



AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

AVEVA WORLD MILAN, MAY 2026

Transforming project delivery

With AVEVA's asset lifecycle management and data validation

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AVEVA

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Over 95% of major projects
are delayed or over budget.

Just 31%

come within 10% of cost baselines

Accenture

Only 25%

come within 10% of original deadlines

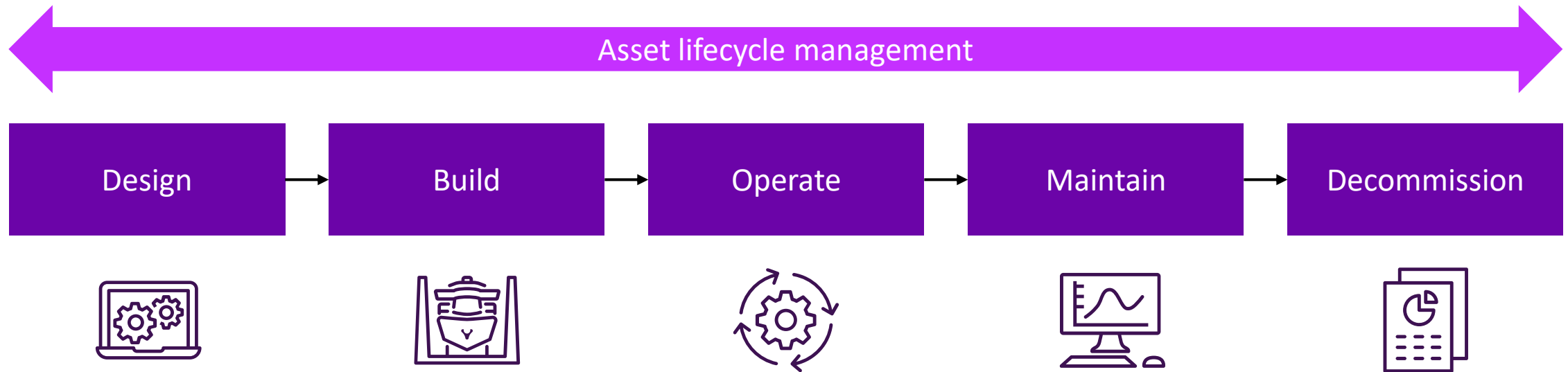


“Complex projects generate huge amounts of data... Management teams need a **better way** to access and interpret all their data.”

McKinsey & Company



A detailed digital thread through the *entire* asset lifecycle



CONNECT

Industrial intelligence for the connected industrial economy

Seamless
experience



Applications
and analytics

Design & build

Operate

Optimize

Ecosystem
of developers
and partners

Information

Engineering information



Operations information

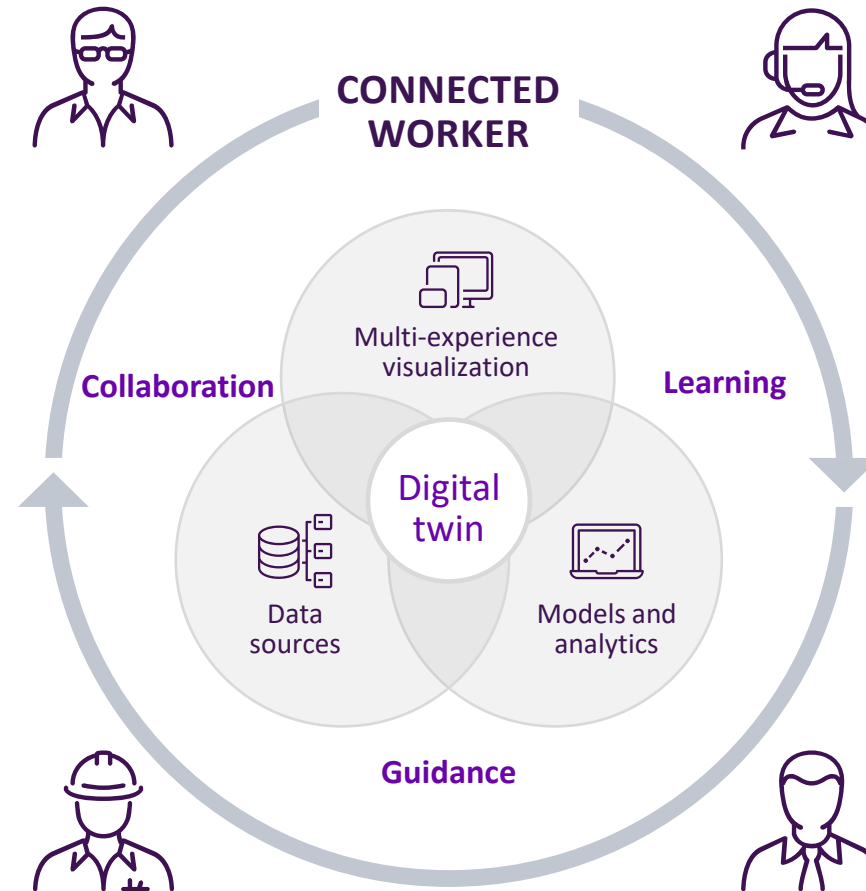


Assets
and devices



To empower the connected worker

With a comprehensive digital twin across engineering and operations



Asset lifecycle management





Why Asset Lifecycle Management?



