

BizViz Analytics™

Visual OEE, KPIs and Analysis for Operational Excellence

Configurable KPIs for Lean Manufacturing/Six Sigma

Configure/visualize KPIs with plant-specific calculations for OEE, Cycle Time, MTBF, TAKT time, Efficiency, Throughput, etc

Advanced Analytic Functions with Automated Reporting

Generate automatic, real-time daily and historical status reports. Easily perform advanced analytics/what-if scenarios

Powerful, Intuitive Web-Based User Interface

Configure and navigate to any asset in 3 clicks or less using the powerful Web Interface

Secure Collaboration with Single Sign-On Services

Collaborate on/share documents in secure Microsoft SharePoint architecture. Streamline access with single sign-on

Role-based Visual Dashboards

Customize individual views based on user roles and groups

Preconfigured Templates for Manufacturing-based Processes

Get up and running quickly with out-of-the-box report templates, drill-down graphics, interactive charts, KPIs and more

Mobile Information Delivery with Multiple Protocol Support

Reach users wirelessly anytime. Deliver KPIs, alerts, and notifications to cell phones, PDAs and two-way pagers

Connectivity to Multiple Data Sources

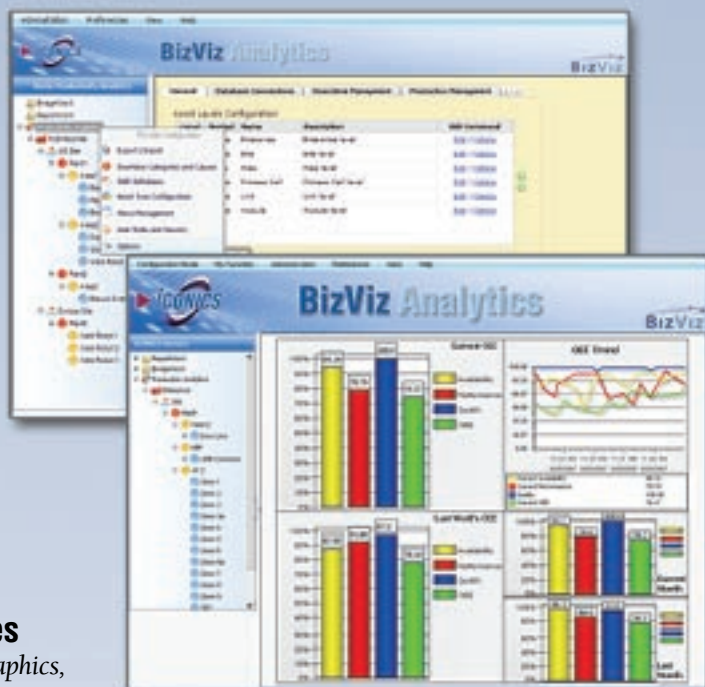
Connect to all critical data sources including those via SQL, SAP, SNMP, Oracle, ODBC, OLE DB and more. Aggregate vital process information from multiple applications

Advanced Alarm Analytics Based on EEMUA/OSHA Standards

Leverage standardized industry templates for advanced Alarm Analytics to gain insight into processes and operations

Flexible Web Services and .NET-centric Architecture

Build your architecture around a common .NET platform and unleash the flexibility of Web services



"Measure and Monitor Asset Performance in Real-Time!"

Microsoft
GOLD CERTIFIED
Partner



Visualize Your Enterprise!™



BizViz Productivity Analytics provides powerful data mining technology to track real-time KPIs such as throughput, OEE, utilization, yield, availability, uptime, cycle time and more. Its powerful Web Interface allows users to design, develop, and deploy dashboards, reports, trends and KPI views to effectively visualize vast amounts of available manufacturing and business information.

Advantages of BizViz Productivity Analytics

Productivity Analytics allows users to drill into the root cause of every downtime event as a way to correlate seemingly random data together into actionable intelligence. Layer real-time views on top of historical or "ideal" performance data to help establish preventive maintenance procedures and avoid future unplanned downtime. Productivity Analytics helps operators, supervisors, and managers reduce cycle times, lower costs and identify improvement opportunities in order to streamline processes and get more out of their assets.

