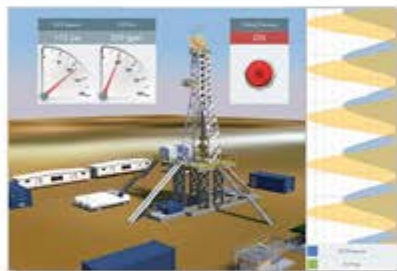


# InduSoft Web Studio 8.1 + SP2



## NEW in InduSoft Web Studio® 8.1 + SP2:





 Remote Support tool adds Team Viewer-like remote capabilities without third party applications


 Cybersecurity enhancements including previously released hotfixes



 PanelMate Import Wizard control improvements

 Rotate Linked Pictures (Development Environment)

 New built-in Exec() function compatible with IoTView on Linux

 Improved screen switch performance on SMA Thin Clients (HTML5)



 Native Thin Client Apps for Android and iOS

Development Software	Runtime Software	Tags	SCADA/HMI for Desktop/Server
IND-UNL00-DEV	IND-UNL00-RT	512,000	Advanced Server for Windows
IND-32520-DEV	IND-32520-RT	32,000	Control Room Lite for small to mid-sized applications
IND-40520-DEV	IND-40520-RT	4,000	Operator Workstation Windows
IND-15520-DEV	IND-920NT-RT	1,500	Local Interface for Windows
	IND-15002NT-RT	150	Lite Interface for Windows
IND-USB-HK	IND-USB-HK-RT		Optional USB Hard Key

*Runtime licenses support 1 Thin Client (any type supported by the runtime) and support for additional Thin Clients may be added.*