Marine

“A unified digital approach to manage complete traceability from requirements through design, procurement, and delivery.

This enables efficient multi-vessel programs, accelerated sister ship configuration, and streamlined supply chain collaboration for the marine industry.”

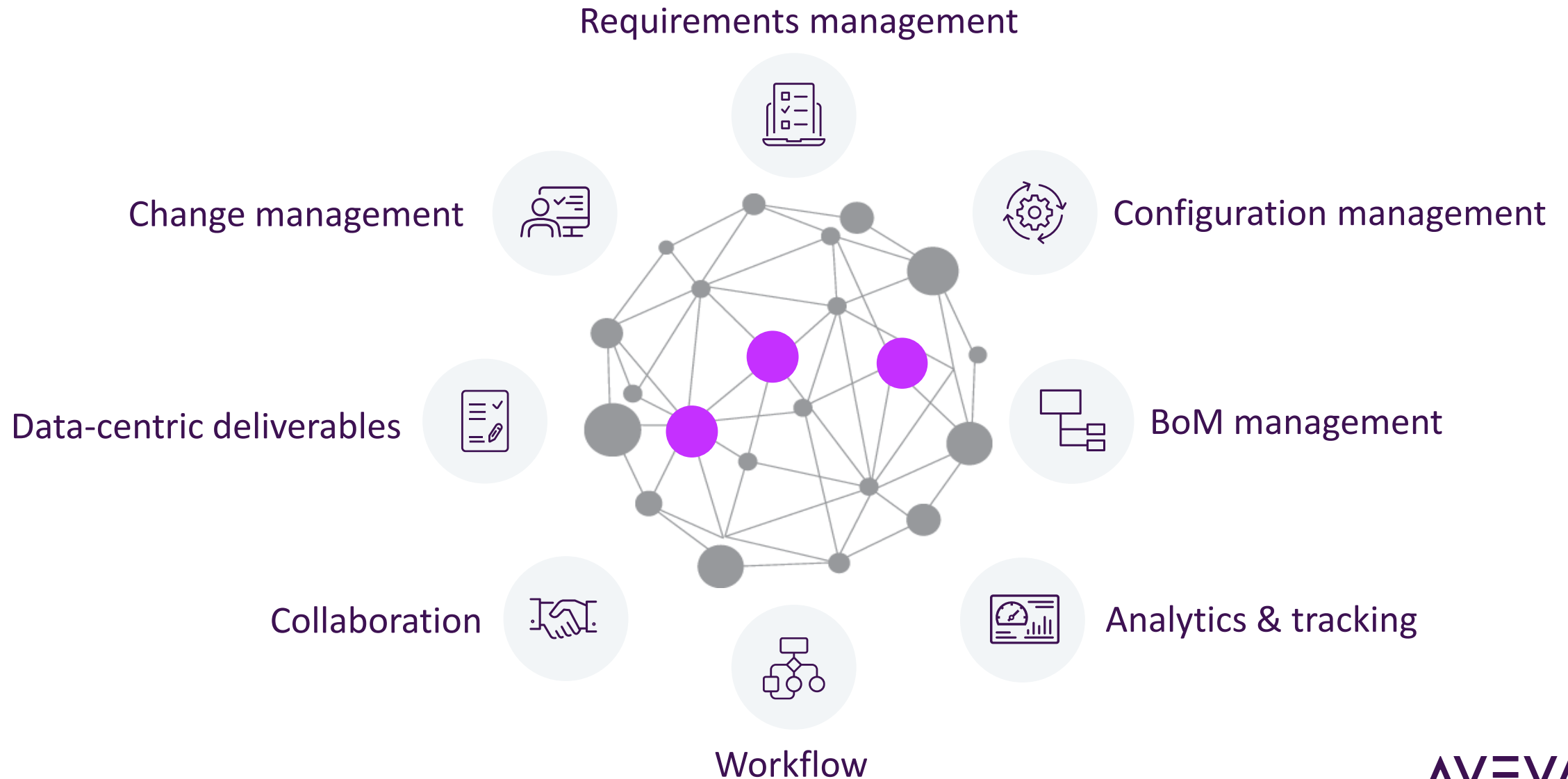


Process Plant Industries

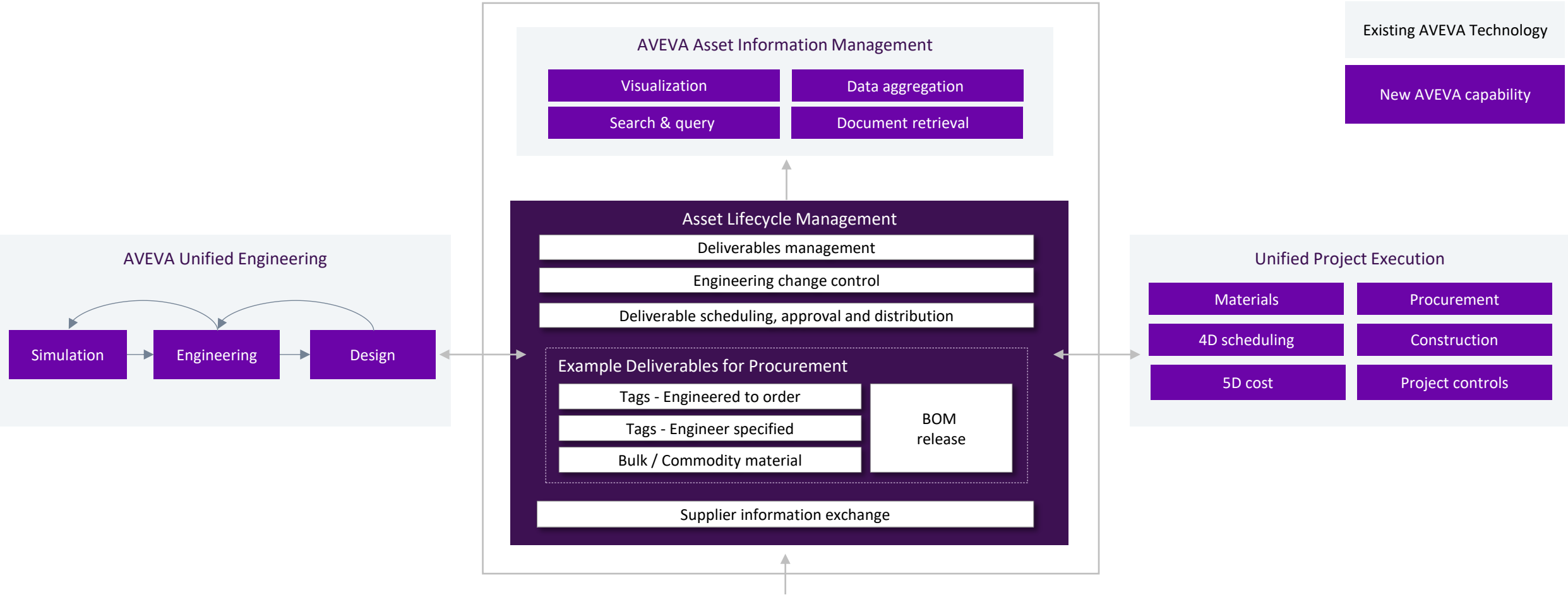
“A unified digital approach to managing trustworthy asset information, requirements, and change across the entire lifecycle.

This enables efficient project delivery, design modularity, and supply chain collaboration for process plant industries.”

