

PRESS RELEASE

AVEVA Launches First-in-Market Integrated Engineering, Procurement and Construction Software Solutions to Improve Return on Capital Projects

Company to Transform Capital Projects by Integrating Engineering, Project Execution, and Handover to Operations

Singapore, 17 September 2019 – AVEVA, a global leader in engineering and industrial software, today announced the introduction of integrated engineering software designed to help customers transform the way capital projects are engineered, executed and integrated into operations and maintenance.

The integrated portfolio comprises three software solutions. AVEVA Unified Engineering seamlessly integrates process design with front-end engineering and detailed 3D based design. AVEVA Unified Project Execution links and streamlines procurement and construction processes for capital projects. AVEVA Enterprise Learning enables the rapid skilling of operators and engineers using Extended Reality (XR) and simulation tools, to ensure efficient startups and shutdowns, normal operations, and the ability to handle abnormal situations.

“This launch builds on the [recent news](#) describing AVEVA’s capabilities as the first company in the engineering and industrial software market to comprehensively address the end-to-end digital transformation imperatives with an integrated portfolio of solutions that deliver efficiency, unlock value and empower people across the lifecycle of capital assets and operational value chains,” commented Craig Hayman, CEO, AVEVA. “It changes the way that owner operators engage with Engineering, Procurement and Construction (EPC) companies in designing, building, commissioning, and operating their capital assets.”

The functionality provided in these integrated solutions enables the realization of an EPC 4.0 strategy for owner operators, central to digital transformation in the capital-intensive process sectors. This allows collaboration on a global scale, through hybrid cloud architectures and on a common platform. The entire manufacturing process can be traced, tracked, and linked - from engineering and design, through procurement and construction, to handover and to operations and maintenance, as a comprehensive Digital Twin for the capital asset.

“As competition in the business world accelerates the time has come for industrial organization to innovate to facilitate the transition from the manual, document-centric processes, towards a data-driven vision of project design, procurement, and execution in order to increase safety, reduce costs, and minimize delays,” commented Craig Hayman, CEO AVEVA. “With the launch of AVEVA Unified Engineering, a first of its kind solution, we are breaking down the silos between engineering disciplines and enabling our customers to turn conceptual designs into 3D models quickly, accelerating engineering to estimation and ensuring designs can be operated before committing billions of dollars.”

AVEVA

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Transforming Capital Projects to Deliver Safely on Time and Budget

New AVEVA Unified Engineering enables the integration of the process model and plant model lifecycles from concept to detailed design, delivering frictionless collaboration for multi-discipline engineers to collaborate in the cloud. The net result is a minimum 50% improvement in engineering efficiency in FEED and up to 30% in detail design, which can yield a 3% total installed cost improvement. These savings can be re-invested to ensure engineering quality, accuracy, and maturity for downstream project execution business processes.

AVEVA Unified Project Execution solutions integrate with AVEVA Unified Engineering to further break down the silos within Procurement and Construction by combining key disciplines covering Contract Risk Management, Materials and Supply Chain Control, and Construction Management into one cloud based digital project execution environment. AVEVA Unified Project Execution solutions deliver up to 15% reduction in material costs, 10% reduction in field labor costs and reduces unbudgeted supplier change orders by up to 50%, which translates to 10% total installed costs savings opportunities for our customers.

AVEVA's Enterprise Learning solutions combine traditional simulation-based learning with 3D connected learning management solutions. AVEVA's learning solutions extend process models and 3D models from AVEVA Unified Engineering to fast track DCS panel operator training, field operator training, process and maintenance procedural training, and process safety situational awareness training using cloud and Extended Reality (XR) technology to deliver up to 2% Total Installed Cost reduction by improved operations readiness.

"Our Engineering portfolio enhancements will deliver increased agility for our customers, enabling them to reduce cost, risk, and delays, minimizing errors and driving rapid capital project execution. The cost savings are realized by mitigating capital investment risks at the process design stage, cutting engineering man-hours by up to 30% in plant design, reducing material costs in procurement by up to 15% as well as reducing field labor costs in construction by up to 10%," commented Amish Sabharwal, SVP, Engineering Business, AVEVA. "With these new solutions AVEVA is providing integration across all stages of the capital project, from conceptual design to handover, to optimize collaboration and break down silos between both engineering disciplines and project stages."

About AVEVA

AVEVA is a global leader in engineering and industrial software driving digital transformation across the entire asset and operations life cycle of capital-intensive industries. The company's engineering, planning and operations, asset performance, and monitoring and control solutions deliver proven results to over 16,000 customers across the globe. Its customers are supported by the largest industrial software ecosystem, including 4,200 partners and 5,700 certified developers. AVEVA is headquartered in Cambridge, UK, with over 4,400 employees at 80 locations in over 40 countries. For more details visit www.aveva.com.



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