



## Energy



*Enabling you to go further to manage and operate your facility smarter, safer, securely, more efficiently, and at peak performance levels*



- Building Automation & Integration
- Energy Management & Efficiency
- Cyber Security



## *Any Device. Any System. Any Network. Any Protocol. Anytime. Anywhere.*

With energy costs adding up to 40% of the total operating costs for the average commercial facility and costs continuing to rise, managing and controlling energy utilization and efficiency in buildings has both financial and environmental consequences. So it's critical for building owners and facility operators to operate and manage their buildings as efficiently as they can.

The biggest challenge currently facing building operators in reducing energy usage is the lack of manageability for efficiency and critical information about the equipment and systems that run them. Traditional building systems are characterized by highly proprietary offerings with limited ability to connect and interoperate with each other and manage them collectively as a fully integrated system. As a result, buildings suffer from the inability to communicate and intelligently manage the data that they possess and use this information to drive energy efficiencies and reduce energy costs.

***HVAC accounts for 40% of the energy consumed in a building. Lighting accounts for 28%***

The vast majority of energy management activities are based on the financial impact they will have on the company. Today's rapidly evolving energy markets are forcing organizations to consider new ways to centrally manage the energy portfolio of the company. These two real-world conditions are causing building owners and energy managers to look for solutions to integrate and coexist with the rest of the enterprise building information network. Energy managers are looking to fill the gap between the business layer and the operational layer of the enterprise.

By managing energy and facilities as investments, companies gain control of energy use and achieve high rates of return in the form of energy savings and better performance with their buildings. Benefits from this investment approach can include double digit energy reductions, as well as improved building performance, lower operating costs, increased worker productivity, and environmental responsibility.

### **The JENEsys Building Operating System**

Meeting all the challenges of how today's buildings are operated, managed and maintained, the JENEsys® Building Operating System, powered by the Niagara Framework®, is an open, unified, building operating system that combines connectivity, integration and interoperability, supervision and control, energy management, visualization and actionable information (data & analytics) into a single, architecture within a cyber-secured environment.

Incorporating a single control station, JENEsys connects, integrates and correlates building equipment, systems and edge devices and enables building owners, facility managers and operators to adopt a converged and common operating platform to achieve operational and energy efficiencies between multiple building systems and devices supporting facility management functions and business applications. It provides you with an operating system and energy management platform from which to operate and understand how your buildings and the equipment and systems that run them are performing and manage energy with a common user interface to all systems, devices, data and management.

Built on an open protocol platform, JENEsys meets the specific needs of each facility and their systems and allows organizations to continually build off the same network deployment and add additional applications as desired. Whether you have a single building, manage a campus or multi-sites, JENEsys is cost effective and is ideal for any size and type of commercial building.

JENEsys with its energy management capabilities and analytics serves as a comprehensive energy management tools helps building owners and operators manage and control energy. JENEsys provides a clear visibility into the energy consumption and utilization patterns of facilities, making it easier to manage and optimize energy usage while identifying opportunities for performance improvement and cost savings. Combined with the real-time management and control capabilities JENEsys enables you take action to reduce consumption, optimize equipment run times and take advantage of demand response and real-time pricing programs.



*Energy efficiency, management and control can reduce usage by as much as 43%*

## JENEsys Delivers Business Value

*The JENEsys Building Operation System delivers compelling value including the ability to:*

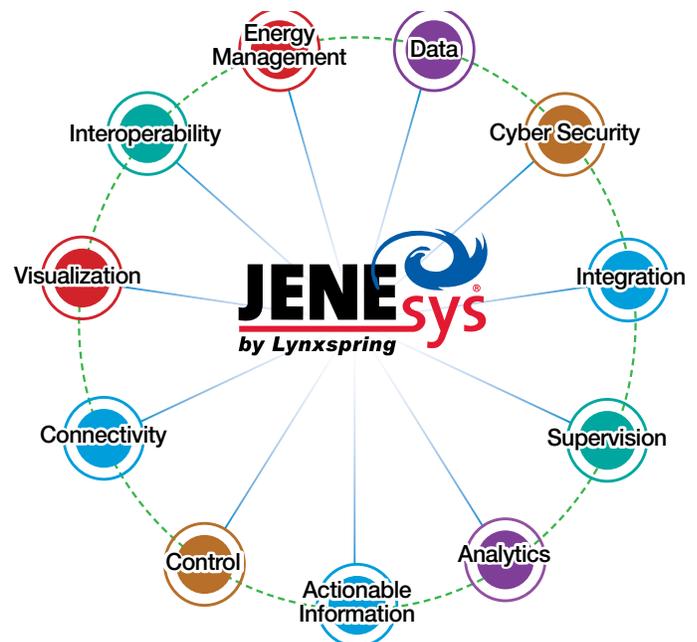
- Preserve existing system investments and integrate them with new open, standards-based technologies
- Provide access and control of all your facility operating systems
- Combine information from different systems to support better overall facility operational performance and energy management
- Enable you to specify systems and applications from multiple vendors, thereby reducing the potential for vendor lock-in
- Operate in a cyber secured environment

## JENEsys Delivers Technology Value

*The JENEsys Building Operation System delivers compelling technology value including:*

- Multi-vendor interoperability
- Edge-to-Enterprise
- Flexibility and extensibility
- Supports multi-party software and hardware
- Real-time data driven dashboards
- UI on web, desktop, mobile
- A single tool
- Co-existence of multi-applications
- Open system/open standards
- Device universality
- Easy, rapid deployment
- Scalability
- Remote access & management
- Secured & protected environment

*JENEsys' scalable, modular platform is designed to meet the needs of today's fast-changing, fast-growing enterprises, whether it's a single facility or multi-site environment*





## JENEsys Delivers Operating Value and Return on Investment

### Financial/Business Management

- Streamlines operations by integrating all building systems and equipment in the enterprise
- Improves profitability by lowering cost of operations
- Provides better control and manageability of multiple facilities from a central office location
- Improves workflow and resource management
- Increases tenant/occupant comfort and satisfaction

### Energy Management

- Supports improved energy control and management
- Reduces utilization and costs
- Provides knowledge of individual consumption patterns and trends

### Facility and Equipment Management

- Increases system and equipment functionality
- Improves facility operations and occupant comfort
- Reduces equipment downtime and maximizes lifetime value
- Improves visibility into operational assets

### Maintenance & Operations

- Speeds maintenance and problem resolution
- Supports preventive maintenance
- Enables remote diagnostics and repair

The JENEsys Building Operation System helps both small and large organizations integrate, measure, manage and reduce energy costs through enhanced integration and systems management and provides energy management capabilities for large campuses and geographically dispersed enterprises.

### About Lynxspring

Lynxspring is changing the way people, devices, and systems communicate, collaborate, and are secured across enterprises. Our technologies and solutions are enabling users to go further to manage and operate their facilities and equipment smarter, safer, more efficiently securely, and at peak performance levels. We have changed the way control systems are built and distributed.

### ***Lynxspring – GO FURTHER.***

For more information about Lynxspring, please contact us at **816-347-3500** or at **[www.lynxspring.com](http://www.lynxspring.com)**.