Asset lifecycle management



ALM Strategy



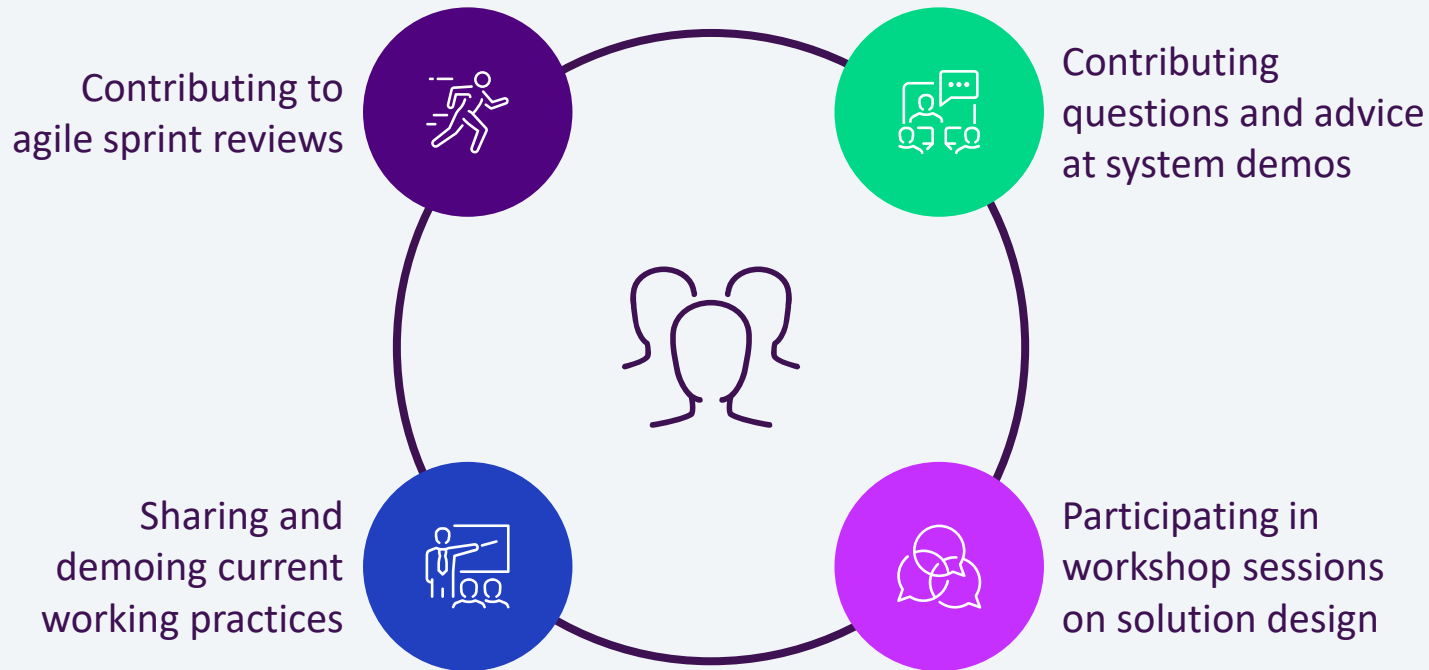
ASSET LIFECYCLE MANAGEMENT

AVEVA™ Deliverables Management

Powered by Aras Innovator



Customer lighthouse program



TotalEnergies

MCDERMOTT

Data-centric deliverables management

Going beyond documents



Objects



Data



Schematics



Documents



Collaboration



Compliance



Quality



Analytics & tracking

AVEVA™ Deliverables Management

Workflow



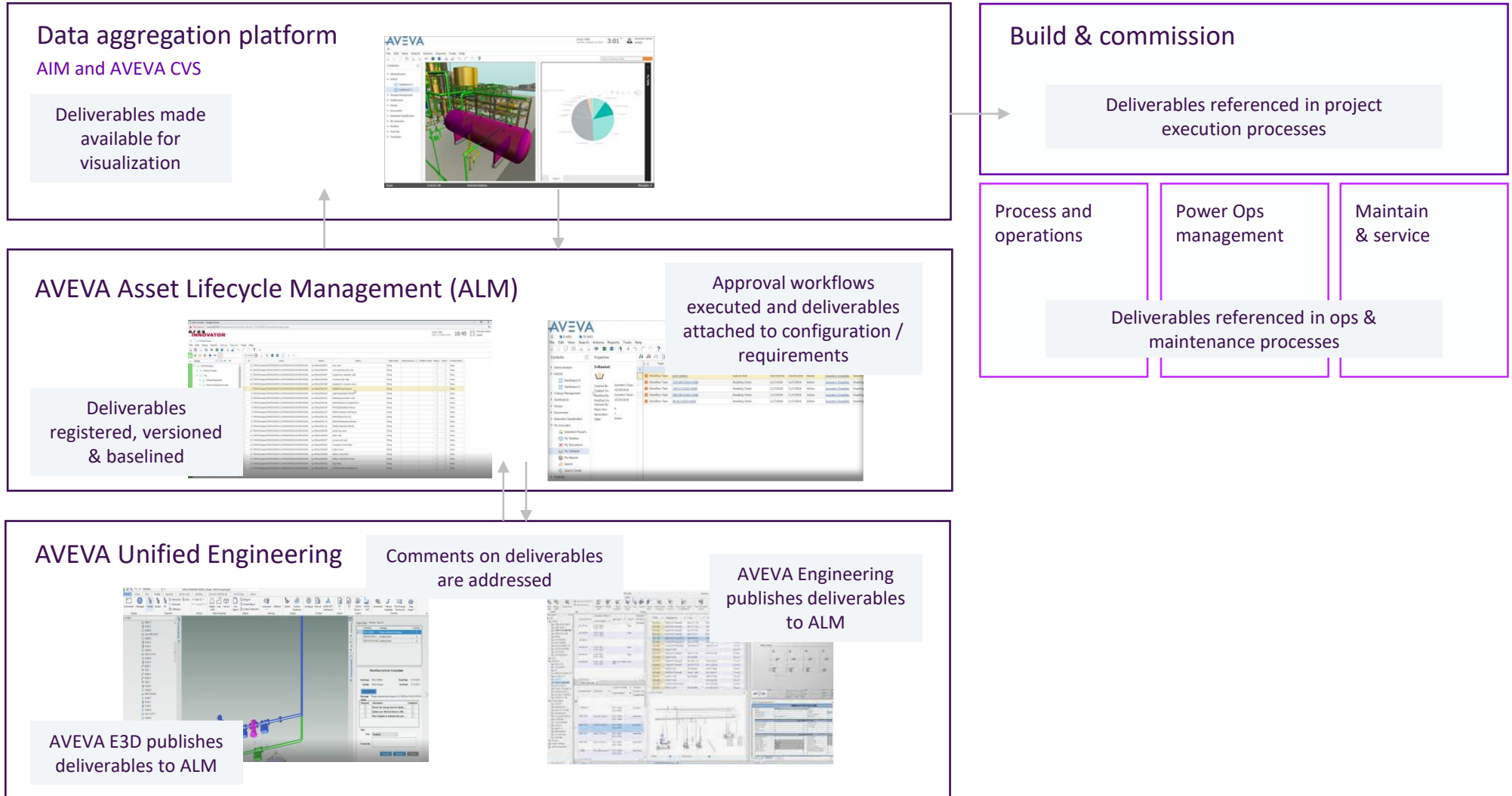
Any Users
View | Decide | Share



Requirements Engineer
/ Program Manager
Analyze | Investigate | Validate



3D Designer
Design | Modify



AVEVA Deliverables Management

Initiating change at the source of the project data

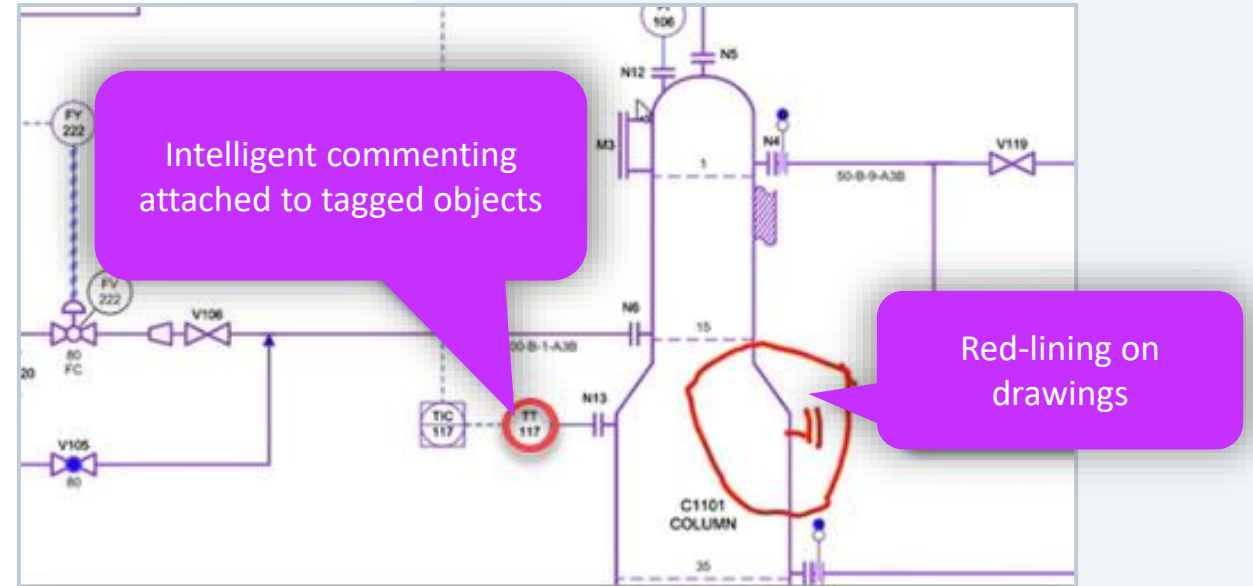
- Capture data-centric project deliverables
- Flexible approval workflows – no need to lock-out a full assembly part number
 - Flexible data model
- Direct access through AVEVA Unified Engineering
 - Integrate with Status Control
- Baseline and version engineering objects, data, schematics and documents

