VTScada® by Trihedral

Complete **SCADA**.
Nothing to bolt on.

VERSION 12.3

MORE BUILT IN. MORE WAYS TO WORK YOUR WAY.

VTScada Version 12.3 takes Complete SCADA even further, adding powerful new capabilities across reporting, connectivity, data management, visualization, security, development, and performance, all within the **VTScada platform.**

LOWER COMPLEXITY | LOWER OVERHEAD | FASTER DEPLOYMENT | BETTER EVERYDAY EXPERIENCE

REPORT STUDIO

- Create professional operational reports with a built-in drag-and-drop reporting environment.
- Automate report generation and distribution without external reporting software or custom code.
- Turn alarm, historian, production, compliance, and KPI data into clear, shareable insights.
- Use Report tags and reporting workflows as part of the native VTScada platform.

OPC UA SERVER

- Expose VTScada operational data securely through a built-in, standards-based OPC UA Server.
- Connect enterprise systems, cloud platforms, reporting tools, and external applications without separate gateways.
- Reduce integration layers while keeping connectivity inside the VTScada security and administration model.

IEC 61850 CONNECTIVITY

- Connect directly to IEC 61850-enabled substation devices using a native VTScada driver.
- Simplify power automation integration, reduce infrastructure costs, and accelerate deployment.

HISTORIAN IMPROVEMENTS

- Spread historian storage across multiple drives for greater capacity and flexibility.
- Apply configurable compression to use up to 40% less disk space while preserving trend fidelity.
- Identify high-volume tags and bad actors that are inflating storage, then correct them at the source.
- Make archived data instantly accessible for faster analysis and fewer retrieval steps.
- Keep the zero-configuration historian built in - no third-party database, separate license, or DBA required.

USER INTERFACE & NAVIGATION

- Work with a redesigned Application Manager, title bar, and task bar.
- Find pages faster with a searchable page menu.
- Customize buttons, entry widgets, and drop lists with themeable borders, text, backgrounds, and highlights.
- Scale title bars, task bars, controls, and page menus for larger displays.
- Build larger, more flexible pages with vertical scrolling and smart resizing.











One platform. Every essential layer.

Drivers, historian, alarming, redundancy, and just about everything else. Standard.

PERFORMANCE & RELIABILITY

- Faster shutdowns for systems running multiple applications.
- Improved toolbar rendering for a smoother operator experience.
- Better tag search and navigation across large applications.
- General performance, stability, and maintainability improvements.

COMMUNICATIONS

- Publish data using a new HTTP publishing method.
- Now you can send SMS alarm notifications through supported Semtech AirLink routers.
- Use native OPC UA and IEC 61850 capabilities to connect more systems with fewer external components.

SECURITY & LICENSING

- Create realm-specific page menus so users see navigation aligned with their access.
- Use trusted Windows domain authentication to simplify secure sign-in.
- Simplified activation for new licenses.
- Improve multi-user security administration and access control.
- Reduce security management effort while maintaining strong operational control.

OPERATIONS & EFFICIENCY

- Reduce historian storage requirements while retaining data fidelity.
- Improve visibility into the tags that generate excess data.
- Simplify utility and enterprise integration through built-in connectivity.
- Accelerate deployment, maintenance, and troubleshooting.
- Lower the number of third-party tools, databases, gateways, and custom integrations to manage.

DEVELOPER FEATURES

- Jump from Test Framework failures immediately into the debugger.
- Better vector graphic (SVG) support.
- Apply comma formatting to numeric values.
- Support Unicode text in messaging workflows.
- Use expanded tools that reduce friction when building, testing, and refining applications.

BUSINESS VALUE

- Lower infrastructure and administration overhead.
- Strengthen cybersecurity with fewer layers and a unified security model.
- Give operators more intuitive navigation.
- Give developers better testing, formatting, graphics, and messaging tools.
- Deliver reporting, historian, connectivity, security, and visualization capabilities as one platform.

NO PATCHWORK OF THIRD-PARTY TOOLS. NO UNNECESSARY LAYERS. NO BOLTED ON COMPLEXITY.

VTScada®

COMPLETE **SCADA**. NOTHING TO BOLT ON.

Explore VTScada 12.3 and see how more built-in capability means less complexity.

LEARN MORE AT VTSCADA.COM