



SERVICES PROFILE

Engineering Data Check for AVEVA™ E3D Design Projects

Engineering Data is at the Heart of Major Capital Projects

AVEVA can provide data integrity and management services to support complex engineering projects using AVEVA E3D Design engineering design tools.

Data Checking Tasks Managed and Completed by AVEVA

Engineering Data Check has been developed to check and highlight data inconsistency, clashes and issues within engineering model data. It utilizes several AVEVA software tools, a library of rules, templates and best-practice implementation.

- Engineering Data Check Setup is available for new and established engineering projects. Starting with an established library of rules, templates, and best-practices, we can also offer custom rule development based on individual requirements for specialist projects.
- Engineering Data Check as a Service is additionally available as an ongoing service. This service includes scheduled data checking, issue reporting and check/accept/recommendation analysis based on customer requirements where applicable.

Value

- Regularly scheduled activity for the detection and awareness of data inconsistencies, clashes and errors
- Significantly reduces inconsistencies and the number of design iterations required to resolve them, saving design time and effort and eliminating many common causes of costly rework in construction
- High confidence from regular Data Check reports showing consistency of the engineering model and data
- Easy and rapid deployment using repeatable and tested scenarios with a library of rules and examples
- AVEVA resources with technical skills and functional knowledge of AVEVA tools including AVEVA E3D Design and in-depth knowledge and varied experience with Clash Manager, Data Check, and Data Consistency

- Scheduled data checking tasks managed and completed by AVEVA and delivered as a service, increasing your project capacity by allowing designers and contractors to focus on design and execution
- Suitable for small projects, sub-contract projects, short-term and quick-start projects, and customers without CAD administrators or the in-house expertise or capacity
- Cost-effective service, available on a fixed-price subscription based on the total size of your project
- Scalable, vendor-provided solution – with availability across extended business hours with 24/7 coverage for global projects – removes the reliance on in-house resources or contract staff.

What's Included

- Engineering project structure review
- Service design or consultancy based on project structure
- Best-practice implementation for all core components
- The configuration of roles, rules, status and clash sets
- Implementation of approval/rejection rules based on your requirements where applicable
- Out-of-hours scheduling – implementation and recommendations
- Configuration of reporting based on your requirements
- Testing and verification using real project data and customer requirements
- Comprehensive data integrity reports listing issues and clashes

Accelerating Your Success!

AVEVA is continually developing and expanding a range of optional success accelerators designed to help you throughout the lifecycle stages of your application.

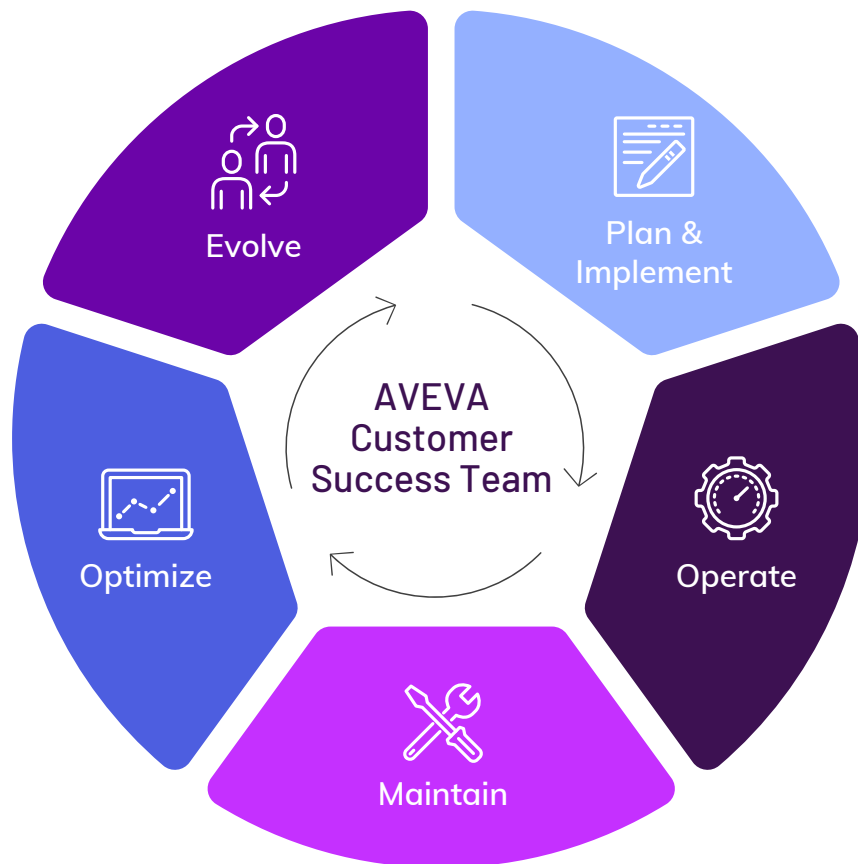
Plan & Implement – Engineer best practices and application architecture and improve time to value

Operate – Effectively run your software with expert training and drive increased engagement and adoption

Maintain – Efficiently maintain your software, including updates, patches, and license management

Optimize – Improve software performance and reliability and drive changes to address new market requirements

Evolve – Drive innovation through the deployment of major version upgrades, adopt new technology, and future-proof your application



To learn more, please contact your AVEVA representative or visit us online. [aveva.com](https://www.aveva.com)