BizViz™

Business Visualization & Manufacturing Software

real-time manufacturing intelligence
from the production floor to the boardroom

ICONICS

Visualize Your Enterprise™

BizViz: Complete visibility into all enterprise operations

THE BIZVIZ SOLUTION

ICONICS enables manufacturers to overcome business challenges with the BizViz™ real-time manufacturing intelligence solution. BizViz empowers users at all levels of the organization with:

- **Personalized role-based dashboards** that deliver relevant content from various systems in an intuitive framework to authorized personnel. The user's view can be modified at any time to reflect changing information.

- Configurable **Key Performance Indicators** (KPIs) for real-time performance tracking against set targets. The BizViz KPI library supports **Lean Manufacturing, Six Sigma,** and **Demand Pull** process improvement initiatives with many industry-specific KPIs, such as **OEE, TAKT Time, Lead Time, Productivity,** and **Right First Time**.

- **Automated and on-demand reporting** capabilities with advanced analytic functions help decision makers visualize trends, perform root-cause analyses, and identify opportunities for performance improvement.

- **Real-time alert notification** provides instant information about process exceptions and KPI tolerance deviations, enabling personnel to respond quickly before the problems impact business performance.

- Manufacturing intelligence **delivered to wireless devices** enables remote employees to monitor KPI trends, update production targets, and acknowledge alarms.

- Robust security management and a **single sign-on** service provide efficient access to all enterprise information.

THE BENEFITS OF BIZVIZ

Production line supervisors, plant managers, global supply chain managers, division leaders and CEOs are provided with accurate, up-to-the-second, real-time information from all enterprise systems. The results are:
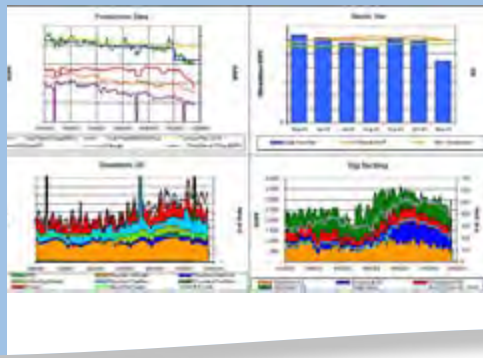
» Increased Profitability
Business decision makers can take immediate action when real-time KPIs show deviation from target values. Simultaneous visibility into production rates, inventory levels and outstanding orders leads to inventory reduction and cost decrease.

» Streamlined Business Efficiency
Tracking multiple Lean Manufacturing and Six Sigma KPIs helps to identify areas for business performance and efficiency improvement. Enhanced product quality reports and root-cause analysis capabilities drive manufacturing process improvements over time.

» Strengthened Customer Loyalty
A single view of customer information, order status, and product location enables customer service to respond instantly to customer inquiries. Real-time visibility into the entire supply chain supports "capable-to-promise" and "available-to-promise" capabilities.

VERTICAL MARKETS

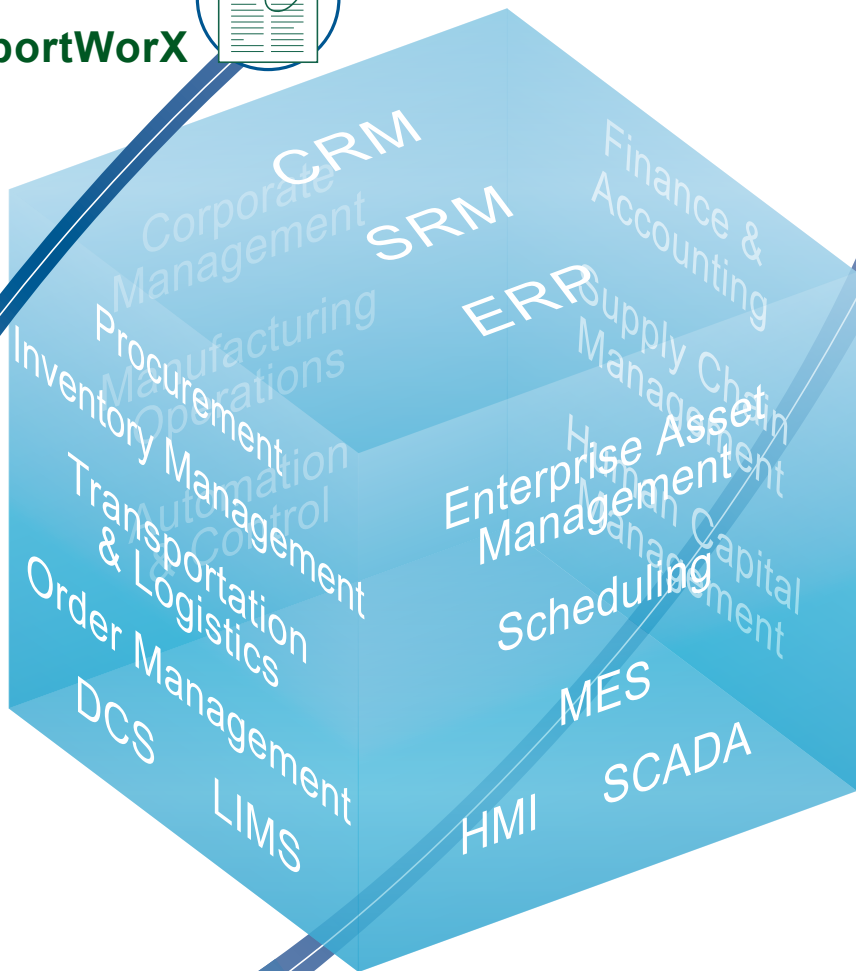*ICONICS* products are currently used in a wide range of industries around the world.

