

VERTICES

Believe in Technology & Possibilities Beyond

VERTICES

Vertices, a wholly-owned subsidiary of the Keio Group, a brand new extension of Keio.

With over forty years of solid heritage, Keio has established itself as an industry renowned integrated solutions provider, specializing in Electrical & ELV, Mechanical, Plumbing & Drainage and Fire Protection Systems.

The Group understands that the only way to achieve long-term sustainable goals is by revolutionizing.

Vertices offers high-tech solutions to the industry by injecting and integrating the latest engineering products and building materials into current business models, to realizing the vision of smart transformation.



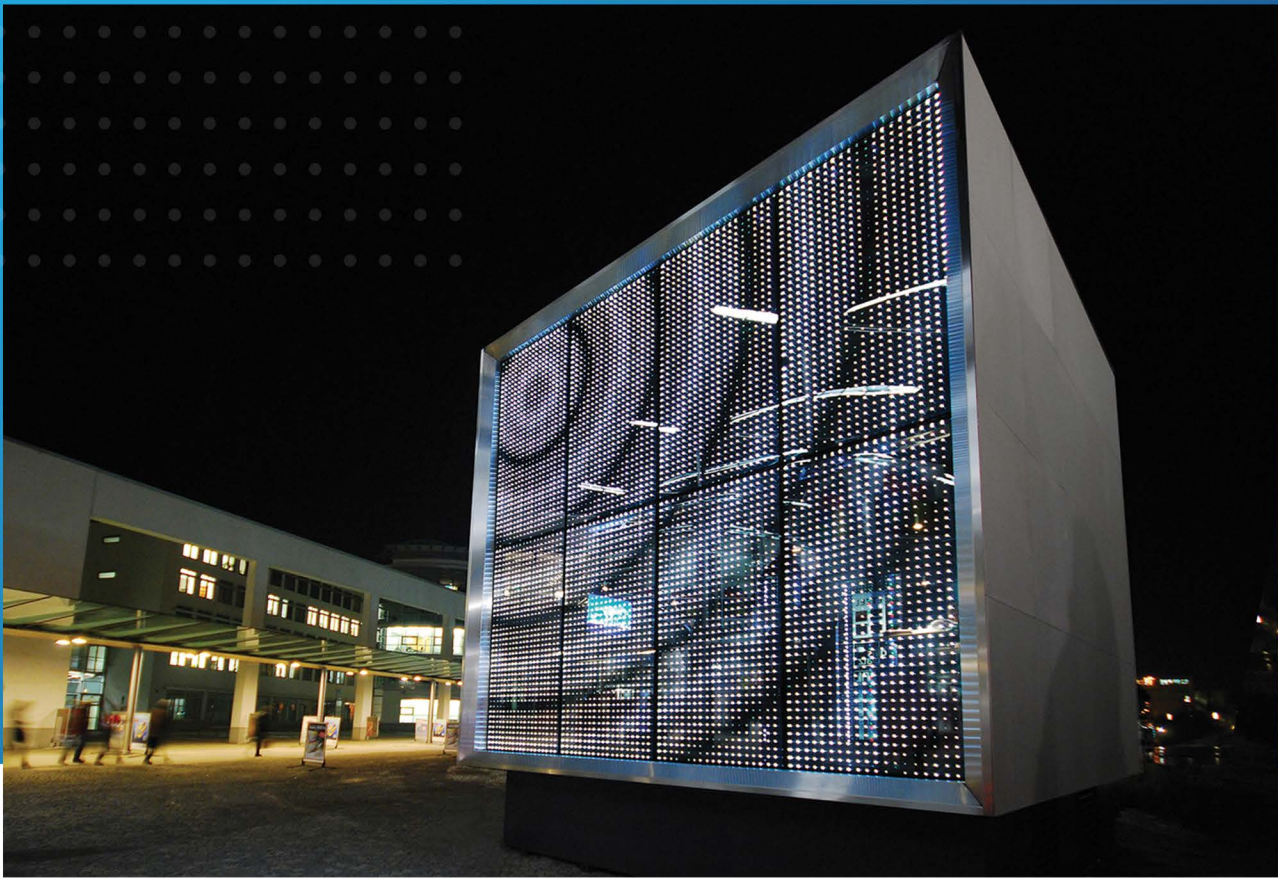
MEDIA GLASS

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The Art of
Glass Revolution

powerglass®, the world’s first transparent display device, has revolutionized the building materials and lighting sector by combining thin-film LEDs and ITO glass, perfecting fascinating lighting effects without the use of wires.

powerglass® creates a mysterious yet luxurious atmosphere by “floating” light in the air.

powerglass®



High-Tech Glass With Built-in LED

Advanced technology is incorporated into transparent displays with its transparent micro-spacing circuit of ITO glass without Z-DIOD, condenser and transistor to control the series of smart LEDs with low power consumption.

