

# Building Controls

## Software for HVAC and Security Applications

### Manage Single or Multiple Facilities with One Control System

Access, monitor and control local and remote facilities with a single user interface

### Display, Record and Acknowledge Alarms over the Web

Display and respond to alarms using pagers, Pocket PCs, and mobile wireless PDAs or phones

### Extensive Security Management with Audit Trails

Multiple levels of security management ensure that only authorized personnel have access to key facilities and system information

### Powerful Intranet and Internet Networking Capabilities

Fully configurable, completely flexible and easy to use with local area networks, intranets and the Web

### Reporting with Real-Time and Historical Data

Generate, manage and schedule reports exactly how you want them

### Scalable Data Archiving to Secure Standard Databases

Archive facilities trend and alarm information to industry-standard databases, such as Microsoft® SQL Server, MSDE, Microsoft Access and Oracle®

### View All Building Systems with a Single Graphical Interface

Monitor temperature, door status, fire and security alarm points, lock and unlock doors, change set points and command lighting zones

### View Web-Enabled Data over Secure Networks

Use your network or Web browser anywhere to view real-time data or reports in a standard format

### Open Standards Integrate with Security and Manufacturing Systems

Use industry standards to manage, control and monitor a wide range of applications, such as security card access, manufacturing and automation systems

### Easy-to-Use HVAC Symbol Library

Symbol Library of fans, ducts, motor controls, chillers and many others are reusable and easy to deploy



*"Providing comfort to people and industry"*



**Visualize Your Enterprise!™**



ICONICS' GENESIS32™ suite of applications offers features and functions specifically designed to aid in the overall management of a Building Management System (BMS) and its respective control and security systems.

#### Industries Served

For Building Management Systems requiring state-of-the-art monitoring, control and security, the following industries benefit from ICONICS' solutions:

- Airports
- Government Offices
- Correction Facilities
- Financial Brokerage
- Casinos, Retail
- Pharmaceutical and Biotech
- Educational Campuses
- And Many More ...

#### Benefits

Customers who are deploying GENESIS32 in building control and security applications will enjoy these benefits:

- Centralized monitoring and control
- Ability to integrate alarms with live video, adding a higher level of security to your operation
- Reduce potential problems with viewing alarms and trends anywhere, anytime
- Acknowledge alarms from a Web browser, wireless Pocket PC or mobile phone
- Integrate HVAC, lighting, energy usage, security, fire and elevator control



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Visualize Your Enterprise!™

# Building Controls

Helping to provide comfort and security to people and industry

#### Overview

Today's state-of-the-art Building Management System (BMS) provides maintenance personnel and operators with an easy way to navigate and control key operating parameters in multiple facilities. Now control and manage all aspects of a small or large building complex or campus. Use a common Web-enabled user interface to integrate facilities such as HVAC, lighting, energy, security, fire and elevators. The GENESIS32™ product provides an easy and fast method for creating customized building management systems. Now it is easier than ever to monitor and control the overall operation from a single location while connecting all satellite and remote sites with highly secure and reliable networking technologies (LAN, WAN and the Internet). GENESIS32 offers many features for handling and recording of all the operator actions, system events and alarms.

#### Display and Record Alarms along with Live Video

Alarm configuration is easy with the alarm/event configuration utility. AlarmWorX32 is a distributed enterprise-wide alarm and events management system, which can display alarms locally or remotely along with live video feeds from the alarm locations.

#### Extensive Security Management with Audit Trails

The GENESIS32 suite of software applications offers the Security Server, a software component designed to restrict user access rights to various parts of the system. Not only are certain files and/or applications restricted, but specific features within the software modules may also be restricted on a per-user basis.

#### Powerful Networking Capabilities with Unmatched Flexibility

The various GENESIS32 optional software modules, such as AlarmWorX32 Multimedia, WebHMI™ and MobileHMI, enable users to configure their networks as they desire. GENESIS32 is easy to use with local area networks, intranets and the Internet, while providing full security.

#### Extensive Reporting with Real-Time and Historical Data

With ReportWorX, users can create, manage and deploy custom reports for the entire organization. The report scheduler enables scheduling the delivery of custom reports triggered by an event, periodically, on demand, or by time and date. Create reports that transform corporate data into valuable information.

#### Scalable Data Archiving to Secure Standard Databases

Both the AlarmWorX™32 Logger and the TrendWorX™32 Logger record their information to industry-standard databases, including Microsoft® SQL Server, MSDE, Microsoft Access and Oracle®. Using such standard corporate databases facilitates an easy path for long-term maintenance, addressing issues of record and report retrievals throughout the retention period.

#### View Web-Enabled Data over Secure Networks

When deploying WebHMI software on a company's intranet or even across the Internet, GENESIS32 delivers its full security system. So whether users are logged onto a local workstation or dialing in from home, the system is secure and traceable.

#### Alarm Notification and Acknowledgement with Wireless Devices

With AlarmWorX32 Multimedia, alarm notifications and acknowledgement can be deployed via voice, e-mail, phone, two-way pagers, fax, marquee, GSM, SMS, Pocket PCs, the Web and more. With the personal scheduler, users can create escalating alarm notification with live video.

#### Open Standards Integrate with Security and Manufacturing Systems

Using GraphWorX™32, a standard part of GENESIS32, provides users with a graphical view of their complete operation at any facility in their system. With the ability to have multiple layers on each screen, and by using the decluttering features, users can keep their screens simple while displaying only the information required at any time.

#### Open Standards Ensure Interoperability of All Systems

The GENESIS32 software suite can be run on Microsoft® Windows® 98, ME, 2000, XP and Windows NT® operating systems. Web-enabled applications run on Web browsers and Terminal Servers, as well as dedicated wireless Pocket PCs, Windows CE, Embedded NT and Embedded XP devices.

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