



ONESHEET

AVEVA™ InTouch HMI- 2023 R2 what's new

Industry-leading HMI and SCADA

Get more capabilities with the 2023 R2 release

Improvements to AVEVA InTouch HMI allow developers to be more efficient and consistent. Users can now import scalable vector graphics (SVG) created using external off-the-shelf tools and use them as standard AVEVA industrial graphics. You can create thousands of tags in seconds, maximizing efficiency and minimizing errors while connecting OPC UA data sources. This release also allows you to create user-defined types (UDTs) to leverage templated, object-oriented principles to boost engineering efficiency.

AVEVA

What's New in the AVEVA InTouch HMI 2023 R2 release?

UDTs

The latest release supports UDTs, allowing users to create their own data structures to match field equipment/assets. Create and re-use custom data types/structures akin to object-oriented HMI design, providing an organization structure of flat tag names associated to assets, like a pump or valve. This enhancement improves engineering efficiency with a templated approach to tag creation.

- Nesting up to 6 levels
- Export/import allows portability for cross-portfolio interoperability
- Individual UDT instance members can be referenced in industrial graphics symbols, animations and scripts
- Changes in a data type are reflected immediately in the UDT instance
- Modern PLC controller structures supported

SVG support

Users create drawings in third-party packages like Adobe Illustrator and need to use them in AVEVA InTouch HMI applications while animating its components. SVG support reduces HMI development time while eliminating any pixelation due to resizing graphics and improves web application performance. This capability also enables:

- Importing an SVG file as image
- Importing and converting SVGs to AVEVA industrial graphics
- Animating imported SVG objects
- Supported in both WindowViewer and InTouch Web Client

Create AVEVA InTouch HMI tags from OPC UA

Simplify the tag and application development workflow from an OPC UA data source. Select item(s) to drag and drop to new Tag Hierarchy pane while mirroring the OPC UA folder structure.

Alarm latching and alarm dismiss

Optional LATCH Alarm State: Acknowledged alarms require dismissal to disappear from the screen.

Credentials manager

Utility to securely store user credentials for authenticating access to components such as graphics, scripts and controls during runtime. Optionally, enables access to specific standalone and managed InTouch applications to users.

AVEVA InTouch HMI demo license

Extended the number of tags that AVEVA InTouch HMI supports from 32 to 64 while running in demo mode—without requiring a license.

Supports AVEVA™ Connect sign-on

Manage AVEVA InTouch HMI users through AVEVA Connect when using it through an AVEVA™ Operations Control subscription.

To learn more about AVEVA InTouch HMI, visit: aveva.com/en/products/intouch-hmi