AVEVA

AVEVA™ Steel Fabrication Management on AVEVA Connect

Service Description

Version 1.0

Contents

AVEVA Steel Fabrication Management on AVEVA Connect

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Document Purpose and Audience

Document Purpose

This document describes the functional digital services of AVEVA Steel Fabrication Management on AVEVA Connect, including its key features and limitations, as well as the operational parameters.

This document must be read in conjunction with the AVEVA Connect service description which describes the common services available for all functional digital services on AVEVA Connect. Any additions or exceptions to the common services are described in this document.

This document is neither an agreement, nor is a supporting document to the Product Schedules that outline the service commitment available on *the AVEVA site https://sw.aveva.com*.

Audience

The audience of this document are IT departments and business decision makers who are investigating to leverage AVEVA cloud offers in their own IT landscape.

About AVEVA Steel Fabrication Management

AVEVA Steel Fabrication Management is a web-based native cloud 3D model driven fabrication application. It allows EPCs and their fabricators to collaboratively plan, manage and control the shop floor production.

Key Benefits

- Offers full visibility of the production status digitally (what's been cut, welded, painted, shipped, etc.)

- Gives the management full control over what is happening on the shop floor

- Enables you to manage projects and schedules proactively, achieve better productivity and reduce errors with real time information

- Its Model based production planning provides an effective way to specify work packages to organize fabrication, sequence production, define delivery lots and schedule tasks that are all linked to a 3D model

- Provides the benefits of running paperless schedules and reports for real time control and visibility

- Enhances communication related to design changes to mitigate unnecessary change orders and material wastage for on-time, on-budget delivery

- Enables you to visualize, communicate and share relevant information between EPCs and their fabricators

- Allows you to interact with AVEVA E3D Structural Design for job data and status

- Allows you to exchange data with various software systems and technologies
- Enables you to create NC-DSTV and bar codes to track status

Service Overview

The AVEVA Steel Fabrication Management service eases the workflow of information, such as fabrication status, design changes and others, between the EPC and their steel fabricators in dispersed locations.

Service Limitations

Following are the limitations of the AVEVA Steel Fabrication Management service:

- Hybrid/on-premise deployments of AVEVA Steel Fabrication Management applications and databases are not supported.
- The AVEVA Steel Fabrication Management service is limited to a single cloud region.

Regional Cloud Availability

AVEVA Steel Fabrication Management is accessed via the public Internet using HTTPS/TLS and PCoIP (secure transport mechanisms).

AVEVA Steel Fabrication Management is available from the following public cloud regions:

- Europe
- US West
- US East
- Asia-Pacific (Singapore is the preferred location due to availability of maximum number of other services)
- Canada
- Middle East (availability is only in Bahrain)
- South America (availability is only in Sao Paulo)

Software Requirements

The AVEVA Steel Fabrication Management service is executed through application streaming technology. Therefore, client hardware requirements are minimal. Client software requirements are given below.
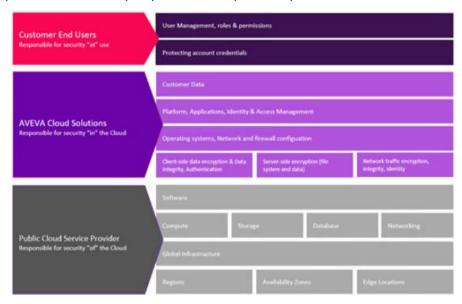
Client Software

Component	Minimum/Recommended
Web browser	Google Chrome

Security Standards and Compliance

AVEVA Steel Fabrication Management leverages a Shared Responsibility Model to clearly define the responsibilities and scope operational responsibility.

With this model as the framework, AVEVA Steel Fabrication Management implements the following to ensure high level of security.

Separation of Environments and Administrative Privileges

Segregation of development and operational activities, and the separation of customer data is ensured by providing isolated, separate cloud environments for different functions. Separate cloud environments are used for development, test and production purposes to provide a high level of isolation.

Cloud infrastructure access for AVEVA administrative and DevOps purposes, is limited to only those individuals needing it for their role, with portal access restricted using multi-factor authentication.

AVEVA development teams have established testing QA/AA processes which include the use of public cloud security, monitoring and analysis tools, checks for compliance to the AVEVA Privacy Policy. Products and components are cloud cleared from a licensing perspective, and security testing to confirm web-application security implementation is aligned with OWASP recommendations.

Administrative Access

To enable the secure management of AVEVA Steel Fabrication Management applications and services, authorized members of the AVEVA Services and Cloud DevOps teams use Microsoft Remote Desktop Protocol (RDP) to access specific cloud server instances. This access is granted to named users via a bastion server which acts as a jump server allowing authorized AVEVA team members (Cloud DevOps team) to establish a second RDP session to jump onto the relevant private subnet server(s) to carry out administration and configuration tasks.

High Availability, Business Continuity, and Data Protection

To ensure high availability, business continuity, and data protection, the AVEVA Steel Fabrication Management service follows the time lines given below.

- **Database Storage**: Aurora with MySQL – A fully managed service from Amazon Web Services.

- **Data Backup**

o Full backups are completed every **30 minutes**.

o Database archive logs for point-in-time recovery are backed up every **30 minutes**.

o All backup data is stored in the same cloud region as the cloud service. All data is replicated across multiple data centers within the same region.

o All backup data is retained for **1 day**. Backups are overwritten every day.

- **Disaster Recovery**

In the event of a service failure, AVEVA initiates a recovery process in accordance with RPO and RTO objectives detailed below.

Cloud Service	Recovery Point Objective (RPO)
AVEVA Steel Fabrication Management	30 minutes from when the disaster is reported.

Cloud Service	Recovery Time Objective (RTO)
AVEVA Steel Fabrication Management	2 hours from when the incident is reported

- **Service Level Agreement (SLA)**

AVEVA Steel Fabrication Management is governed by the Product Schedule SLA available at the *AVEVA SaaS Product Schedule site https://sw.aveva.com/legal/saas-product-schedule*.

Additional Services

AVEVA offers an extensive collection of Customer Success Accelerators, well-defined, outcome-based services that are designed to ensure you realize the maximum benefit from your investment in our software through all the lifecycle stages of your software application.

For more details, visit the *Customer Success Accelerators site https://sw.aveva.com/support/customer-first/success-accelerators*.