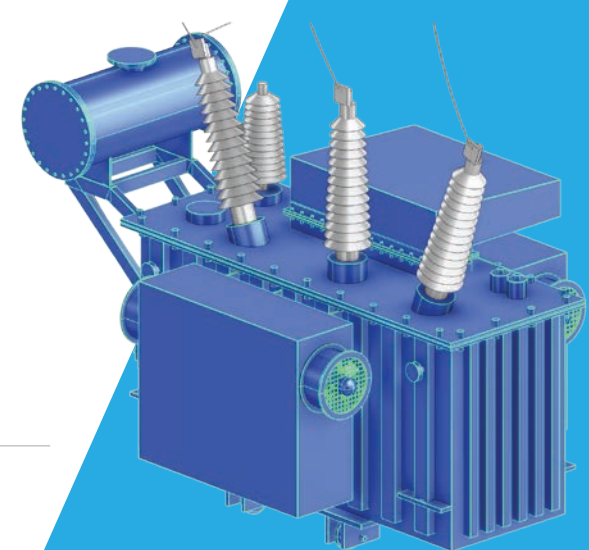
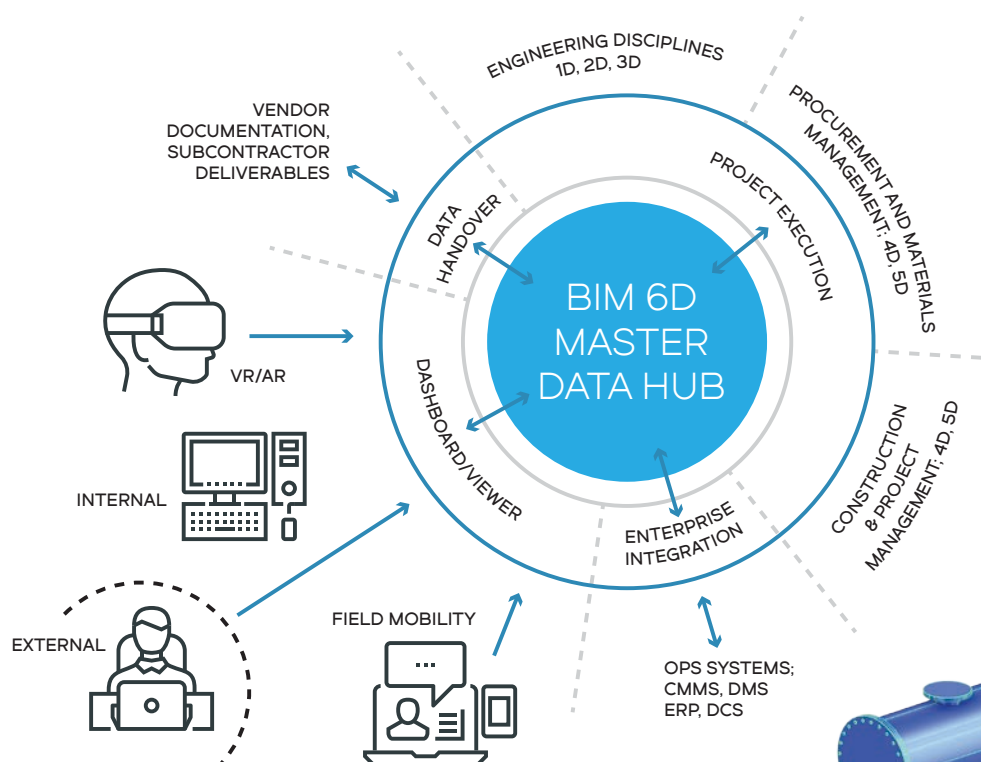


AVEVA SOLUTIONS FOR TRANSMISSION & DISTRIBUTION

AVEVA's solutions for the power and utility industry have been developed over decades of close partnerships with Enterprise customers around the world.

We provide software solutions that enable you to create an intelligent, object centric, 3D station model that integrates Civil, Structural, Electrical and related engineering disciplines for one source of truth.

This can be complimented by our BIM 6D Life Cycle Management module to connect all relevant engineering, maintenance and operational data to equipment within the station to improve data access and increase safety.



INTEGRATED AND PROVEN

3D MULTI-DISCIPLINE LAYOUT

AVEVA Everything3D™ offers best in class productivity and capabilities while retaining seamless compatibility and interoperability with most third-party tools used in the industry. Its work environment fuses together photo-realistic laser scan data with new 3D design elements allowing for rapid clash detection and interference checking. A full catalog of structural steel shapes, cable trays and electrical equipment is readily available for out-of-the-box modeling.

LASER SCANS IN SUBSTATION DESIGN

AVEVA's Laser Scanning module for T&D comes with a best practices guide on how to optimize the subcontracting of scanning. These save project budget, reduces the on-site presence of contractors and makes scanning a commercially viable option to keep the substation BIM model up-to-date.

DIGITAL SUBSTATION DEVELOPMENT

AVEVA Electrical™ provides ease of deployment, advanced graphical user interfaces and use of design rules and catalogs for data creation which enable a more complete system development strategy.

PROTECTION AND CONTROLS

AVEVA Instrumentation™ enables Protection & Controls engineers to quickly execute new and legacy engineering projects and share data while maintaining integrity using single points of entry.



6D INFORMATION LIFE CYCLE MANAGEMENT

AVEVA NET™ unlocks the potential of your digital information by providing a platform to integrate information from multiple sources (ERP, CMMS, Maintenance Management, Drawing and Document Management Systems) which are typically disconnected.

INTERACTIVE OPTIONS INCLUDING AR AND VR

AVEVA is actively working with several partners to deliver both augmented and virtual reality options as ways to interact with a station model and various other asset structures. This is becoming increasingly popular within training and safety departments to deliver virtual walk throughs of a site and eliminate unnecessary hours of exposure.

About AVEVA

AVEVA software and services enable our customers to solve the world's most complex engineering and design challenges. Discover how we can help you redefine engineering possibilities to successfully create and manage world-class capital-intensive assets. Headquartered in Cambridge, England, AVEVA employs more than 1,700 staff in 50 offices around the world.

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