

# ReportWorX™



## Real-Time Reporting, Charting and Analytics Software

### Scalable Microsoft .NET Technology

Designed from the ground up to take maximum advantage of Microsoft .NET, Web Services and Microsoft Excel® technology

### Industry Standard Reports

Comes with standard report templates for Downtime, Alarm Management, Security, Production, Water, EPA, FDA, Quality, Material Handling and more

### Data-Mine OPC, SNMP, SQL, Oracle or Any Data Source

Powerful analytics and reporting on any plant floor or corporate database such as MS SQL, Oracle, SAP, Historians, Real-time OPC and SNMP. Combine information from multiple data sources into one report

### Leverage the Power of Microsoft Excel

Create custom reports with Microsoft Excel using native charts and calculations and advanced data mapping features of the visual report Layout Manager

### Powerful Report Scheduler

Easy to use report scheduling engine triggers reports on demand, periodically, on event, time and date, database change, file attribute change, OPC value and other real-time events

### Seamlessly Orchestrate Historical Data Integration

Leverage the graphical workflow designer to move ICONICS Hyper Historian data to and from any data source for in-depth analysis of high-speed historical data

### Deliver Reports via Web, E-mail, Fax or Printer

The users can view reports in Excel, PDF, or HTML format on the Web or receive them via e-mail, or have them sent to a fax or any printer

### Intuitive Web Interface with Integrated Security

Customizable Web interface provides remote and secure visualization, management and configuration over LANs, WANs and the Internet

### Integrated Version Control

Maintain track of reports with built-in version control for easy report authoring and management

### Easy, Ad-Hoc, On Demand Reporting

On demand generation of reports is easy with drop down named parameters. Simple drill down dynamic hyperlinks to detailed reports



*"Turn Volumes of Data from Different Sources into Powerful and Useful Information!"*



**Microsoft** Partner  
Gold Independent Software Vendor (ISV)



**2012 PARTNER OF THE YEAR**  
Sustainability  
Winner



Visualize Your Enterprise™



# ReportWorX™



Turn Data into Manufacturing Intelligence

## The Ideal Choice

Producing reports is an integral and often underestimated part of any project. Whether part of addressing an auditing requirement, decision support system, financial accounting application, or production reporting, ReportWorX is the ideal tool for creating, scheduling and redirecting reports. Reports can be sent to redundant printers, fax machines, computer screens, PDF files and/or local or remote drives/storage. Users can even publish reports to a Web server or send them throughout the entire organization via e-mail.

- ReportWorX can automate the generation of any real-world reports.
- Powerful enough to create the most sophisticated reports, but friendly and easy enough for the beginner.
- Whether you need reports occasionally or daily, ReportWorX is the ideal product to meet your needs.

## Connect To and Data-Mine Any Data Source

Using ICONICS data mining technology, ReportWorX integrates with any data source, such as Microsoft® SQL Server, Oracle®, SAP, MSDE, Microsoft Access, custom databases and more through Web services, ODBC and OLEDB connections. Integrate information from any real-time OPC data source as well as from historical data sources. ReportWorX is optimally designed to work with the GENESIS32™ products, including Data Historian (TrendWorX™32), Alarm Logger/Historian (AlarmWorX™32) and OPC real-time data exchange product (DataWorX™32). ReportWorX can integrate with other popular data sources, such as:

- HMI, SCADA and DCS Systems
- Building and Security Systems
- Maintenance Systems
- Lab Information Systems
- Plant Historians, MES and ERP
- Corporate and Manufacturing Production Databases

## The Power of Microsoft Excel

Microsoft Excel is your design tool to quickly connect to any live or historical data source. Leverage the power of Excel charts, calculations, macros, formatting and more within ReportWorX templates. The ReportWorX Excel Plug-in makes it easy. Right-click or drag-and-drop to configure groups of data connections. Intuitive wizards create SQL Queries for you, including dependent parameters detected dynamically as you configure. Use your own SQL Statements or Stored Procedures. Data is populated upon real-time triggers; results are automatically published in Excel, PDF or HTML format. Mix and match data types across multiple worksheets to create exactly the report style you want with the free format of Excel.

## Easy-to-Use Report Scheduler

At the heart of ReportWorX is the Scheduling Engine, which allows for the simultaneous execution of reports. These reports can be triggered for execution over the Web, from an HMI screen, or even automatically based on the following criteria:

- Time and Date
- Alarm or Event
- OPC Real-Time Data
- Expression or Calculation
- Database Value
- NT Event
- File Attribute
- On Demand

## Web-Enabled Reports

ReportWorX comes with a Unified Web Interface for secure online browsing, execution and management of your reports. Users can access reports with a standard Web browser over the Internet or within a secure corporate intranet. Reports can be viewed in Excel, PDF, or HTML format using a tree-based navigation system for intuitive browsing of reports. This powerful Web management feature of ReportWorX allows reports to be executed, managed and scheduled over the Internet using any Web browser.

## International Language Switching

For organizations requiring reports in different languages, ReportWorX includes a powerful international language capability. Reports containing text, engineering units, currency calculations and more can be indirectly referenced so that reports can be deployed to different individuals speaking different languages or to locations in other countries. Create reports in different languages for global application deployment.

## Scalable Enterprise Report Architecture

ReportWorX is based on Microsoft .NET and is designed to scale from the simplest single report application to complex demanding reporting applications. Create and deploy just a few reports that run simultaneously on a single CPU server, or deploy your application to an entire enterprise running on multiprocessor servers. ReportWorX takes full advantage of Symmetric Multiprocessing, IT and Web infrastructures.

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ICO-PLT-011

**ReportWorX™** is a powerful, advanced reporting tool that is easy to learn, quick to apply and can integrate information from any data source, including popular HMI, SCADA, MES and control systems. Connect to real-time OPC data as well as databases such as SQL, Oracle, SAP, AspenTech, OSI PI and more.

### Advantages of ReportWorX

Designed from the ground up and based on Microsoft .NET and Excel technology, ReportWorX turns volumes of data into Manufacturing Intelligence. Quickly transform information from any data source into a Decision Support System, increasing your efficiency via ICONICS' easily configurable tool. The most advanced reporting tool available today, ReportWorX takes maximum advantage of Microsoft .NET technology to automatically gather data into worksheets and charts. ReportWorX manages workbook duplication, manipulation, chart and data updates, formula recalculation and automatic printing and scheduling.

### Standard Industry Reports Included!

ReportWorX comes complete with standard report templates for Downtime Analysis, Production, Overall Equipment Effectiveness, Water, EPA, Quality, Energy, and more.

### ICONICS Markets Served

ICONICS has more than 250,000 systems running in over 40,000 plants worldwide. The following industries are benefiting from ICONICS solutions:

- Aerospace & Defense
- Automotive
- Biotechnology
- Building Automation
- Chemical & Petrochemical
- Consumer Packaged Goods
- Financial
- Food & Beverage
- Government
- Machine Builders
- Metals & Mining
- Oil & Gas
- Pharmaceuticals
- Power & Utilities
- Pulp & Paper
- Semiconductors
- Water & Wastewater

For further information call

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[www.iconics.com](http://www.iconics.com)



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