Status	Details Tags (4) Documents (0) Reports History																																																										
● For Verification ☐ Complete Verification ☐ Cancel Verification Action ● Check Out ● Download ● Upload ● Check In ● Validate Working Set ● Download WorkingSet Other ● Transfer	Tags ● Pick Tag(s) from the Tag Hierarchy ● Reserve new Tag(s) ● Partial checkin <table><tr><th>Tag#</th><th>Tag Description</th><th>Fill. %</th><th>State</th><th>Is Used</th><th>Installed</th><th>Action</th><th>Validated</th><th colspan="2"></th></tr><tr><td> i ● 20BSV1240 </td><td>2ND STAGE SEPARATOR</td><td>73</td><td>Checked Out</td><td>☐</td><td>☐</td><td>-- Not Select ▼ </td><td> ✓ </td><td> ✕ </td><td>Remove</td></tr><tr><td> i ● 20BSV1340 </td><td>3RD STAGE SEPARATOR</td><td>72</td><td>Checked Out</td><td>☐</td><td>☐</td><td>-- Not Select ▼ </td><td> ✓ </td><td> ✕ </td><td>Remove</td></tr><tr><td> i ● 20BSV1454 </td><td>ELECTROSTATIC COALESCER</td><td>72</td><td>Checked Out</td><td>☐</td><td>☐</td><td>-- Not Select ▼ </td><td> ✓ </td><td> ✕ </td><td>Remove</td></tr><tr><td> i ● 20PA001 </td><td>NEW MANUAL PUMP</td><td>12</td><td>New</td><td>☒</td><td>☐</td><td>-- Not Select ▼ </td><td> ✓ </td><td> ✕ </td><td>Remove</td></tr></table>									Tag#	Tag Description	Fill. %	State	Is Used	Installed	Action	Validated			i ● 20BSV1240	2ND STAGE SEPARATOR	73	Checked Out	☐	☐	-- Not Select ▼	✓	✕	Remove	i ● 20BSV1340	3RD STAGE SEPARATOR	72	Checked Out	☐	☐	-- Not Select ▼	✓	✕	Remove	i ● 20BSV1454	ELECTROSTATIC COALESCER	72	Checked Out	☐	☐	-- Not Select ▼	✓	✕	Remove	i ● 20PA001	NEW MANUAL PUMP	12	New	☒	☐	-- Not Select ▼	✓	✕	Remove
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AVEVA Deliverables Management

Initiating change at the source of the project data

- Intelligent commenting and markup on objects (basic change control), schematics, and documents
- Accelerates turnaround with rapid feedback loops and real-time discussion threads
- External feedback capability
- APIs provide access to released data for the entire asset lifecycle (commissioning, operations, maintenance, etc.)



What's new in 1.2?

