



Making Data Acquisition Easy

CAGE/NCAGE Code: 3FNFO

InduSoft Programmable Automation Controller

InduSoft Web Studio is a powerful, integrated collection of automation tools that includes all the building blocks needed to develop modern Human Machine Interfaces (HMI), Supervisory Control and Data Acquisition (SCADA) systems, and embedded instrumentation and control applications. InduSoft Web Studio supports all Windows runtime platforms, ranging from Windows CE, Windows XP, Windows XP Embedded, Vista, Windows 7 (32/64 bit), Windows 8 (32/64 bit), Windows 8.1 (32/64 bit), and Windows Server Editions, along with built-in support for local or remote (web) based visualization. InduSoft also conforms to industry standards such as Microsoft .NET, OPC, DDE, ODBC, XML, and ActiveX.

ICP DAS provides the InduSoft bundled driver to integrate InduSoft software and ICP DAS products (I-7000, I-8000, I-87K and CAN Series) for SCADA system. There are also OPC, DDE and ActiveX development toolkit provided to cooperate with InduSoft. Besides, the VxComm software of ICP DAS can be performed to link to Internet/Intranet modules in an easy way. And DCON Utility of ICP DAS can be used to configure network module for easy use and maintenance.





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The IWS PAC series is the new generation WinCE 7.0 based InduSoft PAC of ICP DAS. It combines a RISC-based CPU board, TFT LCD touch screen to create a ruggedized, flat panel computer perfect for a variety of control and HMI applications. It provides a variety of connectives including Gigabit Ethernet, USB port, RS-232 and RS-485. The operating system is pre-installed in the on-board Flash memory. Remote I/O expansion is available using our Ethernet I/O modules, RS-485 I/O modules, Wi-Fi and ZigBee wireless I/O modules. Designed for panel mount installation, the front panel is NEMA 4/IP6 5 rated and can withstand sprayed water, humidity and extreme dust. Designed to operate over a wide -10°C ~ 60°C ambient temperature range, the fanless design offers the ultimate in reliability with no moving parts.

Alarms

In addition to the many alarm functions you expect from InduSoft Web Studio, also sends 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 have alarms sent right to your inbox, printer, or smartphone! Custom Alarm fields allow you to customize up to 10 additional fields to the history of alarms.

InduSoft Web Studio Demo Application

Home Screen | Browse Screens... | Switch User... | Exit Application

03/26/2013 16:16:55 Guest

Activation Time	Type	Message	Value	Station	User	Comment	Ack Time
03/26/2013 16:16:20	Hi	High Analog Alarm 1	50	EUGENE-PC	Guest		03/26/2013 16:16:20
03/26/2013 16:16:20	Hi	High Analog Alarm 1	55	EUGENE-PC	Guest		03/26/2013 16:16:20
03/26/2013 16:16:20	Hi	High Analog Alarm 1	62	EUGENE-PC	Guest		03/26/2013 16:16:20
03/26/2013 16:16:35	Hi	Digital Alarm 1	0	EUGENE-PC	Guest	Hi Ack	03/26/2013 16:16:35
03/26/2013 16:16:35	Hi	Digital Alarm 1	0	EUGENE-PC	Guest		03/26/2013 16:16:35
03/26/2013 16:16:35	Hi	Digital Alarm 1	1	EUGENE-PC	Guest		03/26/2013 16:16:35
03/26/2013 16:16:14	Hi	Digital Alarm 1	0	EUGENE-PC	Guest		03/26/2013 16:16:14
03/26/2013 16:16:14	Hi	Digital Alarm 1	1	EUGENE-PC	Guest		03/26/2013 16:16:14
03/26/2013 16:07:58	Lo	Low Analog Alarm 1	60	EUGENE-PC	Guest		03/26/2013 16:07:58
03/26/2013 16:07:58	Lo	Low Analog Alarm 1	0	EUGENE-PC	Guest		03/26/2013 16:07:58

Buttons: Animations, Active Objects, Recipes, Reports, Trend, Alarms

Online | History | Filter... | Print

Digital #1 OFF | Digital #2 OFF

Analog #1: 50.0

English | EUGENE-PC | 192.168.12.211 | Guest | 03/26/2013 16:16:55 | v7.1 | Unacknowledged alarms

