Update 6a

Release notes for FrameworX 10.1 Update 6a (version 10.1.6a), an update of the 10.1.6 release.

Update 6a installs on top of 10.1.6, in the same installation folder. Solutions keep running without migration or rework, and every installation on 10.1.6 can move to Update 6a.

FrameworX 10.1 Update 6a

Version: 10.1.6a (Build 3053)
Release Date: October 28, 2026
Type: Update Release

Update 6a adds SPARQL queries to graph databases, BACnet Schedule objects, the Altus ALNET II and SNMP connectors on Linux, and a Value Simulator that produces realistic process data. The web client opens displays faster, and the AI tools report the exact result of every action while keeping changes to running Production solutions under your control.

If you installed an RC version of 10.1.6a, update to this final version.

At a Glance

- **Knowledge graph.** Solutions query graph databases with SPARQL, and imported ontologies carry their relationships, dates and member values.
- **Connectivity.** BACnet Schedule objects and write priority, the Altus ALNET II and SNMP connectors on Linux, and a Value Simulator that produces realistic process data.
- **Web client.** Displays open faster, the Alarm Viewer and data grids stay responsive on large tables, and display code reads tag values on first open.
- **AI tools.** The AI Designer, AI Console and AI Runtime report the exact result of every action, keep the execution profile you chose, and leave changes to running Production solutions under your control.
- **Displays and operator input.** Editable ComboBox, an AssetsTree filtered by UserType, a default Draw editor zoom, and one signature prompt per Slider or drag action.
- **Runtime and redundancy.** Less memory in solutions with many tags, automatic restart on Server.Restart, and a standby that keeps its startup options through solution updates.

What's Included

Main items by area. Complete list: Update 6a - Detailed Release Notes.

Unified Namespace and knowledge graph

- **Solutions query graph databases with SPARQL.**
- **Imported ontologies carry their relationships, dates and member values into the solution.**

Devices and connectors

- **The Value Simulator produces realistic process data.**
- **The BACnet connector reads Schedule objects and individual status flags, and writes at a chosen priority.**
- **The Altus ALNET II connector runs on Windows and Linux, ARM64 included, with no external library.**
- **The SNMP connector runs on Linux and in Linux containers, ARM64 included.**

Web client (HTML5)

- **Displays and symbols open faster.**
- **The Alarm Viewer and the DataGrid stay responsive on large tables.**
- **Data grids edit CheckBox and ComboBox columns, as in the desktop client.**

AI, MCP and automation

- **The AI tools report the exact result of every action.**

- **Changes to a running solution on Production, Validation or Custom profiles stay under your control.**
- **Shorter and accurate tool descriptions leave more of the AI model's context for your work.**

Displays and Symbols

- **Editable ComboBox accepts typed values and keeps its value when you return to a display.**
- **The AssetsTree control filters its tree by UserType.**
- **The Draw editor opens displays at a default zoom you choose.**

Runtime, redundancy and performance

- **Solutions with many tags use less memory, and tag changes are processed faster.**
- **The runtime restarts on Server.Restart and recovers automatically after an unexpected stop.**
- **A redundant standby keeps its startup options through solution updates.**

Behavior Changes to Review

- **Expressions evaluated at run time follow VB.NET rules.** Integer divided by integer gives a fraction (5 / 2 is 2.5), text plus number is a sum (use & to join texts), and And / Or evaluate both sides (use AndAlso / OrElse to stop at the first). Display parameters follow the same rule: V=10 / 4 shows 2.5.
- **Allow Client Tasks controls client tasks in WPF clients.** If your solution uses ClientStartup, ClientShutdown or Client-domain tasks, check that Allow Client Tasks (WPF only) is enabled in Solution Settings.
- **The Value Simulator validates function addresses.** Write function addresses in the documented form, for example SINE with its parameters. Other existing points keep their behavior.
- **Two AI Runtime capabilities are enabled on request.** The switchover tool is offered when the server is started with its option, and the tools for Tatsoft's automated testing are listed when the server starts with /AllowTestTools:true.

Compatibility and Lifecycle

- Update 6a installs on top of 10.1.6. Upgrade steps: Managing Updates and Multiple Versions Reference and Install and Activate.
- Earlier updates: Release Notes. Support phases and end-of-support dates: Product Lifecycle and End of Support.

Security Note

This release contains security corrections and hardening. For per-item detail (affected versions, severity, required action) and the component manifest (CycloneDX) of your version, contact **support@tatsoft.com**.

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