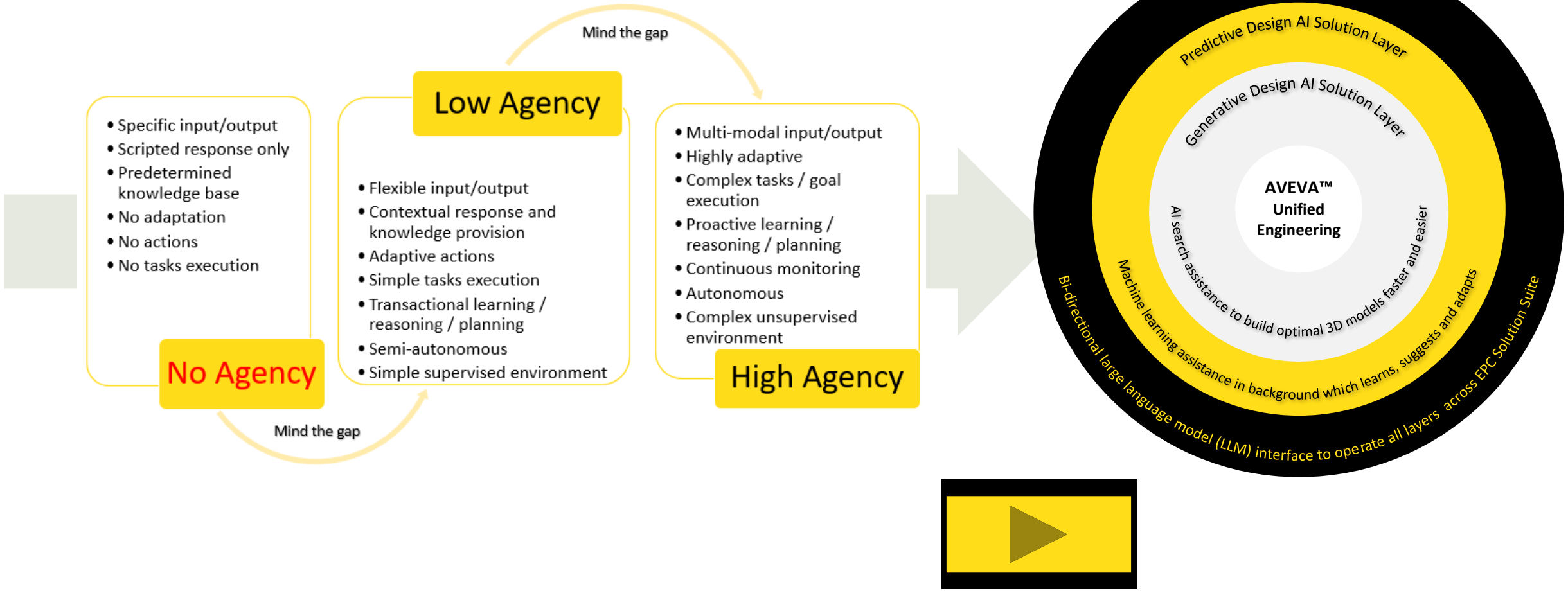
The future of engineering design

Going agentic



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Please remember to…

Navigate to this session in the
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