How we’re helping engineer a trusted digital twin all over the world

Oskarshamn Nuclear Power Plant
Minimized unplanned reactor outage time, which costs nearly €1 million per day the asset is offline.

K+S Potash Canada
Compiled and standardized data according to ISO 15926 standards and provided a single source of access to data using a distributed infrastructure.

Petroleum Development Oman
5% reduction in time spent searching for information—the equivalent of finding an extra 50 skilled workers at no extra cost to the business.

SCG Chemicals
Reduced information retrieval time to less than 10 seconds. Increased plant reliability to 100%. AVEVA’s suite of engineering information solutions enabled end-to-end visibility and decreased maintenance costs by 40%.

AVEVA's engineering information management solutions drive efficiency, collaboration, and sustainability

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Learn more about engineering a trusted digital twin at aveva.com

Digital twin technology provides tangible benefits to a company’s P&L

<table>
<thead>
<tr>
<th>Benefit</th>
<th>Impact</th>
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<tbody>
<tr>
<td>Revenue growth</td>
<td>1% to 2%</td>
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<tr>
<td>Increased fill rates</td>
<td>5% to 10%</td>
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<tr>
<td>Increased speed-to-market</td>
<td>10% to 30%</td>
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<tr>
<td>Increased on-time delivery</td>
<td>5% to 10%</td>
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<td>Increased working capital</td>
<td>10% to 30%</td>
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<td>Reduced inventory write-off</td>
<td>5% to 10%</td>
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<td>Reduced returns</td>
<td>10% to 20%</td>
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<td>Reduced manual intervention, duplication of efforts</td>
<td>5% to 10%</td>
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<td>Reduced expenses</td>
<td>10% to 20%</td>
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<td>Reduced losses</td>
<td>5% to 10%</td>
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<tr>
<td>Reduced fines from shipment delays</td>
<td>10% to 20%</td>
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Lasting for the entire lifecycle of an asset, digital twin technology gives engineers seamless access to real-time, contextualized information, promoting operational and design efficiency, empowering cross-functional collaborations, and supporting sustainability targets.

• Go from unstructured to structured knowledge management across the enterprise
• Reduce decision time to less than one minute
• Reduce hours-to-completion by 15%, while keeping workers engaged and productive

• Transparent, readily available, and trusted data
• Application, integration, and accessibility

• Increase sustainability goals by saving energy consumption of the existing facilities, increasing return on investment (ROI)
• Collaborate better across engineering disciplines and between engineering, maintenance, and operations teams using the same accurate and contextualized data

• Reduce hours worked by 40% and rework by 5%
• Creation of a digital asset for project delivery and handover

AVEVA Connect

AVEVA 3D Asset Visualization
AVEVA Asset Information Management
AVEVA Information Standards Manager

Engineering a trusted digital twin

Design + Engineering
Operation
Optimization
Management of Change

Unstructured data

Structured data

Connected worker