



Education (K-12 and Universities) 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.

Facility and operational managers in the educational built environment experience a unique set of challenges when it comes to managing their facility operations and the numerous systems and equipment that run their buildings. For many educational institutions and school districts, facility operations and maintenance represents one of the largest operating expenses.

Universities and K-12 facilities are very complex environments that operate on a multitude of stand-alone technologies. 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 data with each other. A lack of interoperability between these systems can negatively impact the performance of a facility, their efficiency and drive up operating costs. This complexity makes it more difficult to take advantage of the information these systems provide and results in poorly managed building systems and wasted resources.

Facilities Matter More than Ever

The pace at which change is occurring is one major challenge. Operating and managing educational facilities are being driven by performance, financial optimization, efficiency and safety. The rising cost of energy and maintenance, financial pressures to contain costs and the need to reduce risk are contributing to how we must operate and maintain these facilities. Integrating these systems and equipment and managing facility assets strategically by acquiring and maintaining reliable data and using it to identify priorities has a strategic business impact.

Universities, K-12, community colleges, technical schools 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 and understanding how they are performing relative to each and what opportunities exist to reduce or control maintenance costs 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

The JENEsys® Building Operating System streamlines all areas of your operations – maintenance management, energy management, facility usage and technology management and addresses these challenges by providing a proven solution for interoperability and efficiency whether it is small or large institution or campus environment.

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 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 facilities. It enables educational 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.



It is estimated that K-12 schools spend more than \$6 billion a year on energy with facility operations comprise one of the largest operational expenses

The JENEsys Building Operation System enables you to experience:

- Increased operating efficiency and performance
- Improved maintenance operations
- Enhanced 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:

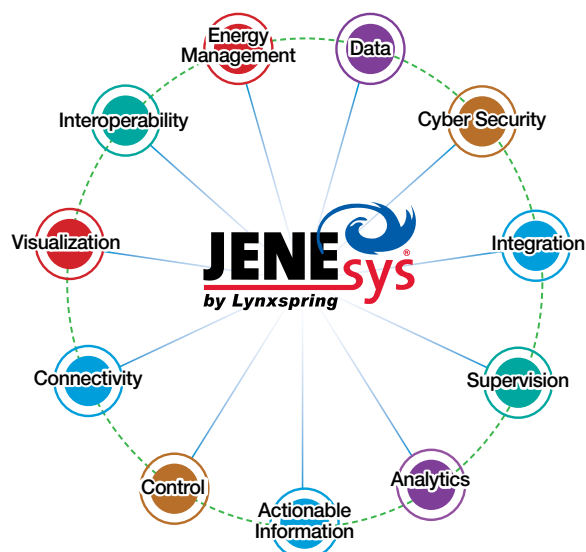
- Preserve existing system investments and integrate them with new open, standards-based technologies
- Provide access and control of all your facility operating systems
- Combine information from different systems to support better overall facility operational performance and energy management
- Enable 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 designed to meet the needs of today's facilities, 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

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 energy consuming a large part of an operating and maintenance budget, the potential to reduce energy consumption in existing facilities is enormous, as is the desire for improved energy efficiency.

JENEsys with its energy management capabilities and analytics serves as a comprehensive energy management tool that helps facility managers 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**.

