Enterprise Buildings Integrator Release 500
Experience Real Outcomes
Understanding your Business Challenges

Today’s building owners and managers are faced with balancing decreasing budgets against escalating targets. The drive to increase revenue, reduce costs and create and maintain a safe, secure, and energy efficient environment is paramount. You want real outcomes, real fast... to respond rapidly to incidents, maximize operational efficiency, enable compliance with your local standards and enhance your customers’ experience. In essence, you have to do more, with less.

Today, the world is also becoming increasingly connected via the ‘cloud’ and through the explosion of mobile devices and remotely accessible objects. Capturing data from this rapidly expanding universe of endpoints has become a ‘Big Data’ challenge.

The ‘Internet of Things’ (IoT), combined with the growing demand for more efficient and seamless business processes, is driving increasing demands for more flexible, powerful and cost-effective integration capabilities.

Experience Real Outcomes with EBI R500

EBI R500 promotes real outcomes in real time and supports smarter buildings through the simple, seamless ‘Integration of Things’.

Providing a unified view across your building systems, EBI R500 streamlines operational control and promotes faster, better informed decision making, helping mitigate risks and reduce the impact of critical incidents and downtime.

EBI R500 makes integration with third-party systems easier while new cloud connectivity and mobile applications help drive operational efficiency, and a safer, more secure facility.

The results? A smarter building using connectivity and data analytics to provide automatic, real time actionable insights, promoting improved business efficiency, greater control, faster decision making and a better experience for occupants.

Fueling the growth of Connected Buildings

**Internet of Things (IoT)**
50 Billion devices expected by 2020

**The rise of the cloud and Big Data**
In 2012...
2.8EB of data
16% in the cloud

By 2020...
40EB of data
37% in the cloud

Source: Accenture

Source: IDC, Cisco Visual Index Report
Delivering real-time performance

- **Real time facility data** promotes increased productivity, optimized efficiency and the safety and security of your facility.
- **Intelligent automated workflow** promotes reduced operational, engineering and maintenance costs.
- **Performance improvements** allow a 200% increase in point capacity, reducing cost on larger systems, in comparison with our previous releases of EBI.
- **Alarm shelving** of apparent nuisance alarms helps focus on high priority alarms, optimizing operators’ time and promoting a safer, more secure facility.
- **Security improvements** such as enhanced occupier access via the Occupant App, e-locks, Easy Lobby visitor management and cardholder access.

Enhanced user experience

- **Better uniformity and operational efficiency** improve the customer experience and make interaction with all aspects of EBI R500 more consistent and easier to adopt.
- **Intuitive new interface** – easier to use, and increased operator engagement. Promotes the saving of time and cost.

Real-time assurance for your facility

- **Product of Honeywell’s QA systems** and rigorous standardized development processes.
- **Supports certain green building accreditations** such as LEED and BREEAM.

Cloud connectivity and mobility promote real outcomes

Cloud connectivity and mobile applications enable access to real-time data, giving authorized facility operators and occupants enhanced control of their facilities.

- **Detect risks faster** with near anytime, anywhere access to critical information through mobile apps that promote enhanced facility control, faster situational awareness and operational efficiency without the cost of duplicating hardware and data.
- **Cloud enabled Attune™ Advisory Services analytics** facilitate more informed decisions on improving building performance and reducing energy costs.
EBI R500 Features

- **Platform and Security**  

- **Mobility and Remote Access**  
  HTML5, smartphone access via EasyMobile, full featured tablet access.

- **Intelligent Integration**  

- **Unified Global Schedules**  
  Advanced diagnostics, exception and base schedules, schedule log, integrated download summary.

- **Automation Engine**  
  Integration made easier through simple, rules based automation.

- **Open Systems**  
  HTML5, BACnet®, AWS, OPC®, Enterprise Web Services, Building 2 Building using Web Services, ONVIF® and LonWorks®.

- **Access Control**  
  Access control solutions by adding Temaline Voyager iClass support, IdentiPoint logical security extensions, PCSC fault tolerant, and Visitor Management improvements to audit visitor assets and simplify visitor registration.

- **Distributed Systems Architecture**  
  Scalable system comprised of independent nodes which can share information to create a fully distributed yet fault tolerant architecture.

- **Energy Enabled**  
  Honeywell Energy Manager, Attune Services, Automated Demand Response Gateway.

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Find out more
For more information visit:  
www.buildingsolutions.honeywell.com