Self-Describing Data, Tagging and Semantic Modeling and Analytics Made Easy with the Release of Lynxspring's New Onyxx™ BACnet™ to Haystack Data Pump

Lee's Summit, Missouri — **March 23, 2016** —Lynxspring, Inc. (www.lynxspring.com), a premier developer and provider of open, IP-based solutions for intelligent buildings, energy management, cyber protection and edge-to-enterprise integration; today announced the general availability of its new Onyxx™ BACnet to Haystack Data Pump. Haystack methodology utilizes tags and semantic data models to define and describe the meaning of data from smart devices of all types and enables software applications to automatically consume, analyze and present data from devices and equipment systems.

 "Lynxspring has long believed in the importance of getting value out of data and today's release of the Onyxx Data Pump is another step forward in the path of maximizing the value contained in data and solving a critical gap in data efficiency and intelligent decision making," said Terry Swope, President and CEO of Lynxspring.

The data revolution has enabled companies to make better, more informed decisions and discover valuable new insights. With the number of and variety of equipment, sensors, devices and building automation systems that are available to connect to, the amount of building data available has increased considerably. With this, comes value in having large amounts of data. But, the challenge lies in how to manage and get useful information out of the data; especially as these data sets often come with various formats, naming conventions, and syntaxes.

"So many data driven projects stall or never reach their potential because companies struggle with the complexity of the data," said Marc Petock, Lynxspring's Vice President Marketing. He shares, "In helping to overcome the data challenge, facility owners, systems integrators, and providers can now easily use common naming conventions and tagging for their operational and energy data with one of the industry's preferred protocols."

While the potential for using data to improve energy and operational efficiencies is significant, the difficulty of organizing and understanding the data can be challenging. It's one thing to have access to data; it's another to make it actionable. While data can be technically available, one of the challenges of working with data is it can be very hard to organize and use across different applications. It is stored in different formats, has inconsistent naming conventions and lacks information to describe what it means.

Without meaningful, accurate and real-time data management, many struggle making critical and strategic business decisions that impact their company's bottom line.

Streamlining the interchange of data from BACnet devices and building and systems, The Onyxx BACnet to Haystack Data Pump provides network communication and data exchange. The device handles the protocol translation of BACnet points to manageable Haystack points. Acting as a BACnet client device the Onyxx Data Pump manages all BACnet/ BACnet/IP/Ethernet or BACnet MS/TP devices connected to it.

Key features of the Onyxx BACnet to Haystack Data Pump include:

- ✓ BACnet/BACnet/IP/Ethernet and BACnet MS/TP to Haystack
- ✓ Converts any BACnet device to a virtual Haystack device object
- ✓ Compatible with all Haystack servers
- ✓ Haystack output is client/server based with mass data storage onboard
- ✓ Pushes data and protects integrity; operator simply connects to the Onyxx Data Pump utilizing a standard browser; user is presented with all of the configuration screens, documentation, device settings, help, and software tools needed to complete a successful project

The Onyxx Data Pump is part of a portfolio of Lynxspring's E2E embedded edge hardware, bridges, gateways and edge-to-enterprise ecosystem for the Internet of Things™.

About Lynxspring, Inc.

Founded in 2002, Lynxspring is changing the way devices, systems, and people communicate—creating a world that is the Intelligence of Things™.

Embracing open and interoperable platforms, we design, manufacture and distribute JENEsys®, LYNX CyberPRO™, Helixx™ and Onyxx™ brands of internet-based automation and cyber security technology and edge-to-enterprise solutions for building automation, energy management, cyber threat and security protection, equipment control and other specialty applications. Our technologies support open interoperability that simplifies the automation and information architecture across the entire enterprise and out to the edge and significantly lowers costs. More information is available at www.lynxspring.com.

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