LYNXSPRING®
Technology Solutions Partner

JENEsys® Building Operating System for Healthcare

*Control, manage, and operate your facilities
at peak performance and efficiency levels.*

.

JENESYS®
BY LYNXSPRING

Energy Management
Connectivity & Analytics
Building Automation & Integration
Occupant Health, Safety & Wellness

Strategic Operation of Facilities Matter

Equipped with a wide range of systems and devices that control or monitor HVAC, energy management, lighting, and security—a critical goal for many health care spaces is maximizing the efficiency of these operations while maintaining a set of comfort and safety standards for the overall customer experience.

Building operators are seeking ways to accommodate new mandates and requirements in the operation of buildings. Evolving health protocols including indoor air quality (IAQ) for safe building occupancy has caused an increased focus on smarter ventilation systems.

JENEsys® Building Operating System

The JENEsys® Building Operating System, powered by the Niagara Framework®, is an ideal open turnkey solution for single facilities or a multi-building environment.

It combines connectivity, automation, integration, data access, tagging, normalization, control, supervision, predictive and preventative maintenance, visualization, and optional Cloud services into a single architecture.

Scalable and Open Modular Platform

Lynxspring's JENEsys solutions deliver connectivity, interoperability, and analytics via a single platform. It supports a variety of applications with the flexibility of common API's, development tools, open access, and an open hardware platform.

Our edge-to-enterprise technologies and solutions incorporate open, IP-enabled software frameworks and modular embedded hardware platforms that support multiple protocols, data exchange and analytics, and two-way communication.

Phased Implementation

We recognize that projects are subject to certain ROI requirements. Our solutions can be phased-in to meet your specific priorities and budget.

Built on an open protocol platform, JENEsys meets the specific needs of individual systems and allowing facilities to continually build off the same network deployment and add additional applications as desired.

Since each system component is open, each can be integrated and rolled out in a series of phased implementations. Add different modules, as necessary.

Healthcare Use Cases

Lynxspring worked with a leading facilities management organization standardizing a building operating platform for a group of hospitals that they managed.

Each respective hospital within the group had a variety of systems and subsystems to both integrate, monitor and control. Gathering data from each building in their respective subsystems (RTUs, AHUs, boilers, and chillers), Lynxspring's JENEsys controllers powered by the Niagara Framework® was the system-of-choice for equipment control, and remote access.

Lynxspring developed a custom application integrating disparate legacy devices that not only extended the life of existing equipment, but also allowed the project to stay on budget.

A centralized building system that was open, flexible, and could easily be accessed and modified was successfully deployed.

Smart Technology.

Smart Equipment.

Smart Solutions.

Smarter Buildings.

One IP Platform. Many Possibilities.

JENEsys Delivers Business Value

- Preserves existing system investments and integrates them with new open standards-based technologies.
- Provides access and control for all your facility operating systems.
- Combines data from different systems to better support overall facility operation, performance, and energy management.
- Enables specification of systems and applications from multiple vendors reducing the potential for vendor lock-in.

JENEsys Delivers Operating Value (ROI)

Financial and Business Management

- Streamlines/integrates multiple operations via a central location.
- Improves profitability by lowering cost of operations.
- Improves workflow and resource management.

Energy Management

- Supports improved energy control and management.
- Easily provides data on consumption patterns and trends.
- Helps to identify and reduce energy utilization and costs.
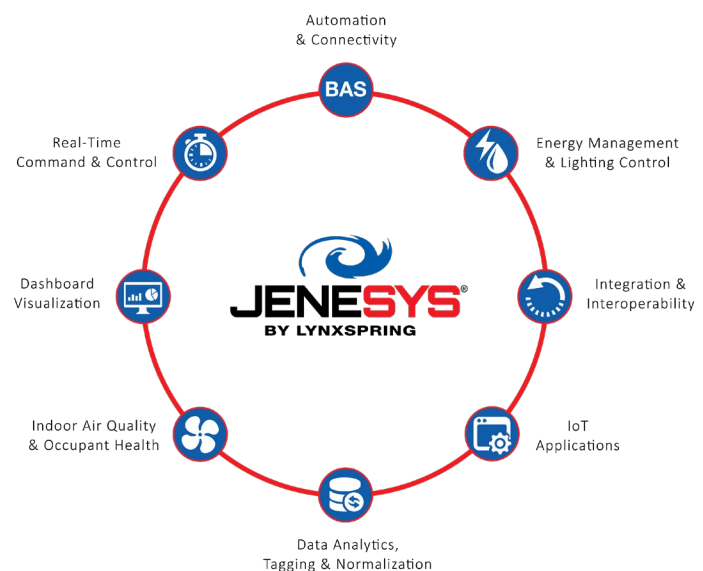
Facility and Equipment Management

- Increased system and equipment functionality.
- Reduces equipment downtime/ maximizes lifetime value.
- Improves visibility into operational assets.

Maintenance and Operations

- Quick troubleshooting/resolution of revenue-impacting areas.
- Easily enables remote diagnostics and repair.
- Supports preventative maintenance.

JENEsys Delivers Solutions

- A single tool with multi-vendor interoperability.
- Device universality
- Open system and open standards.
- Easy installation and rapid deployment.
- Remote access and management.
- Scalability, flexibility, and extensibility.
- Supports multi-party software and hardware.
- Real-time data driven dashboards.
- UI on web, desktop, and mobile.
- Co-existence of multi-applications.

JENEsys® and Energy Management

With rising energy costs, the importance of maximizing the efficiency of equipment and energy management systems has become even more critical both economically and environmentally.

JENEsys' energy management capabilities and data analytics serves as a comprehensive tool that helps retail owners to better manage energy metering, identify trends, resolve potential energy inefficiencies, reduce overall operating costs, and increase employee or occupant health and safety.

JENEsys provides dashboard visibility into energy consumption and utilization patterns of retail spaces, making it easier to manage and identify opportunities for performance improvement and cost savings.

Combined with real-time management and control, JENEsys enables better optimization of equipment run times and demand response.

By optimizing a building's energy usage, companies can benefit by *double digit energy reductions*.

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Embracing open software and hardware platforms, Lynxspring develops, manufactures, distributes, and supports edge-to-enterprise solutions and IoT technology that create smarter buildings, smart equipment, and smart applications. The company's technologies and solutions provide the connectivity, control, integration, interoperability, data access and management and analytics enabling users to extract insight, value, and outcomes from operational data.

Lynxspring Professional Services provides comprehensive building automation controls, integration, and application services for all types of buildings, single facility and multi-building environments, new systems, or legacy systems.

Lynxspring's solutions are deployed in millions of square feet of commercial settings in the United States and internationally.