Status Management

For Line Lists, Isometrics and more

Data-centric Transmittals

Moving beyond just documents to a data-centric cross-organisation collaboration

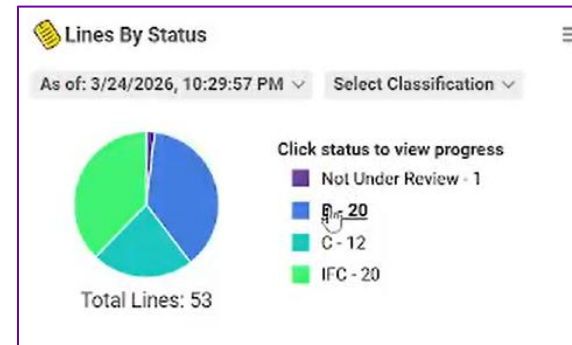
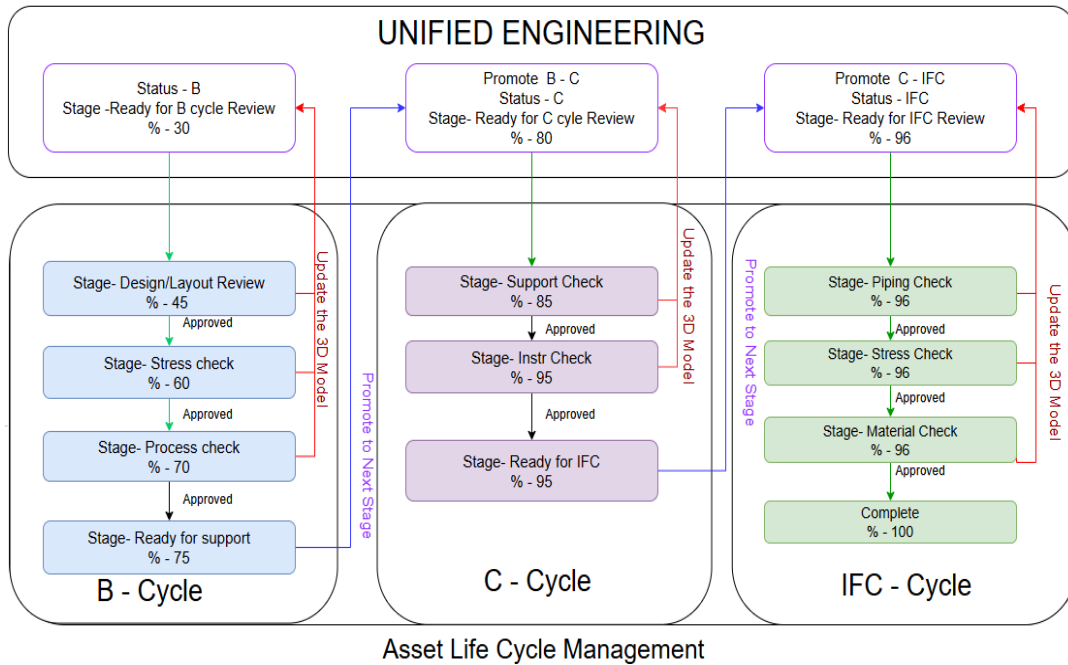
Data validation integration

Embedded, automated, AI data validation

...and many more capabilities



Status management in ALM Server



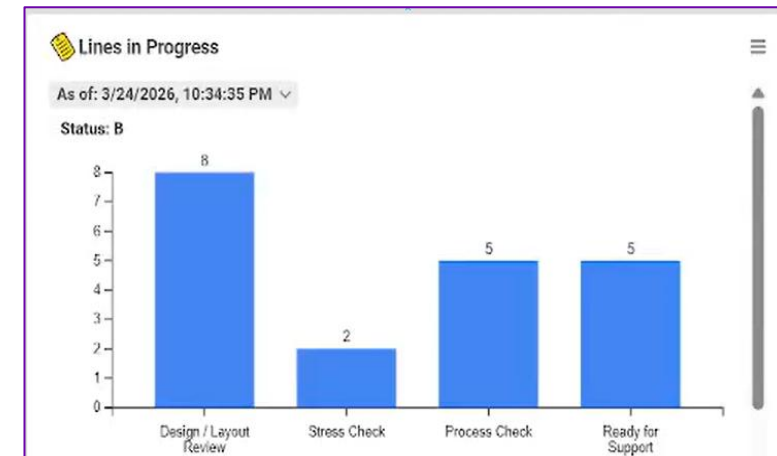
ISO Sheet Table

As of: 3/24/2026, 10:29:57 PM

Status: IFC

Name	Working	Completed
Piping Check	14	21
Stress Check	7	14
Material Check	4	10
Lead Approval	0	10

Total ISO Sheets : 35



Key Features:

- Criticality Flag and Status are published from UE to ALM.
- Status percentage is updated for every line item included in a Check pack
- Pie Chart visuals refresh dynamically based on the latest Status values and percentage distribution
- The ISO Sheet table and Report widget now display dynamic SVG file counts and Working/Completed progress based on the current IFC status of each Tag/Dataset

Trustworthy data, validated at scale

An autonomous AI cloud service that checks data is complete, compliant, and consistent.

