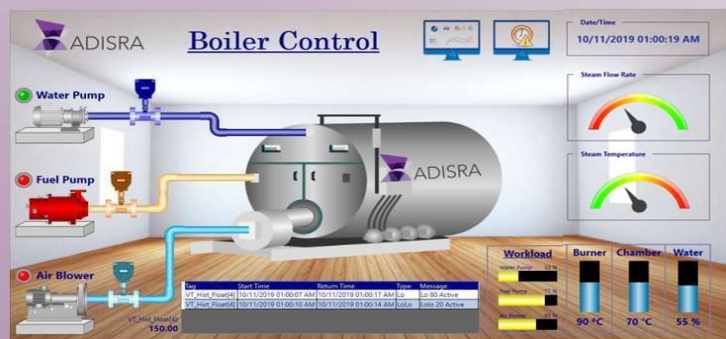
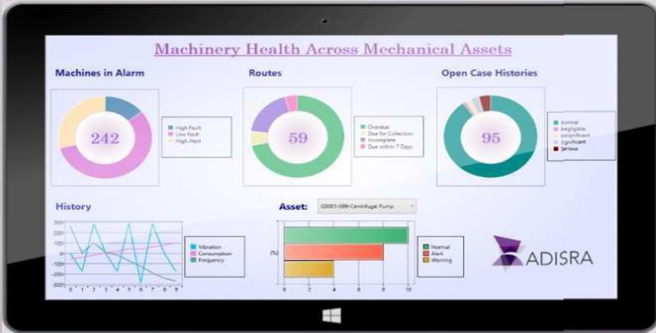


All you need is ADISRA SmartView and a vision for your business

ADISRA SmartView is a powerful software for developing Human Machine Interface (HMI), Supervisory Control and Data Acquisition (SCADA), Overall Equipment Efficiency (OEE), and Industrial Internet of Things (IIoT) applications



Save Time

All aspects of industrial automation are digitizing. ADISRA SmartView provides a simple, easy-to-use development environment for creating, testing, and connecting HMI, SCADA, OEE, and IIoT applications to your processes and to the Internet.

Save Money

Develop once and deploy on headless devices. Whether it is machine-oriented visualization, powerful SCADA applications, Plant Intelligence, or more, your imagination is the only limitation.

Comprehensive Software Portfolio

Display and access real-time, dynamic, and animated graphic screens, charts, trends, recipes, and reports on desktops, industrial panels, web browsers, and edge devices.

Features Overview

- Integrated development environment with all the features to build HMI, SCADA, OEE, and IIoT applications.
- Powerful visualization tools that include thousands of built-in symbols from Software Toolbox's Symbol Factory.
- ADISRA SmartView enables you to collect data from multiple systems, aggregate and analyze it, apply rule-based analytics, and effectively visualize the results.
- Seamless connectivity with devices using the most popular industrial protocols and standards-based protocols such as MQTT, SNMP, and OPC UA.
- Easy deployment to HMI panels, control rooms, edge devices, cloud platforms, virtualized servers, web browsers, and mobile devices.

