Reliance

Industrial SCADA/HMI system

Visualize Your World!

Why Reliance 5 SCADA?

Are you looking for a reliable SCADA system that, thanks to its modularity, allows you to display visualization projects at operator workstations, in a Web browser, on a tablet or smartphone? A system that is secure, supports redundancy, and provides enough performance even for large-scale applications?

Then Reliance is the right choice.

Basic Characteristics

- ✓ More than **25 years** in the SCADA market
- ✓ Worldwide distributor network
- ✓ Tens of thousands of installations across **5 continents**
- ✓ The largest application has more than **5 million data points**
- ✓ Perpetual licenses with no fees
- ✓ Free upgrades within the same major version

Key Advantages

- Communication flexibility
- Intuitive development environment
- Rapid and user-friendly application creation
- No need to program basic functions
- Visualization for PCs, Web, tablets, and smartphones
- Server and client redundancy
- Excellent technical support
- Fair and transparent pricing policy

Communication

- More than 40 communication drivers
- OPC DA client included free in every module
- OPC UA client for connecting to OPC UA servers
- OPC UA & DA server for sharing data with other systems
- SMS messages and emails
- REST API and other interfaces for external systems

Important Features

- Modular, scalable system
- Library of 2D and 3D graphic objects
- Support for raster and vector SVG images
- Window templates and data structures
- Logging data to SQL databases or local tables
- Data visualization using trends and reports
- IP camera integration
- Multilingual applications
- Integrated error diagnostics
- VBScript programming capability
- Permissions system
- Postmort – a function for recording and replaying the monitored process
- Redundancy

Security

- Protection of created applications through encryption
- Communication secured with strong encryption and hashing algorithms
- Various user identity verification options (Active Directory, AD FS...)
- Two-factor authentication (2FA)
- User management and a system of permissions and roles
- Sending log records to Syslog servers for SIEM monitoring
- Built-in security audit functionality

System Structure

Development Environment

The **Reliance Design** development environment is intended for creating and editing applications.

Runtime Software

The **Reliance Control**, **Reliance View**, **Reliance Server**, and **Reliance Control Server** runtime modules are designed to run a visualization project on the end user's computer.

Thin Clients

Reliance's thin clients – **Smart Client** and **Web Client** – provide visualization to remote users via the Internet.

Communication Drivers

Communication drivers are designed to transmit data between devices (e.g., PLCs) and the Reliance SCADA system.

Scope of Use

The scope of the Reliance SCADA system ranges from visualizing single-purpose machines and intelligent buildings to monitoring multinational production plants or extensive gas and water distribution networks.

Application Areas

Tens of thousands of installations for:

- Gas industry
- Oil terminals
- Chemical production
- Intelligent buildings
- HVAC systems
- Photovoltaic power plants
- Battery storage systems
- Coal-fired and hydroelectric power stations
- Wastewater treatment plants
- Drinking water treatment plants
- Malt houses and breweries
- Meat processing and food production
- Traffic control systems
- Production lines
- And many other sectors...

Major Customers

- Toyota
- Panasonic
- Mondelēz International
- Marriott Hotels & Resorts
- Coca-Cola
- Tesco
- Pirelli
- Bosch
- Veolia
- Chiquita

GEOVAP

Cechovo nabrezi 1790

530 03 Pardubice

Czechia

+420 466 024 618

info@reliance-scada.com

sales@reliance-scada.com

www.reliance-scada.com