01 WHAT IT DOES

One AI engine, three surfaces

Embedded with AVEVA Deliverables
Management

API

Web UI

02 HOW IT WORKS

Rule-driven, format-agnostic

Validates against **internal**, **customer**, and
industry standards (CFIHOS, ISO 15926).
Reads CSV, Excel, JSON, NDJSON.

03 PERFORMANCE

Validation at scale

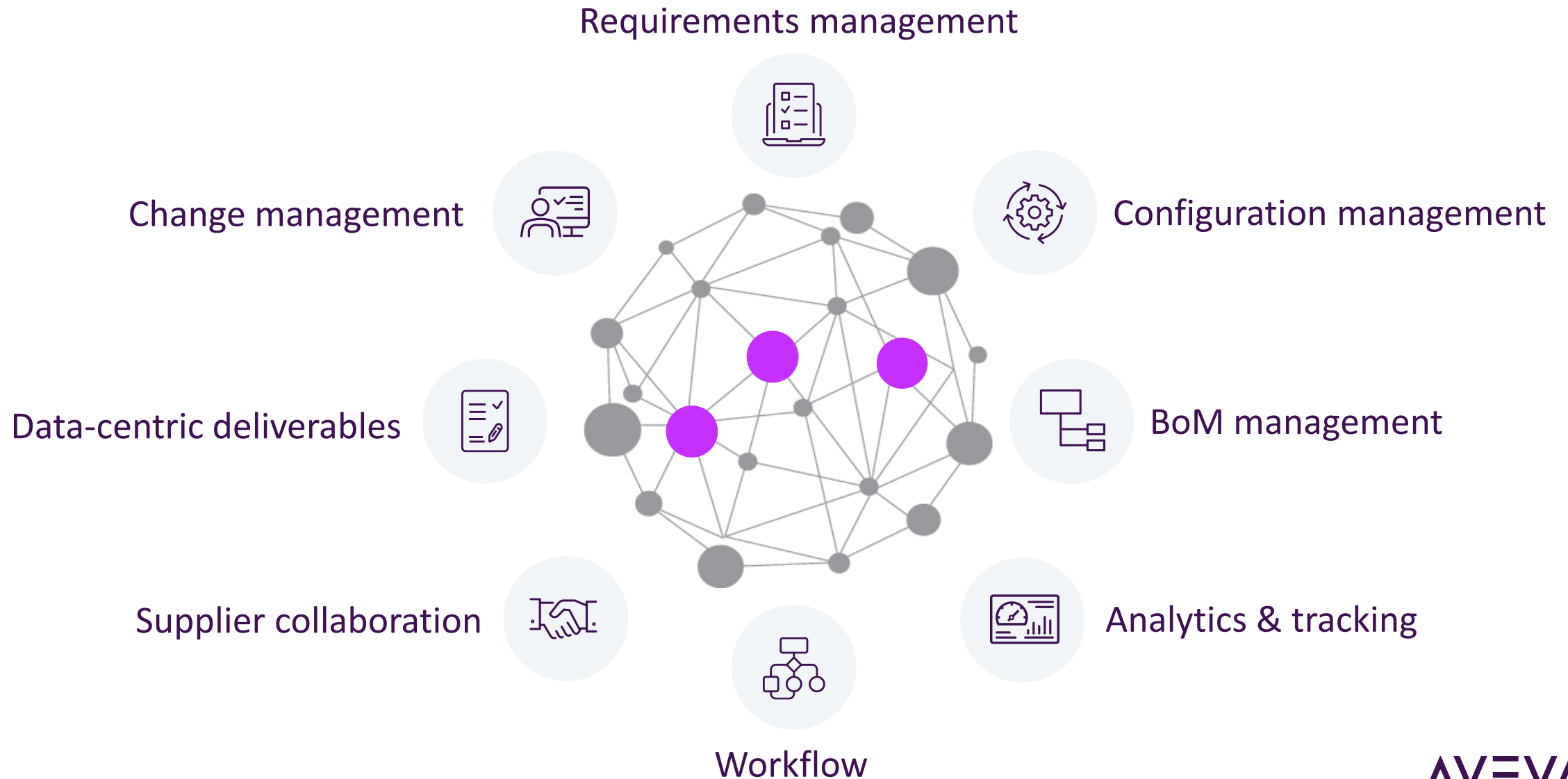
103K assets

validated in 2 minutes

30 seconds

3.7M attributes · 1.07M issues surfaced (benchmarked on a
standard Windows laptop, no special hardware)

Asset lifecycle management



Change without a record

From FEED to operations, change happens every day — handled in email threads, spreadsheets and ad-hoc meetings. No one can prove who approved what, what was impacted, or whether the asset still matches the model.

01

Change tracked in inboxes

Modifications, deviations and field changes get logged in **emails and ad-hoc files** — no audit trail, no clear approval, no system of record when auditors come asking.

02

Impact is guessed, not analysed

One change ripples across CAD, BOMs, tags, P&IDs and schedules. Teams chase the impact across **disconnected tools** — and miss the dependencies until rework hits.

03

Field changes *never* reach the model

Field modifications and operational changes don't flow back into design or the twin. **As-built drifts from as-designed** — the digital twin becomes a guess, not a source of truth.

One change process. Project to operations.