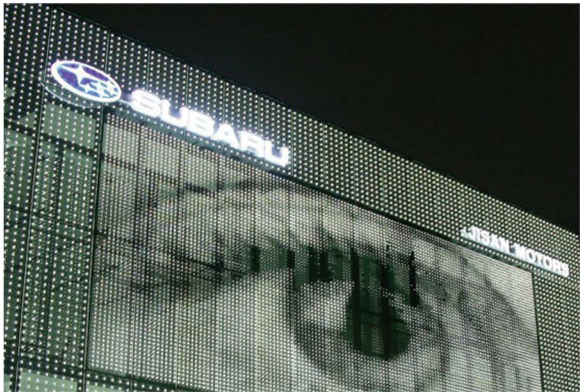
This technology has been used in over 1,500 projects worldwide. powerglass® can be applied to building façades and outdoor spaces, as well as being used as interior finishes, partitions, displays and decorations.

- Retail
- Commercial
- Residential
- Industrial
- Education
- Infrastructure
- Hospitality

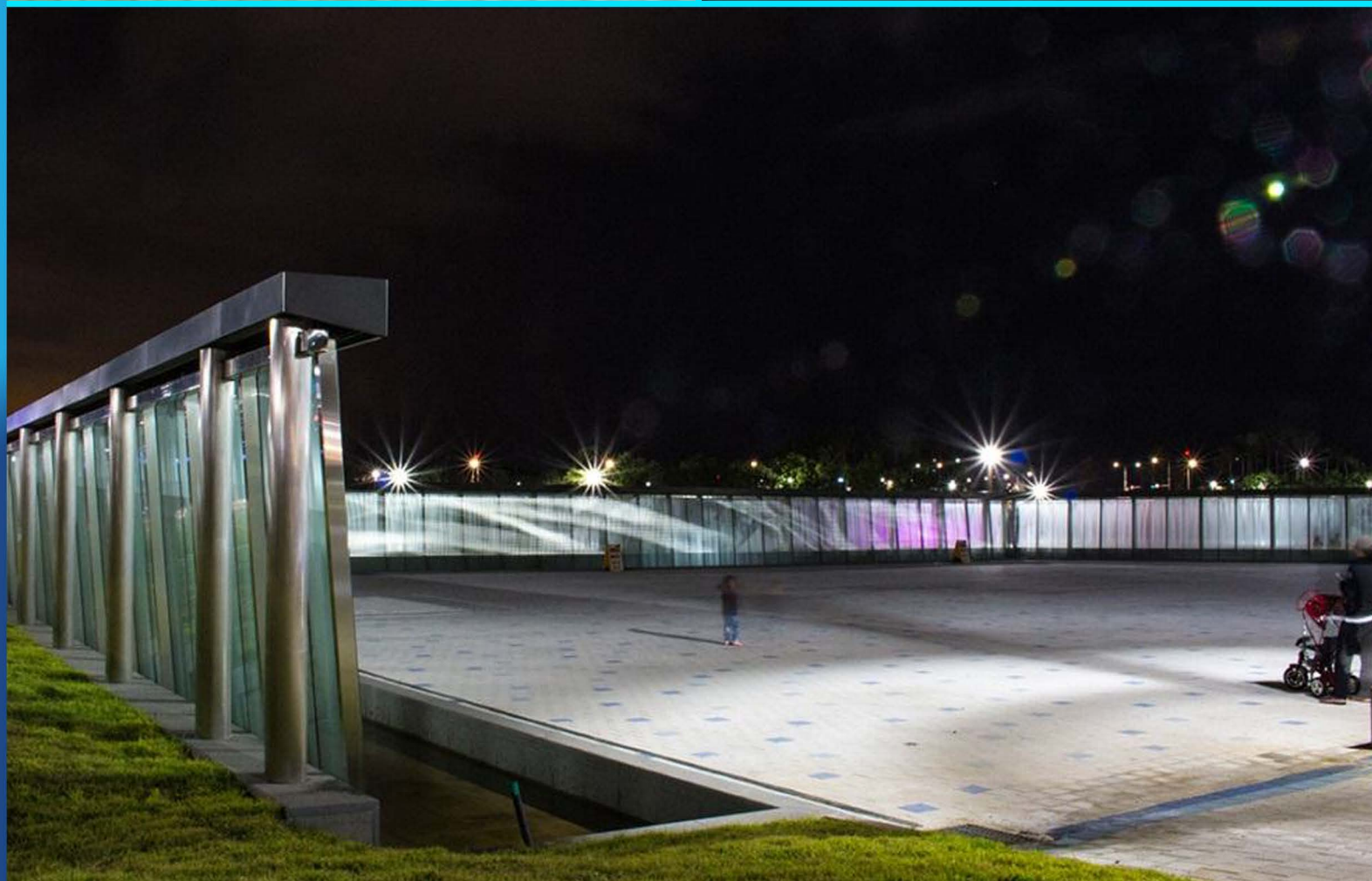
About powerglass®

Founded in 2014 in Germany, Peter Platz Spezialglas GmbH looks back to a decades-long family tradition in the field of glass processing.

The company specializes in processing technical glass, and strives to explore the application and potentials of multimedia technology in an endeavor to delve deeper into the art of media glass.