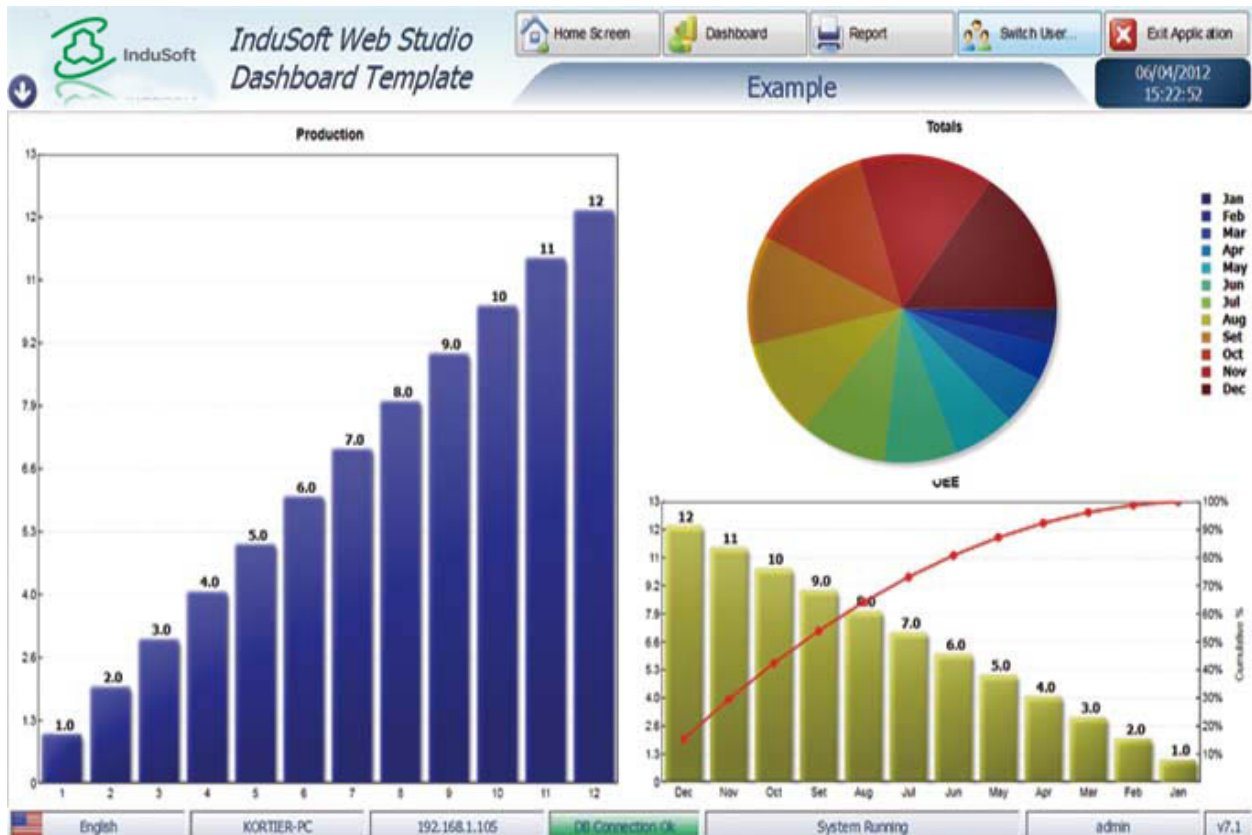


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Recipe / Report

Save time and maintain consistency by automating part parameters or production quantities with flexible recipe management tools. Create clear, concise reports in plain text, RTF, XML, PDF, HTML, and CSV or integrate with Microsoft Office programs such as Excel. Get the data you need, in the format you need it, to make informed decisions, fast. InduSoft has also partnered with Ocean Data Systems to offer further reporting capabilities through Dream Report for InduSoft Web Studio, available as an add-on.



