

InduSoft Web Studio™ v7.0

Powerful HMI, SCADA and OEE/Dashboard Development Software designed for deployment anywhere



NEW in InduSoft Web Studio v7.0 :

- User Interface:** Our ribbon interface features logical tool/object grouping, and the ability to open multiple documents simultaneously. The interface is so easy and intuitive it's called the Rapid Application Configuration Environment (RACE).
- Security System:** Native support for distributed security systems, and full integration with Microsoft Active Directory via LDAP allows you to take advantage of built-in security. IWS also supports users assigned to multiple groups.
- Graphic Enhancements:** New 3D style buttons, embedded icons on buttons and convenient "Command" access give IWS a strong graphic interface. A new feature supports dynamic rotation for external imported pictures.
- Drivers:** IWS 7.0 contains over 240 built-in drivers for most PLCs, temperature controllers, motion controllers, and bar code/2D/RFID readers. New or updated drivers for Eaton ELC, Siemens, Opto 22, CAN, CANopen, and BACnet have also been developed.
- OPC:** Continuing its tradition of OPC classic support, IWSv7.0 supports OPC UA (Client) and OPC Xi (Client).
- Multi-language:** New One-click online translation, including support for Unicode fonts for global compatibility.
- Configuration tools:** New easy to use configuration interfaces for FTP, and SMTP email. Send alerts straight to e-mail or a smartphone!
- Embedded License:** Now there is a reduced footprint full feature version specifically for Windows Embedded operating system deployments.
- Intellectual Property Protection:** Every document, scripts and even math worksheets can be individually password protected. This prevents unauthorized viewing or editing of your corporate custom functionality.
- Save Screen Shots Dynamically:** IWS v7.0 supports five different image formats to use in documentation, reports, historical status, or attach to emails.



2007
ENGINEERS'
CHOICE
AWARDS



InduSoft Web Studio v7.0 Features

Alarms: In addition to all the alarm functions you'd expect, IWS v7.0 can also send alarms using multi-media formats like PDF. Use remote notification to have alarms sent right to your inbox, a printer, or a smartphone! Alarms are real-time and historical, log in binary format or any database.

Animation: IWS gives you great command over graphics. Import Bitmap images, and even rotate them dynamically. Fill bar graphs with color, or adjust the scale of objects with one click.

Audio: Play .wav files for alarm annunciation or any desired event.

Built on Standards: Take advantage of common industry standards to develop applications that are compatible with any format. TCP/IP, .Net, ActiveX, OPC (client and server), ADO/ODBC, COM/DCOM, OLE, DDE, XML, SOAP, and HTML are supported.

Database: Connect to any SQL database (MS SQL, MySQL, Sybase, Oracle), or MS Access or Excel, and ERP/MES systems (including SAP), even from Windows Embedded CE.

Email: Send email using SMTP to desktop, email enabled phone, or any enabled device. Get real-time information on alarms, process values, and other events.

Events: IWS v7.0 offers tracability for operator initiated actions or internal system activity.

FDA CFR: Take advantage of built-in functionality to create a 21 CFR part 11 compliant project with tracability, and e-signatures.

FTP: Automatically upload or download files to remote storage locations using the new FTP configuration interface.

Graphics and design tools: Design custom graphics using the improved tools in our graphic interface. Combine built-in objects to create any functionality required.

.Net and ActiveX: Use 3rd party controls to enhance your project. IWS is a container for ActiveX and .NET controls.

OPC: Drivers for all major brands of PLCs are built in, but any OPC server may optionally be used. IWS supports OPC DA (Server/Client), OPC HDA(Server), UA (Client) and Xi (Client)

PDF Export: Send Alarms, Reports, or any file (including .doc or .txt) to a production supervisor, quality manager, or maintenance staff using the included PDF writer.

Recipes: Save time and maintain consistency by automating part parameters or productions quantities with any triggering event.

Redundancy: For critical applications where data is vital, IWS v.7.0 supports web server and database redundancy.

Reports: Create clear, concise reports in text format, graphical RTF, XML, PDF, HTML, and CSV or integrate with Microsoft Office.

Scalable: Develop once and deploy everywhere. Take an application created for windows CE and deploy it on any supported Microsoft operating system, including Embedded, Windows 7, and Server editions.

Scheduler: Schedule custom tag changes on date/time, a frequency or any trigger.

Scripting: Two powerful scripting languages are supported. Use built-in InduSoft functions or use standard VBScript to take advantage of widely available resources.

Security: IWS includes support for group and user accounts, e-signatures, and tracability. (New in v7.0, support for Active Directory and users assigned to multiple groups).

SNMP: Easily configure managed networked devices using incorporated SNMP configuration commands and a new configuration interface.

Symbols: (Updated!) Included library features tanks, sliders, meters, motors, pipes, valves and other common objects.

Tag Database: IWS features an object oriented database with arrays, classes (structures), and included system tags.

Trends: Real-time and Historical trends are supported. Log data in binary format or to any database locally and remotely. Color or fill trends with graphic elements to enhance clarity of data.

Troubleshooting: Quickly debug and verify a project using local and remote tools for troubleshooting, including status fields, DatabaseSpy and LogWin

Web Thin Clients: Remotely view screens as web pages using Internet Explorer web browser, or InduSoft Secure Viewer. Use SMA and any web enabled cell phone with a browser to monitor/access tags (process values), and alarms.

