



ONESHEET

AVEVA™ System Platform – 2023 R2 what's new

AVEVA System Platform with Operations Management Interface (OMI) is a responsive, scalable solution for supervisory, advanced SCADA, MES, and IIoT applications that contextualizes operations processes across your organization.

AVEVA System Platform provides a collaborative, standards-based foundation that unifies people, processes, and assets across all facilities. It lets you make continuous operational improvements and provide real-time decision support.

What's new

- AVEVA System Platform 2023 R2
 - AVEVA™ Operations Management Interface 2023 R2
 - AVEVA™ Historian 2023 R2
 - AVEVA™ Communication Drivers 2023 R2
 - AVEVA™ System Monitor 1.5

AVEVA

New in AVEVA System Platform and OMI 2023 R2

AVEVA™ Connect sign-on

Integrates with AVEVA Connect when used under an AVEVA™ Operations Control subscription.

New OMI web client

Brings the power of the OMI experience to web, delivering a scalable and efficient browser interface for real-time operations management.

Modernized IDE tree views

Improves tree views in the IDE with search-box and filtering capabilities.

EmbedContent()

Dynamically embeds Industrial graphics within an Industrial graphic in OMI desktop client during runtime.

Internationalized string translation

Supports multilingual functionality through a translatable string.

LATCH alarm state

Offers optional alarm state that requires acknowledged, RTN alarms to be dismissed before disappearing from the screen.

Reduced use of DCOM

Reduces the DCOM footprint and improves overall security with gRPC. Communication paths between platforms no longer depend on DCOM.

Out-of-sequence data handling

Streams out-of-sequence data directly to the historian while maintaining the integrity of the latest data within AVEVA System Platform and OMI.

Automatically configured buffered attributes

Lets users configure a galaxy to automatically enable buffering for all IO attributes.

AVEVA System Platform deployment guide

Explains various considerations and recommended practices for implementing AVEVA System Platform in an online guide.

Security deployment guide

Describes security considerations and recommendations for implementing AVEVA System Platform in an online guide.

Cybersecurity enrichments

New in AVEVA Historian 2023 R2

AVEVA™ Connect sign-on

Offers common, simplified logins across AVEVA Operations Management Interface and AVEVA Historian as well as centralized user authorization through AVEVA Connect.

Multi-lingual tags

Lets you define descriptions and other meta-content in multiple languages and show labels in the language users prefer.

Ad hoc expressions in trend

Lets you create more meaningful trend charts with calculated pens.

Expanded functions

Simplifies results and makes them more valuable with new functions added to ad hoc expressions.

Alarm grid filter/sort

Supports more filtering and sorting options with a browser-based alarm history.

Web-Excel integration

Lets you easily transition from web charts to detailed analysis in Excel.

A new look for web

Offers updated web interface that is more powerful and easier to use.

Export/import web content

Lets you include saved charts in CSV configuration for import/export.

HTTPS-based communications

Increases security of internal AVEVA Historian network communication and easily integrates it with HTTP proxies.

Live data via iData

Lets you view the latest historical values as the “live” values on OMI displays.

New in AVEVA Communication Drivers 2023 R2

OPC UA Methods client

The OPC UA Client in OI-Gateway adds support for OPC UA Methods, which facilitates function calls to objects in an OPC UA Server. Methods are a core capability in the comprehensive OPC UA standard and are used for both simple actions and for exchanging complex payloads such as recipes or production orders.

New in AVEVA System Monitor 1.5

Machine grouping, including nested grouping

Lets you create custom groups for monitoring machines. By grouping machines together and applying rules at the group level, you can apply distinct sets of rules with varying parameters to different machines. The rules are applied to the entire group, and each machine within the group inherits its rules.

Multiple conditions for each rule

Lets you configure multiple conditions for each rule that will trigger new alerts when an unhealthy status is detected. Rules can incorporate combinations and multiple instances of value conditions, ROC conditions, and deviation conditions.

Log-filter based on component and/or text string

Lets you generate alerts when specific strings are detected within specified OCMC logger components.

Multiple instances of each rule

Lets you use rules multiple times.

Configuration of agent is optional in configurator

Lets users disable the AVEVA System Monitor agent in the configurator.

Alert search functionality

Lets you search through alerts inside AVEVA System Monitor.

Support for .NET 6.0 core

Cybersecurity enrichments

To learn more about AVEVA System Platform, visit: aveva.com/en/products/system-platform