Embedded in AVEVA's Asset Lifecycle Management platform — one structured change process from FEED through operations, with impact analysis across the digital thread and the twin kept in sync with the asset.

01

Controlled workflow for every change

Initiate, review, approve and document every modification through role-based workflows. **Immutable audit trail and version history** — ready for regulators, the change board and the next handover.

02

Impact across the digital thread

Automated impact analysis across **BOMs, CAD, tags, P&IDs, requirements and process** — so dependencies surface before approval, not after rework.

03

The twin stays current with the asset

Changes in execution and operations flow into the digital twin. **As-designed, as-built and as-operated** converge into a single, trusted view of the asset.

Engineering, execution and operations — one change process across the asset lifecycle.

Requirements live in documents — and stay there

Across capital projects, requirements are buried in document management systems with limited integration to the engineering and construction work they drive.

01

Trapped in documents

Inconsistent formats. Manual handoffs. Cross-discipline traceability is **partial — and only ever to documents**, not to the data inside them.

02

Change impact is invisible

MOC bottlenecks delay approvals. Teams can't see how a single requirement change **ripples downstream** to PFDs, P&IDs, and equipment specs.

03

Systems work in silos

Engineering, procurement, and construction each have their own tools. **RM tools don't sync** with the rest of the project — and scope changes get away.

Requirements, in the digital thread

Managed inside AVEVA's Asset Lifecycle Management platform — alongside deliverables, with the structure, traceability, and change-impact analysis projects actually need.

01	02	03
Structured requirements	Live traceability to deliverables	Change-impact analysis

Defined, captured, and managed **as data** from FEED through execution — not as paragraphs locked inside PDFs.

Every requirement linked to **PFDs, P&IDs, equipment specs** , and the deliverables that satisfy it.

See the downstream impact of every change **before you approve it** . Plus version comparison and a complete audit trail.

WHAT
CUSTOMERS
get back

Faster change-impact response
Minutes, not meetings

Audit-ready by default
A complete digital thread

Higher traceability coverage
Every requirement, every phase

Islands of BOMs

In capital projects, every team keeps its own BOM in its own tool. The same parts get entered over and over — and nobody can answer which version is current.

01

Every team keeps its own BOM

Design has CAD's BOM. Procurement has its own list. The shop floor has a printout. The same item, entered **over and over** — and drawings and specs can't follow spreadsheet rows.

02

Designs change faster than BOMs update

Engineering revisions don't reach procurement in time. The shop floor builds from **yesterday's data**. Mismatches cascade into rework.

03

No version is *the* version

Without controlled versioning, every meeting starts by reconciling **whose BOM is right**. The truth gets argued before it gets used.

One BOM. Many views. Always current.

Managed inside AVEVA's Asset Lifecycle Management platform — a structured, shared BOM that evolves with the design and serves every team's purpose, without forking the truth.

01

One master BOM, many views

Each team gets the view they need — **procurement, paint, assembly, by location** — without copying the data or forking the master.

02

Always in sync with the design

When the CAD model changes, the BOM updates. **Version history, comparison,** and change-impact analysis are built in.

03

Connected to procurement and the shop floor

Linked to **3D models** so the shop sees what engineering meant. Linked to procurement so material arrives when production needs it.

Engineering, procurement, and the shop floor — working from the same BOM.

Questions?



Please wait for the microphone.
State your name and company.

Please remember to...

Navigate to this session in the
mobile app to complete the survey.

Thank you!

Exciting, modern &
engaging experience

5 key zones: CONNECT, operate &
optimize, design & build, industrial
sustainability, experiential zone
(hands-on activities)

45+ sponsor and exhibitor booths

CONNECT ecosystem partner kiosk

Partner solution sessions

Lightning Zone sessions

Guided tours by industry

Game and leisure areas



INNOVATION
ZONE

Sessions of Interest

Delivering Smarter, Faster Capital Projects: AVEVA's Integrated Project Execution Roadmap

Suhas Jadhav - AVEVA

Wednesday, May 20 @ 2:00 pm

Room Brown 1 - Level 2

AVEVA Unified Engineering 4.0 deep dive

Timo Toropainen & Brian Hughes - AVEVA

Thursday, May 21 @ 9:00 am

Room Brown 3 - Level 2

Building Your Digital Twin Backbone with AVEVA Asset Information Management: Why It Matters

Sarah Altroff & Antonio Retamero - AVEVA

Thursday, May 21 @ 9:45 am

Room Brown 3 - Level 2



**BREAKOUTS &
ROUNDTABLES**

This presentation may include predictions, estimates, intentions, beliefs and other statements that are or may be construed as being forward-looking. While these forward-looking statements represent our current judgment on what the future holds, they are subject to risks and uncertainties that could result in actual outcomes differing materially from those projected in these statements. No statement contained herein constitutes a commitment by AVEVA to perform any particular action or to deliver any particular product or product features. Readers are cautioned not to place undue reliance on these forward-looking statements, which reflect our opinions only as of the date of this presentation.

The Company shall not be obliged to disclose any revision to these forward-looking statements to reflect events or circumstances occurring after the date on which they are made or to reflect the occurrence of future events.

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ABOUT AVEVA

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.

Learn more at www.aveva.com