The Art of Glass Revolution



BUILDING MANAGEMENT SYSTEM (BMS)

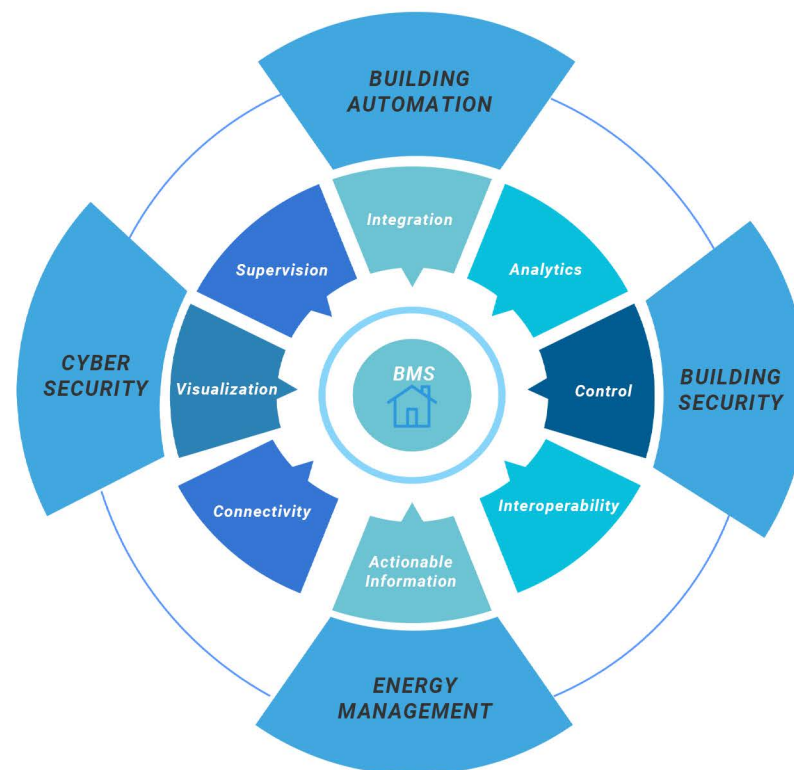
“The Heart of Building Automation



The transparency, standardization and automation that cloud technology offers transform traditional building management models.

Real-time monitoring, management and status updates of equipment are made possible through the utilization of online BMS software.

Intelligent analysis systems allow for more effective prediction of the state of machine parts and identification of optimization opportunities for the equipment, greatly improving the performance of building equipment.



