



## Healthcare/Hospital Solutions



*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.*

For many hospitals and medical service organizations, facilities represent the second largest operating expense (after personnel) and the largest use of capital. Well-maintained health care facilities are important for safe and efficient patient care.

Facility and operational managers experience a unique set of challenges when it comes to managing facility operations and the numerous systems and equipment that run their buildings. Hospitals are very complex environments that operate on a multitude of stand-alone technologies for the facility infrastructure. It is very likely there are some that are newer with feature advanced technologies while others utilize technologies which are not widely supported anymore.

In many cases, these systems and equipment function as individual silos, unable to interoperate and share usage data that when utilized properly, provide the whole picture of how operational resources are expended. A lack of interoperability between these systems can negatively impact the performance of a facility, patient satisfaction, and drive up operating costs. This complexity makes it more difficult to take advantage of the information existing control systems provide and results in poorly managed building systems, wasted resources and higher operational expenses.

### ***Facilities Matter More than Ever***

Managing facility assets strategically by acquiring and maintaining reliable data and using it to identify priorities has a strategic business impact. Operating and managing today's hospitals and healthcare facilities are being driven by performance, financial optimization, efficiency, code/regulatory requirements, safety and the patient experience. The rising cost of energy and maintenance, financial pressures to contain costs and the need to reduce risk and cyber security are contributing to how we must operate and maintain these facilities.

Healthcare facilities are equipped with a wide range of systems and devices that control HVAC, energy management, lighting, security and more. The integration and interoperability between these systems is critical in maximizing operations. The challenge of getting these diverse systems that speak many different protocols to connect and communicate with each other and to the enterprise has been an enormous barrier. That is until now. The JENEsys Building Operating System addresses these challenges by providing a proven solution for interoperability and efficiency.

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

Powered by the Niagara Framework®, this open and unified operating system 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 data from facility equipment, systems and edge devices and enables facility personnel and operators to adopt a converged and common operating platform to achieve integration and operational efficiencies between multiple building systems and devices. It provides you with an operating system from which to manage and understand how their buildings are performing and manage energy with a common user interface to all systems, devices, data and management.

JENEsys is a fully-integrated solution that helps create more efficient, reliable and safer healthcare facilities. It enables hospitals and healthcare facilities to improve interoperability, performance, efficiency and overall patient care by bringing together a variety of hospital systems – into a single, intelligent control and operating system. The seamless integration of systems and equipment ensures optimal operations and allows hospital staff to quickly and accurately analyze and respond to events in order to provide the most efficient, comfortable and secure environment possible.



*Facility operations comprise one of the largest operational expenses – up to 40%*

**The JENEsys Building Operation System enables you to experience:**

- Increased operating efficiency and performance
- Improved maintenance operations
- Enhanced patient comfort and satisfaction
- Reduced overall operating costs
- Lower energy costs
- Competitive bidding for installation and maintenance with contractors of your choice
- Maximize equipment and system lifetime value

### JENEsys Delivers Business Value

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

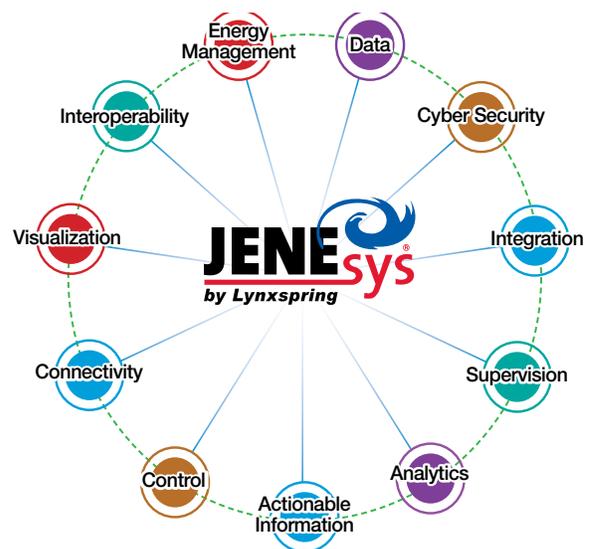
- Preserve existing system investments and integrate them with new open, standards-based technologies
- Provide access and control of all your facility operating systems
- Combine information from different systems to support better overall facility operational performance and energy management
- Enable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

*JENEsys' 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 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 Delivers Operating Value and Return on Investment

### Financial/Business Management

- Capture data and use it
- Streamlines operations by integrating all facility systems in the enterprise
- Speeds resolution of revenue-impacting problems
- Improves profitability by lowering cost of operations
- Provides better control and manageability of multiple facilities from a central location
- Improves workflow and resource management
- Data and analytic information to plan accurately for future facility expenditures
- Identify low- and no-cost strategies for improving efficiency

### Energy Management

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

### Facility and Equipment Management

- Increases system and equipment functionality
- Identifying underperforming equipment and systems
- Get down to system-level data and understand how these systems are actually performing
- Understand the real use of the systems and equipment
- 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

## JENEsys and Energy

With rising energy costs and the move toward more sustainable buildings, the importance for managing and controlling energy use, maximizing efficiency and reducing costs has become critical both economically and environmentally.

JENEsys with its energy management capabilities and analytics serves as a comprehensive energy management tool that 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.

### 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).