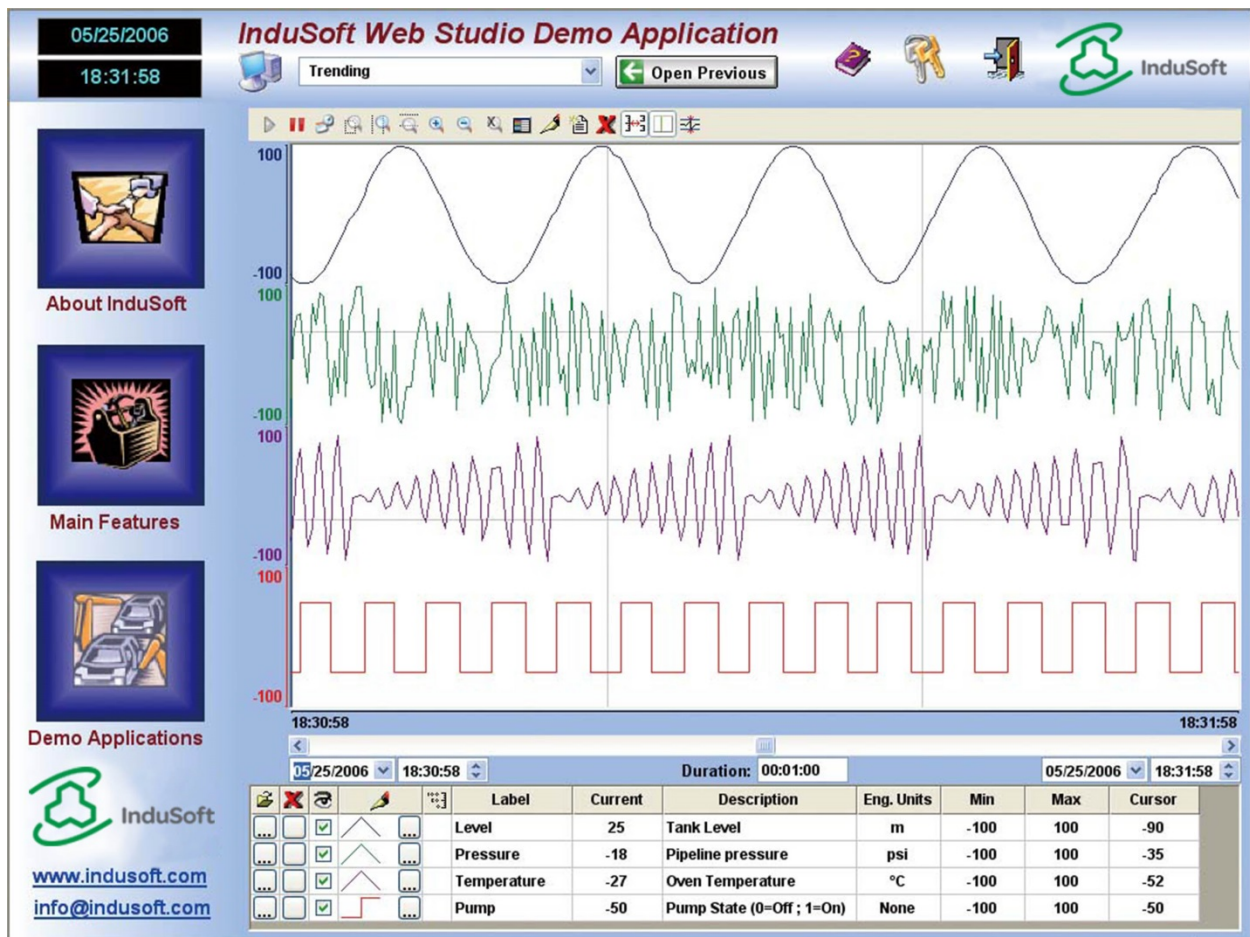


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Trend

Real-time and Historical trends, and SPC functionality are supported. Log data in binary format. or to any local or remote SQL database. Color or fill trends with graphic elements to enhance clarity of data. Date/Time based or numeric (X/Y plot) trends give you the flexibility to display information that best suits your application. InduSoft Web Studio supports vertical and horizontal trending.





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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. InduSoft Web Studio is flexible, offering a built in interface that doesn't require knowledge of SQL (for trends, alarms/events, grid and other objects). Use any SQL statement you need, anywhere you need it.

Driver / OPC

provides over 240 native communication drivers for PLCs, temperature controllers, motion controllers, bar code/2D/RFID readers, and many other devices. Use these built in drivers, or connect to an OPC server. InduSoft driver toolkits even allow you the flexibility to build your own drivers.

Thin Clients

Remotely view screens as web pages using Internet Explorer web browser, or InduSoft Secure Viewer. Without installing any additional software and provide embedded firewall, remote client command can be disabled and login authority functions to protect the system security.

IWS-2201-CE7	InduSoft based PAC with 7" LCD (WinCE7 OS)
IWS-4201-CE7	InduSoft based PAC with 10.4" LCD (WinCE7 OS)
IWS-6201-CE7	InduSoft based PAC with 15" LCD (WinCE7 OS)

https://www.icpdas-usa.com/iws_2201_ce7





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If you have other Modbus or HART communication requirements or have some questions, we can certainly help you to choose the best solution. Please call our technical support team at (310) 517-9888 X102