JENESys® Building Operation and Information Platform

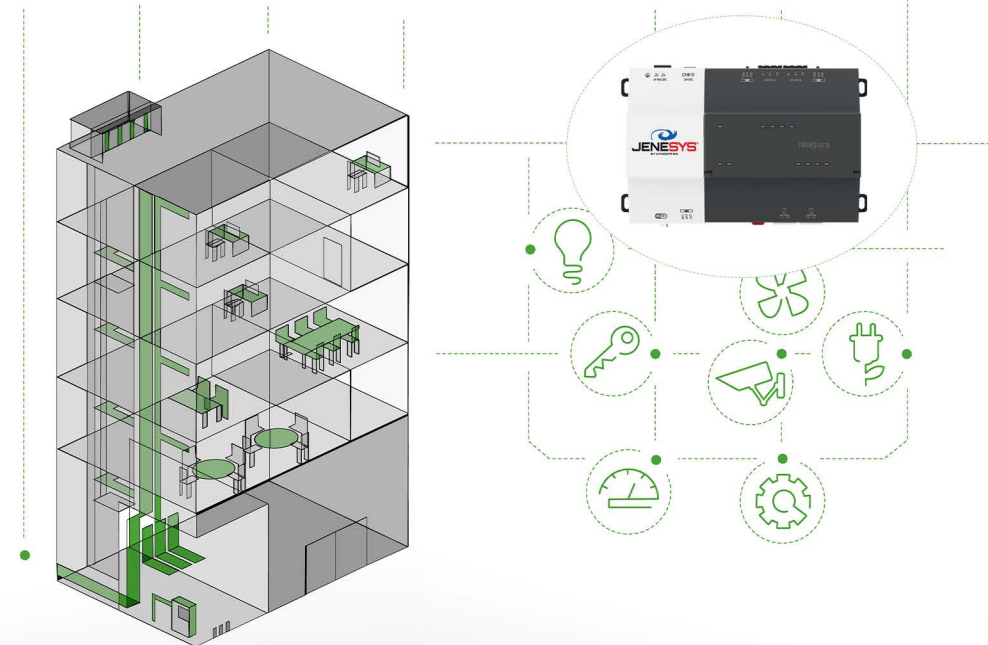
Any Device·Any System·Any Network·Any Protocol·Anytime·Anywhere

LynxSpring's JENESys platform (building operating system) is an open, unified, operational and informational system that combines equipment and device connectivity, integration and interoperability, supervision and control, energy management, visualization and actionable information (data & analytics) into a single, integrated architecture within a cyber-secured environment.

JENESys enables you to go further to manage and operate your facility smarter, safer, securely, more efficiently, and at peak performance levels, the system is scalable and allows organizations to continually build off the same network deployment and add additional applications as desired.



BUILDING MANAGEMENT SYSTEM



01 JENEsys® PC8000 Wi-Fi Enabled

The JENEsys® PC8000 is a compact, embedded Internet of Things (IoT) controller and server platform for connecting multiple and diverse devices and sub-systems.

KEY ADVANTAGES



Streaming Data

streaming data and rich graphical displays to a standard web browser



Performance Optimization

operating with Niagara 4 for optimum performance



Energy Saving

reducing energy consumption and costs, gaining knowledge within a cloud



KEY FUNCTIONS

- Integrated Control
- Supervision
- Data logging
- Alarming
- Scheduling
- Network Management



02 JENEsys Edge® 534

JENEsys® Edge™ products are an IoT controller combining the Niagara, under the Framework® with Lynxspring's Onyx® platform.

It is a fully programmable Niagara 4 Controller with 34 IOs built-in and expandable IOs available, delivering edge connectivity, interoperability, data access and analytics for today's buildings, energy management, machine-to-machine applications and IoT environments.

KEY ADVANTAGES



Connect & Access Data —Anytime, Anywhere



Reduce Engineering Time & Installation Costs



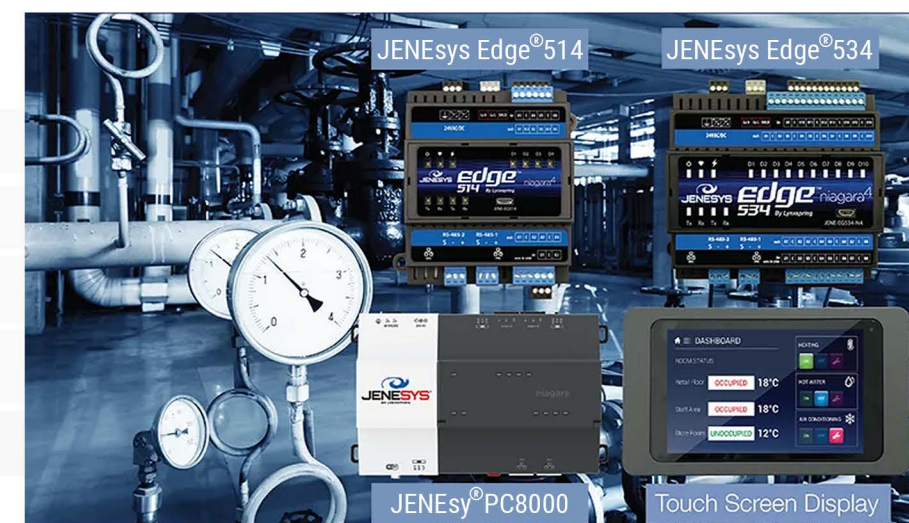
Fast & increased memory capacity



Small unit footprint



Real-time Linux OS



About Lynxspring, Inc.

Founded in 2002, Lynxspring embraces open software and hardware platforms and develops, manufactures and distributes edge-to-enterprise solutions and IoT technology for today's intelligent buildings, energy management systems, equipment control and specialty machine-to-machine applications.

