Honeywell Enterprise Buildings Integrator™

Improve and Expand the Performance of Your Existing Building Systems

Honeywell
Move Ahead Without Starting Over

You’re making do with your aging building management systems. But they’re difficult to manage, expensive to maintain and unable to support many of the newer, more powerful applications that your facility requires. It’s time to upgrade, but how will you justify the cost?

Honeywell has your answer. With our Honeywell Enterprise Buildings Integrator™ (EBI) suite of applications, you can breathe new life into your existing system and gain unprecedented management abilities. Featuring a remarkably open architecture, EBI enables you to leverage your existing investment in building systems, integrate new equipment and applications from numerous suppliers, and ensure a smooth migration path for future growth and improvement. In most cases, taking advantage of the Honeywell advanced solution is as easy as swapping out your front-end hardware and software. Up to 90 percent of your existing system (conduit, wire, field panels, controllers and programming) can be reused.

A Cost-Effective, Open Architecture

EBI utilizes leading open industry standards such as BACnet®, OPC, LonWorks® and Modbus®. It communicates seamlessly with third-party controllers, devices and communications interfaces, usually without the need for complex, high-maintenance gateways. There’s no need to install and maintain the proprietary bus connections and dedicated phone lines of the past. You can design and access your system using the latest standard networking technologies such as Ethernet local area networks and high-speed wide area networks. Plus, operators can conveniently access system information from any workstation with secure access to the intranet or Internet.

EBI integrates seamlessly with:

- EXCEL™ and EXCEL Plus™ controllers
- Delta 1000™ and Delta 2000™ systems
- FS20 panels
- Microcel™ controllers
- DeltaNet™ FS90 Plus fire and access control systems
- All BACnet- and LonWorks-capable systems

You can leverage the benefits of leading-edge technology while utilizing as much as 90 percent of your existing equipment. EBI builds on your existing infrastructure to improve capacities, capabilities and the overall effectiveness of your building systems.
Enhanced Control and Better Management Information

Many supervisory systems just provide a window to your controllers and devices. EBI provides true two-way communications with your subsystems, so you can immediately act on what you’re seeing for greater problem resolution and control. The solution gathers data from a variety of equipment and enterprise databases. EBI then processes the information and presents it in customizable formats that give you a full picture of building performance — without the need for dedicated data-mining specialists or programming expertise. The EBI suite of applications enables operators to monitor and control building management, life safety, security and digital video surveillance from a single workstation. You’ll have both the big picture and the capabilities to implement proactive control strategies for greater operational efficiency.

A Feature-Rich, User-Friendly Interface

EBI is built on the Microsoft® Windows® 2000 operating system, so it’s easy to use. The user interface features high-resolution color graphics, customizable data and displays, and user-configurable menus and toolbars. You can access Internet and intranet information — to check weather data, review procedures or order parts, for example — without exiting the display.

EBI lets you re-use familiar graphics or develop site-specific integrated floor plans, displays and alarm-handling procedures with the simple-to-use Display Builder tool. And there’s no need to struggle with configuring your system. EBI comes standard with Quick Builder, an engineering tool that allows even novice users to configure points, controllers, workstations and printers.

EBI offers comprehensive automation for all your building systems.

EBI — The Total Solution for Building Automation and Enterprise Management

EBI offers comprehensive automation for all your building systems. It provides unprecedented access and integration with all your business functions, including industrial manufacturing and process automation, financial and personnel records, environmental controls and supply chain databases. EBI provides a single point of access to all the information and resources you need to help maximize productivity, optimize assets, lower operating costs, secure your facility and safeguard employees.

Take Your Building Systems to the Highest Level of Productivity, Efficiency and Security — Without Starting Over

With EBI, you have complete systems integration for greater control and productivity, real-time intelligence for better decision-making and complete flexibility to accommodate change and growth, all while protecting your current and future investment in building systems.

Key Features of EBI

- Seamless integration with a diverse range of Honeywell and third-party systems.
- An open architecture that in most cases eliminates the need for gateways, proprietary interfaces and dedicated phone lines.
- The ability to integrate and manage building HVAC, lighting and energy systems, management, security, digital video and life safety applications from a single workstation.
- Supports the leading open standards: HTML, BACnet, LonWorks, ODBC, OPC, AdvanceDDE and Modbus.
- Advanced data mining and integration with enterprise databases for better decision-making.
- Easy-to-use Web-based user interface reduces operator training costs and puts the user in control of every situation.
- Designed and developed to International Standards ISO 9001 for quality assurance.

EBI provides integrated, cost-effective control over key management areas: building HVAC and lighting systems, security, life safety and digital video. By combining any or all of these applications, EBI can be customized to the needs of virtually any facility, including: commercial buildings, factories, airports, schools, hospitals, financial institutions and government locations.

Honeywell Enterprise Buildings Integrator™ earned Frost & Sullivan’s 2004 Technology Leadership Award for its excellence in integrating building systems into a single point of access.