

What's New (10.1.5 draft)



New for 10.1.5 (draft preview). This is a preview of how the parent page will look in FrameworkX 10.1.5 (planned April 2026). The parent page is the current 10.1.4 version. Content under review.

Version 10.1.5 (Current)

Release Date: April 2026

Type: Feature Release

10.1.5 makes the FrameworkX Unified Namespace **industrial-ontology-aware**. Every UserType, Tag, and member-def gains first-class semantic columns (DisplayText, Labels, SourceIri, BaseType, Attributes). Your SCADA / HMI / Historian object model speaks the same vocabulary as the rest of the enterprise: RDF / OWL 2 / SKOS, ISA-88, ISA-95, and the Industrial Ontology Foundry (IOF).

A new Designer wizard imports RDF/OWL files straight into UserTypes and Tags. A new **Export Tags RDF / JSON** format round-trips back to a graph file for GraphDB or diff. A one-click **Relationship Graph** button on the Asset Tree produces shareable Mermaid diagrams. New MCP tools (import_graph_model, export_graph_model, generate_uns_visual) and semantic-search tools on both Designer (search_uns) and Runtime (runtime_search_uns) make the whole pipeline AI-addressable.

Also in 10.1.5: GIS File Tag Importer (GeoJSON / Shapefile / KML), AutoCAD File Tag Importer (DXF / DWG), GIS/CAD Display Generator, and the UpgradeSolution.exe command-line upgrader for legacy 10.1.4 solutions.

See the [Release Notes](#) for the complete change list and the [Industrial Ontology Integration How-to](#) section for tutorials.

Version 10.1.3

AI Integration

Version 10.1

Release Date: Oct 1, 2025

Type: Initial Release

FrameworkX 10.1 is a major Tatsoft's Platform release including new features:

- Complete Architecture Review for **Performance, Security & AI Integration**.
- **New Documentation** site and **solutions templates**
- New **Learning Paths** for fast-onboarding according role: **Control Engineer, IT Specialist, System Integrator** and **Business Leaders**.
- **MCP Server**: Solution level easy creation of MCP Tools. **ML NET Integration**.
- Consolidation Release for all version 10 early previews, corrections and **feature updates**.
- Upgrade path for the FactoryStudio users
- Replace with total compatibility and no upgrades costs v10.0
- **UNS powered-up**: Local Tags, Linked Tags, and Dynamic Tags.
- **EdgeConnect**: Edge UNS & IIoT Platform, autonomous and open. Includes Local UNS, Scripts, Datasets, store-and-forward communication, 70+ drivers, OPC UA server. embedded MQTT Broker, embedded SQLite, local & remote connection to SQL Databases, and MCP server endpoint.
- **DevOps features**: Json configuration files for GIT integration, security Vault to manage secrets (passwords/tokens), performance monitoring page (built-in & customizable).
- **Distributed Systems**: Servers with complementary roles (Field / Users) for reliable & easy implementation of distributed architectures.
 - **DataHub Station**: extends to the field level(I/O, Alarms & Historian).
 - **Displays Portal** - extends to the Operator UI level (Displays & Reports)