

Building Automation Software Solutions



Microsoft Partner
Gold Application Development

2013 Microsoft
Partner of the Year
Award Finalist
Application Development


Visualize Your Enterprise™

Smart Building Software for Energy Efficiency

Property managers of industrial plants and facilities are under constant pressure to improve comfort, efficiency, sustainability and reduce overall energy costs. Smart energy solutions turn data and information into building intelligence by integrating with existing BMS, SCADA and control systems. This can have an instant payback and assist facility managers in achieving Energy Star and LEED certification.



Energy Management and Sustainability

ICONICS has software solutions for performing continuous commissioning, energy management and building automation. **Energy AnalytiX®** and **Facility AnalytiX** products help to collect, record, visualize and provide analytics for any facility. These solutions provide the rich visualization dashboards and reporting needed to assist in making decisions to reduce energy cost and improve overall sustainability.

- Facility and Energy Dashboards with KPIs, Metrics & Analytics
- Standard Cost, Consumption and Carbon Reports and Dashboards
- Real Time to Goals Comparisons for Improvements
- Integrate and Data Log Electricity, Gas, Steam & Other Meters

Unified Building Automation

Operate your facilities at peak efficiency and maximum comfort by integrating all mechanical, electrical, safety, lighting, video and card access into an operations center. **GENESIS64™** unifies systems into a single operator workstation for coordinating resources and includes simple-to-create floor plans and graphics, alarming, trending and scheduling with BACnet discovery. Use **WebHMI™** to operate facilities with a Web browser or access information from any device with **MobileHMI™**.

- Easy Import of 2D and 3D Drawing and Floor Plans
- Real-time Tree Navigation with Alarms and Trends
- Coordinated Control and Schedules Across all Buildings
- Advanced Calendar Scheduling with Easy Configuration



Fault Detection Improves Maintenance

Real-time fault detection and diagnostics technology assists with commissioning as well as makes recommendations as to where to make improvements. It works by predicting equipment faults and looking for energy offenders before they occur. When failures occur, automated FDD diagnostics will analyze sensor readings and provide a list of probable causes of failure and guidance to the service technician. This reduces the mean-time-to-diagnose and helps cut maintenance costs.

- Fault Detection Predicts Faults Before They Occur
- Quick to Deploy to Achieve Goals and ROI
- Reduce Maintenance and Determine Probable Cause
- Visualize & Analyze Facility Operations & Energy Usage





Advanced Visualization and Reporting

View and manage building operations using any desktop, Web browser, kiosk, signage, mobile phone or with Windows SharePoint®. Easily create and deliver dazzling real-time collaboration portals and execution dashboards with 2D and 3D rich animated graphics, trends and alarm/event summaries and grids. Integrate information from building controls with Esri, Google and Bing® Maps into a GEO-Facility and create a one-click operations interface with any location.

Simple to Engineer and Deploy

ICONICS building automation solutions require no programming. The Web-enabled Workbench helps save time and money. It is the single tool used for creating, engineering and deploying all of the application configurations. Now automation experts and consultants can configure and maintain buildings from anywhere.

Universal Connectivity

ICONICS' high performance communications interface supports the popular standards such as BACnet, Modbus, OPC, OPC UA, Web Services and databases. Configuration and integration with BACnet is made easy with built-in support for the native BACnet, alarms, trends and network objects. Simple discovery of devices on the network makes integration seamless and easy. Information is collected, aggregated and normalized from a wide variety of protocols and interfaces.

- BACnet
- Modbus
- OPC
- Web Services
- SNMP
- Databases

Building Applications

- Data Centers
- Casinos and Stadiums
- Correctional Facilities
- Hospitals and Education
- Airports and Transportation
- Commercial and Retail Offices
- Pharmaceutical, Biotech and Labs
- Helps Meet FDA 21CFR11 Compliance
- Government and Military Infrastructure

Benefits

- Future Proof Your Investment in Building Automation
- Proven Scalability from Hundreds of BACnet Devices
- Integrates with BAS, Lighting, Access and More
- Instant Alert Notification via Email and Mobile Devices
- Provides Unified Operations Center Monitoring and Control
- Reduce Engineering, Startup, Deployment and Costs
- Single Schedule Coordinates All Buildings



“Turning Data and Information into Building Intelligence.”



Founded in 1986, ICONICS is an award-winning independent software developer offering real-time visualization, HMI/SCADA, energy, fault detection, manufacturing intelligence, MES and a suite of analytics solutions for operational excellence. ICONICS solutions are installed in 70% of the Fortune 500 companies around the world, helping customers to be more profitable, agile and efficient, to improve quality and be more sustainable.

ICONICS products are used in building automation, oil & gas, renewable energy, utilities, water/wastewater, pharmaceuticals, automotive and many other industries. ICONICS' advanced visualization, productivity, and sustainability solutions are built on its flagship products: GENESIS64™ HMI/SCADA, Hyper Historian™ plant historian, AnalytiX® solution suite and MobileHMI™ mobile apps. Delivering information anytime, anywhere, ICONICS' solutions scale from the smallest standalone embedded projects to the largest enterprise applications.

ICONICS promotes an international culture of innovation, creativity and excellence in product design, development, technical support, training, sales and consulting services for end users, systems integrators, OEMs and Channel Partners. ICONICS has over 300,000 applications installed in multiple industries worldwide.

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Further information:

www.iconics.com/buildings



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