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

BizViz Analytics

ReportWorX
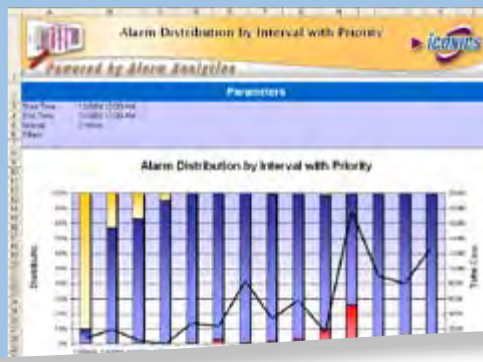
MobileHMI

CRM
Corporate Management
Manufacturing Operations
Procurement
Inventory Management
Automation Control
Transportation & Logistics
Order Management
DCS
LIMS

SRM
Finance & Accounting
ERP
Supply Chain Management
Enterprise Asset Management
Human Capital Management
Scheduling
MES
HMI
SCADA

BridgeWorX

*Visualize and connec
information with one*

PortalWorX
Real-time visualization and collaboration

PortalWorX™ visualization dashboards provide unprecedented collaborative and KPI tracking capabilities, and let users access and visualize real-time and historical information from all enterprise systems. PortalWorX leverages the power of Microsoft's .NET and SharePoint 2010 technologies, allowing users to easily create and manage a personalized portal with intuitive single sign-on.

ReportWorX
Scheduled reports, charting and analytics

The award-winning ReportWorX™ takes volumes of data from different data sources and turns it into valuable information in the form of reports. Reports are easily created using a unique .NET Microsoft Office 2010 plug-in. With the friendly and intuitive data mining wizard, users can schedule reports based on time, date, events, OPC values, file attribute changes, or database values. Reports are published on the Web or archived in PDF format, and can be redirected to printers, e-mails or faxes. ReportWorX comes complete with industry-specific reports.

BizViz Analytics
Visual OEE, KPIs and analysis for operational excellence

BizViz Analytics empowers decision makers at all levels of the enterprise with real-time and accurate information to help them drive global operational efficiency and strengthen competitive market advantage. Gain insight into your operations through real-time data aggregation and connectivity to multiple data sources, presented in an intuitive and intelligent manner. BizViz Analytics helps to establish manufacturing context with KPIs and deliver manufacturing intelligence to the entire organization.

BridgeWorX
Enterprise-wide data bridging and integration

BridgeWorX™ efficiently exchanges data between any enterprise database or data source. A unique visual transaction data-mapping configuration wizard enables users to transfer information to and from real-time manufacturing devices and corporate business information systems. BridgeWorX data-mining technology can access virtually any data source, including Microsoft SQL Server, SAP, Microsoft Access, ODBC, OLEDB, Web services, and Oracle.

MobileHMI
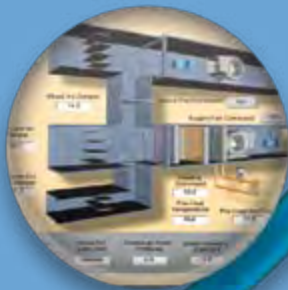### *Wireless connectivity and communication*

MobileHMI™ turns data from different data sources into valuable, secure information right on your mobile phone, Blackberry, 2-way pager, Pocket PC or PDA. The wireless device can visualize information from any ODBC, Microsoft Access, Microsoft Excel, Microsoft SQL, OPC real-time data, alarm and historical data source. MobileHMI supports a range of standards, including GSM, TDMA, CDMA, and wireless application protocols (WAP). Users can acknowledge alarms and analyze real-time manufacturing information from their mobile devices anywhere and anytime.

PortalWorX

ct all your enterprise
e software solution

How can I get the right information to the right people in real-time?

Turn real-time data into your competitive advantage

INDUSTRY CHALLENGES

In today's world, industrial manufacturers are coping with ever increasing global competition while customers are demanding more innovative products at lower prices. At the same time, those companies are dealing with the unprecedented complexity of enterprise information to serve many types of customers while managing changing production schedules, coordinating numerous manufacturing plants, and ensuring regulatory and legal compliance.

At present, the essential information required to run an agile and efficient business is scattered across disparate systems. The customer shipping location is in the CRM system, the order number and quantity are in a separate order management system. The product inventory levels are in either ERP or SCM systems, and the plant capability to make the product is in the MES system. Pulling the fragmented information together is both time consuming and difficult, leaving decision makers with an inaccurate, incomplete and outdated picture of what is actually happening within their enterprise. This lack of real-time visibility into manufacturing operations not only impairs overall business performance but also drives up costs and hinders customer satisfaction.

Founded in 1986, ICONICS is an independent software developer of award-winning, real-time visualization, data historians, automation intelligence and suite of analytics software solutions. ICONICS products are installed in 70% of the Fortune 500 companies around the world, helping customers be more profitable, agile, efficient and sustainable.

ICONICS is a long time Microsoft Gold Certified Partner and Winner of the very prestigious Microsoft Partner of the Year Award, providing advanced software for many end users and technology suppliers. ICONICS has over 250,000 applications installed in multiple industries worldwide.

ICONICS cultivates an international culture of innovation, creativity and excellence in product design, development, technical support, sales and service. World headquarters are located in Foxborough, Massachusetts, USA.

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