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<b>Alarms</b>	Send online alarms or reports using multi-media formats like .PDF. Alarms are real-time and historical; log data in binary format or to any database. Use remote notification to send alarms right to your inbox, printer, or smartphone. Customize 10 additional fields.
<b>Animation</b>	Paste images, rotate dynamically. Fill bar graphs with color, or adjust the scale of objects with easy-to-use configuration. Other animations include "command" (for touch, keyboard, and mouse interaction), hyperlink, text data link, color, resize, transparency, and position.
<b>Business Intelligence</b>	Transform raw data into meaningful information. Design custom dashboards in minutes with the InduSoft Web Studio Business Intelligence Dashboard Template.
<b>Collaboration</b>	Collaborative Solution and ALM (Application Lifecycle Management): Compare any configuration file or merge changes from multiple developers. Include support for versioning and source control, and interaction through Microsoft's Team Foundation Server, allowing Application Lifecycle Management on location or on the cloud.
<b>CEView</b>	Complete supervisory control, process monitoring and operator interface software for the Windows CE and Mobile operating system platform. CEView has a small footprint specifically designed for Windows CE operating systems, now known as Windows Embedded Compact.
<b>Database</b>	Connect to any SQL database (Microsoft SQL, MySQL, Sybase, Oracle) or Microsoft Access or Excel and ERP/MES systems (including SAP), even from Windows Embedded Compact Edition. Does not require knowledge of SQL!
<b>Drivers</b>	260 native communication drivers for PLCs, temperature controllers, motion controllers, bar code/2D/RFID readers, etc. Use native drivers, connect to OPC server, or use InduSoft driver toolkits to build your own. Save time with comprehensive tag integration for PLCs from MQTT and other robots.
<b>Email</b>	Send email (with attachments) or text messages that can be accessed from mobile devices. Get real-time information on alarms, process values, and other events. Full runtime supports SSL encryption.
<b>EmbeddedView</b>	Offers a small footprint, comprehensive SCADA and HMI software specifically designed for Microsoft Embedded platforms.
<b>Events</b>	Ensure traceability for operator initiated actions or internal system activities. Log events such as security system changes (user login or off), screen open/close, recipe/report operations, system warnings, and any tag value changes, inc custom messages.
<b>FDA Traceability</b>	Take advantage of built-in functionality to create 21 CFR part 11 compliant projects with traceability and e-signatures.
<b>FTP</b>	Automatically upload or download files during runtime to/from remote storage locations using FTP protocol and flexible scripting functions. Configure FTP via scripation or the included interface.
<b>Graphics &amp; Design Tools</b>	Create screens to meet any application requirement using the tools in our graphic interface. Combine over 1,000 animated objects to create any functionality required. Store graphics in the library for future use - consistent "look and feel".
<b>Historian</b>	InduSoft has optimized the trend history, featuring data decimation designed to load millions of values from SQL Relational DBs. Easy to use tools provide quick access to Statistical Process Control (SPC) values without the need for programming.
<b>IoTView</b>	Is a platform agnostic core runtime for Linux, VxWorks, and other embedded platforms. Make intelligent embedded systems and add your machines to the Internet of Things. It now supports the Math task and DB/ERP built-in functions.
<b>Import Wizards</b>	Convert whole applications from Allen Bradley FactoryTalk ME/SE, PanelMate, or PanelBuilder32.
<b>Intellectual Property Protection</b>	Screens, documents, scripts, and worksheets can be individually password protected - Protect entire project.
<b>JavaScript Custom Widgets</b>	Custom Widgets integrate 3rd party, reusable JavaScript, HTML5, and CSS interface properties and events to expand and enhance the graphical interface.
<b>Multi-Language</b>	Develop in one language and use translation tools to switch the runtime to any language - automatic font replacement.
<b>Multi-touch interface</b>	Develop applications for touch screen devices. Pinch zooming and panning. Scroll through alarms using swiping gestures; Rotate graphics, dock screens, swipe gestures to change screens, etc.
<b>.Net and ActiveX</b>	Add functionality such as browsers, media players, charting, live streaming video from cameras.
<b>OPC</b>	OPC UA (client/server), OPC DA (client/server), OPC XML (client), OPC-Net (client), and OPC HDA (server) OPC UA and OPC DA also offers native redundancy configuration.
<b>PDF Export</b>	Send alarms, reports, or any file to a production supervisor, QC manager, or maintenance staff using included PDF writer.
<b>Recipes</b>	Save time and maintain consistency by automating part parameters or production quantities with flexible recipe tools. Options including loading directly to PLC or edit before committing to PLC.
<b>Redundancy</b>	For critical applications where data is vital, InduSoft Web Studio supports web server, database, and overall redundancy to protect your information.
<b>Remote Support</b>	Offer Support as a Service or quickly troubleshoot and modify client applications with the built-in remote support tool, which adds Team Viewer-like support capabilities to InduSoft Web Studio.
<b>Reports</b>	Create clear, concise reports in plain text, RTF, XML, PDF, HTML, and CSV or integrate with MS Office Excel. For more elaborate reports, use the Dream Report through Ocean Data Systems which partnered with InduSoft Web Studio.
<b>Scalable</b>	Use the same development environment to design and deploy projects to a wide range of platforms, such as Linux, VxWorks, Windows Embedded, Windows 7, Windows 8, Windows 10, Server 2012, and Server 2016 editions.
<b>Scheduler</b>	Schedule application behavior triggered by tag changes, date/time, frequency, or any trigger. Use this for simulation, to trigger reports or other functionality at a particular time of day, or even trigger driver worksheets to read/write at a scan rate you choose.
<b>Scripting</b>	(2) scripting languages supported - built-in InduSoft Functions & VBScript - can be used simultaneously. Script debugging tools for the native VBScript editor include break points, and a variable watch list to improve productivity.
<b>Security</b>	Support for group and user accounts, e-signatures, and traceability. Integrate your project to the Active Directory (Users and Groups).
<b>Standards</b>	Develop applications that are compatible with TCP/IP, .Net, ActiveX, OPC, ADO/ODBC, COM/DCOM, OLE, DDE, XML, SOAP, HTML5.
<b>Studio Mobile Access</b>	A multiple document interface for this thin client allows you to access your graphical interface from any device with a browser that supports HTML5, such as iPads, iPhones, Android devices, Windows devices, and others. Support for native objects.
<b>Symbols</b>	Push Buttons, Pilot Lights, Tanks, Sliders, Meters, Motors, Pipes, Valves, and other common objects - Create your own!
<b>Templates and Add-ONS</b>	InduSoft Web Studio has several plug and play templates available: Andon, OEE, PackML, and Business Intelligence dashboards.
<b>Tag Database</b>	Object oriented database with Boolean, integer, real, strings, arrays, classes (structures), indirect tags and included system tags. Allows you to create, delete, or modify the tags' database settings during the runtime.
<b>Trends</b>	Real-time and Historical trends, and SPC functionality are supported. Log data in binary format, or to any local or remote SQL database and optionally to Wonderware Historian. Color or fill trends with graphic elements to enhance clarity of data. Date/Time based or numeric (XY plot) trends give you the flexibility to display information that best suits your application. Also supports vertical and horizontal trending!
<b>Troubleshooting</b>	Debug/Verify projects using local and remote tools - status fields, DatabaseSpy and LogWin Capture screen open and close times, see communications in real-time, messages related to OPC, recipes/reports, security, database errors and even custom messages.
<b>XML Screen Toolkit</b>	Modify or create screens during the runtime, or import screens that you've created.