ADISRA SmartView V4.1 Features

Alarms	Create, edit, and configure online, as well as historical alarms.
Animation	Effortlessly configure graphics, rotate and reposition elements dynamically, fill bar graphs with color, resize objects, adjust their scale, and insert commands, hyperlinks, or text data links within any object.
Communications	Easy-to-configure and industry-standard OPC UA client and Server.
Run-Time Configuration Without Development Environment	It enables you to configure alarms, trends, graphics, tags, drivers, database connectivity, and more, all at run-time. This flexibility allows you to build dynamic applications that end-users can easily customize to meet their needs.
Database	It includes a built-in internal tags database supporting Boolean, Integer, Float, String, Date/Time, and custom DataTypes (classes). It also supports multidimensional and dynamic tags. Additionally, ADISRA SmartView can connect to any external SQL database, such as MySQL, MS SQL, Oracle, or OSIsoft Pi Historian, and can store data on cloud platforms like Amazon Web Services and Microsoft Azure.
Drivers	It contains built-in drivers for Siemens, General Electric, Modbus, Rockwell Automation/Allen-Bradley, SNMP, BACnet, and MQTT.
Events	Events offer operators traceability by logging command initiations and tracking internal system activities. They can also record any changes in tag values, including security system modifications and screen transitions.
FDA CFR Part 11	It provides the necessary features for users to develop applications that comply with FDA CFR Part 11.
Graphics and Design Tools	Create visually powerful screens to meet any application requirements. Built-in graphics and design tools for basic objects (bitmap, label, buttons, combo boxes, checkboxes, etc.), geometric objects (ellipse, polyline, rectangle, etc.), interface objects (group box, tabs, menus, etc.), advanced objects (.Net Controls, Combobox, multi-tag viewer, Listbox, DataGrid, etc.) charts (bar, scatter, line, pie, etc.), and a built-in symbol library with over 4,000 symbols.
Dynamic Language Switching	Seamless transition from one foreign language to another while the application during run-time.
Linux Run-time Support	Seamless deployment of ADISRA SmartView applications on various Linux platforms, including Linux Mint, Ubuntu Desktop, CentOS Desktop, Debian, CentOS Server, Ubuntu Server, and Alpine.
.NET	Incorporate third-party .NET controls to enhance your applications within screens, web browsers, media players, vision systems, or other tools that support .NET interface standards.
Recipes	Recipes are a list of operations, such as automated parts parameters or production qualities that can be triggered by events. Users can load and save recipes in text or XML format. In addition, the "Smart" recipe type allows users to load and save values within a text document or form. Autofill can load values into a document or form dynamically.
Redundancy	For critical applications where data is essential, ADISRA SmartView offers built-in redundancy. In the event of a failover, the client is seamlessly redirected to a new server, ensuring a transparent experience for users.
Remote Client & Web Client	Visualize applications locally, remotely, and in HTML5 browsers such as Chrome, Edge, Firefox, Internet Explorer, and Opera.
Reports	Create, edit, configure, and save reports in PDF, DOCx, HTML, RTF, TXT, and XPS formats. Reports can include charts, tables, tag values, and other format settings.
Rule-based System	Integrated rule-based system that enhances industrial applications with advanced intelligence. This framework leverages if-then rules to perform various functions, such as offering decision support and enabling predictive decision-making in practical applications.
Scheduler	Schedule custom tag changes (or run scripts and expressions) on a specific date/time, repeat on a specific period, interval, or frequency, or when a tag is triggered (or in a certain condition). You can set schedules to publish reports at a specific time or start a recipe when a tag is triggered.
Scripting	Write C# scripts that run as a function or are triggered by conditions or tags. Using standard C# language, you can use widely available resources and incorporate them into your SCADA, HMI, OEE, or IIoT applications.
Security System	ADISRA SmartView employs Role-Based Access Control (RBAC) to restrict user access based on their organizational roles. Additionally, project passwords can be used to safeguard the intellectual property of your applications, preventing unauthorized viewing or editing. It also seamlessly integrates with LDAP, such as Microsoft Active Directory, for enhanced security and user management.
SNMP	Simple Network Management Protocol (SNMP) is a standard for querying and monitoring the hardware and software on a network. With ADISRA SmartView, you can develop IIoT applications to monitor the health of devices on the network. The SNMP driver also allows applications to be integrated with the most popular IT operation software, such as HP OpenView, IBM Tivoli, and CA Unicenter.
Standards	ADISRA SmartView adheres to common industry standards, such as HTML5, .NET, OPC, SQL, XML, and SNMP.
Templates	Create reusable and portable objects that can be shared across different projects. Changes can be made in one central location, similar to how web components function.
Troubleshooting	Create ADISRA SmartView provides simple debugging tools for easy troubleshooting. For example, the engineering log displays messages from the engineering environment, such as problems when saving an application or setting fields in the application. A runtime log provides messages generated during project execution. Messages may be errors or warnings. The Search field helps you find tag results in your application.

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