LED DISPLAY SOLUTIONS



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**Endless
Possibilities
of Multimedia**

In this digital age where information flows fast, multimedia has become the backbone for communication and streaming technology becoming mainstream.

absen

About Absen

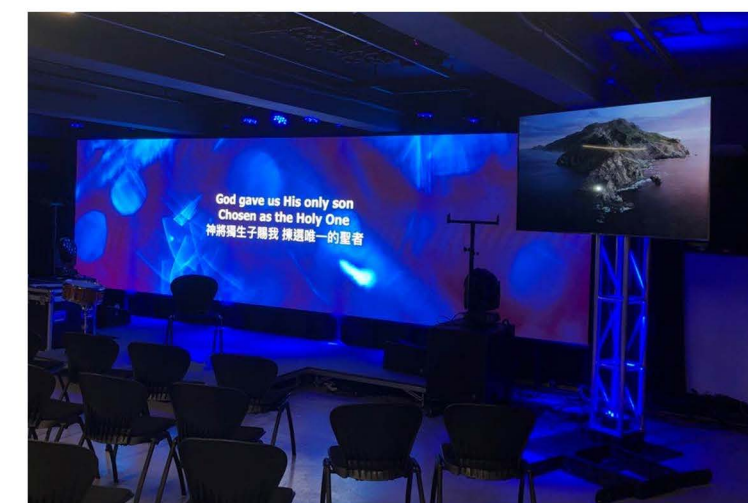
Established in 2001, Absen is the world's leading LED Display Solutions Provider, renowned for its high-quality products, global presence and full-service capabilities. Absen has delivered more than 50,000 installations to over 120 countries around the world.



Commercial · Outdoor Advertising · Event & Staging · Data Visualization



Vertices understands the pursuit for high-quality audio and visuals in addition to the ability to receive a large amount of information. This serves as a driving force for us to deliver sensory experiences of the highest level possible.



LED Display Solutions are formed by a series of seamlessly-connected display screens. The flexible display capability allows our clients to fully execute and present their marketing and publicity efforts as they plan.



SMART AUTOMATION

“ The Necessity of the Future

Smart systems are now part of our everyday life as we get accustomed to digitization at work and other aspects of life.



PeXcon
Technology & Consultancy Ltd.

ORVIBO

About ORVIBO

ORVIBO focuses on high quality smart home devices and systems. With the combination of technology and aesthetics, rebuild the environment of human living space and create more comfortable, secure and efficient smart living experience.

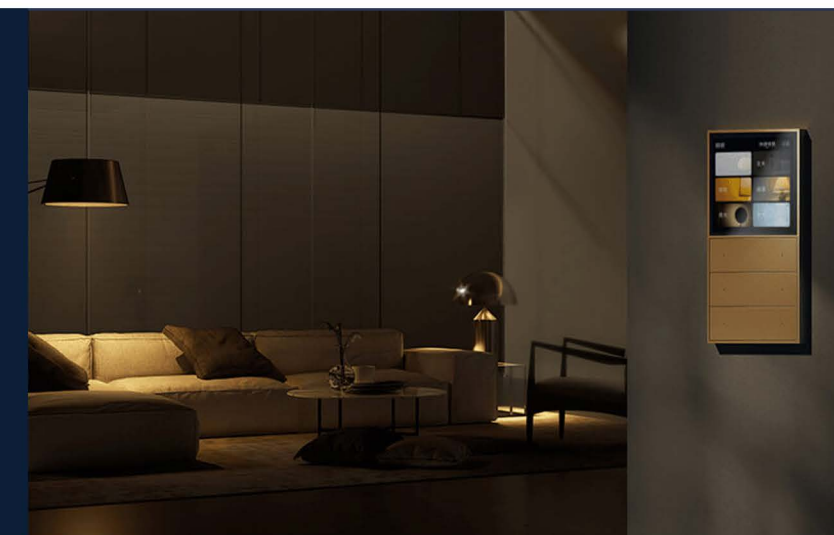
Going beyond the purpose of efficiency, productivity and cost control, Vertices pursuits the harmonious and seamless integration of smart automation into our daily life.

Vertices offers green, energy saving and high efficiency smart automation solutions that can match the design of spaces. The smart designs also come with real-time remote support through cloud technology that further digitizes and advances our everyday life.



APPLICATIONS

- ✓ Interaction Centre
- ✓ Home Security
- ✓ Smart HVAC
- ✓ Smart Lighting
- ✓ Home Entertainment
- ✓ Smart R+T



VERTICES

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