Out-of-the-Box Reports Allow for Instant Return on Investment

Standard out-of-the-box reports highlight under- or over-utilized assets and help line managers schedule preventive maintenance on the equipment that needs it most. Properly maintained equipment results in less overall downtime, which in turn results in higher production efficiency.

ICONICS Markets Served

ICONICS has more than 225,000 systems running in over 25,000 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

508-543-8600

or visit our website

www.iconics.com



Visualize Your Enterprise!™

BizViz Analytics Microsoft .net

Visual OEE, KPIs and Analysis for Operational Excellence

Powerful Data Mining Tracks Real-Time KPIs

Today's manufacturing environment demands information in real time. It is no longer sufficient to operate solely based on yesterday's data, or even data from the previous shift. BizViz Productivity Analytics uses powerful data mining technology to track real-time KPIs. Even if you are not actively monitoring a particular asset, you can receive automatic alerts when certain metrics approach the "danger zone" based on pre-configured threshold levels.

Personalized Dashboards, Reports, Trends and KPIs

A powerful Web Interface allows users to design, develop, and deploy dashboards, reports, trends and KPI views to effectively visualize vast amounts of available manufacturing and business information. Dashboards can be hosted within a role-based Microsoft SharePoint environment to further enhance the user experience and collaboration capabilities.

Reduce and Prevent Unplanned Downtime

Drill into the root cause of every downtime event as a way to correlate seemingly random data together into actionable intelligence. Layer real-time views on top of historical or "ideal" performance data to help establish preventive maintenance procedures and avoid future unplanned downtime.

Make Informed Decisions to Increase Production Efficiency

Operators, supervisors, and managers are provided the tools to reduce cycle times, lower costs and identify improvement opportunities to streamline processes and get more out of company assets. Out-of-the-box reports highlight under- or over-utilized assets and help line managers schedule preventive maintenance on the equipment that needs it most. Properly maintained equipment results in less overall downtime, increasing production efficiency.

Intuitive Context-Driven Navigation and Graphical Workflow Designer

An intuitive Web-based navigation system helps to traverse data as efficiently as possible. The customizable navigation tree hierarchy means assets can be explored in a way that mimics production layouts in order to view relevant data at any level of the enterprise. The right-click context menu offers only the choices that are relevant to the current level, providing users with the "right" command – right at their fingertips. An easy-to-navigate, graphical workflow configuration wizard allows users to more easily configure data movements to and from individual data sources.

Fast, Efficient Web-Based Configuration

BizViz Productivity Analytics' Web Interface builds upon the power of the Unified Web Interface but adds a whole new level of productivity by offering complete online configuration. Manage your entire Productivity Analytics application via the Web, from any thin-client Web-enabled browser. Create new assets, modify existing ones, manage shift schedules, assign downtime causes, manage user preferences and more.

Role-Based, Secure Dashboards

Productivity Analytics integrates fully with the Windows NT security architecture. Asset configuration and real-time monitoring can be restricted on a per-user basis. Users are authenticated over the Web with their NT login credentials, which are then checked against Productivity Analytics security access rights. All dashboards and views are tied into ICONICS' role-based security system so that end users see only relevant, contextualized data.

Advanced Reporting, Analytics, Data Bridging and Alarm Tie-Ins

Award-winning ICONICS' reporting technology helps to take volumes of data from disparate data sources and turn them into actionable information in the form of reports. ICONICS data bridging technology efficiently exchanges data between any enterprise databases. A unique visual transaction configuration wizard for data mapping enables users to transfer information to and from real-time OPC manufacturing devices and corporate business information systems. Advanced alarm analysis, reporting and management is also available, adhering to industry standards for alarm management issued by OSHA and the EEMUA.

Wide-Scale Integration

Users can access virtually any data source, including Microsoft SQL Server, SAP, Microsoft Access, ODBC, OLEDB, Web services, and Oracle. Other popular supported data sources include:

- Most HMI, SCADA and DCS systems
- Maintenance systems
- EAM, MES, ERP and plant historians
- LAB information systems
- Custom corporate databases
- SNMP and BACnet

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