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ICONICS Expands Hyper Historian™ Capabilities for Hot/Warm/Cold Data Storage and Analysis Options

Providence, RI – October 31, 2017 – ICONICS is a global automation software provider and five-time winner of the Microsoft Partner of the Year award. The company provides advanced web-enabled OPC UA and BACnet certified visualization, analytics, and mobile software solutions for any energy, manufacturing, industrial or building automation application. ICONICS announces the integration and support of its Hyper Historian™ data historian with Microsoft Azure Data Lake for more data storage, archiving and retrieval.

When real-time "hot" data is collected at the edge by IoT devices and other remote collectors, it can then be securely transmitted to "warm" data historians for mid-term archiving and replay. Hyper Historian now features the ability to archive to "cold" long-term data storage systems such as data lakes, Hadoop or Azure HD Insight. These innovations help to make the best use of historical data at any stage in the process for further analysis and for use with machine learning.

"This is the next critical evolution of high-speed plant data historians," said Russ Agrusa, President and CEO of ICONICS. "With the ability to successfully archive real-time Big Data from sources such as the Internet of Things (IoT) and remote data collectors, our customers can now rapidly recall that information for use with multiple analytical solutions, such as ICONICS Smart Energy AnalytiX® and our suite of AnalytiX products, Microsoft's Cortana Analytics Suite, Microsoft Power BI, and Azure Machine Learning as well as others."

ICONICS Hyper Historian is a high speed, reliable and robust industrial plant historian solution designed for mission critical applications. ICONICS' exciting new cloud-enabled technology makes Hyper Historian one of the first industrial plant historians available on the cloud. It is now

more scalable than ever, as clients can utilize Microsoft Corp.'s cloud application platform to access their big data from any desktop, web browser or mobile device. This feature reduces IT costs with simple setup and minimal maintenance requirements, allowing customers to infinitely grow their application based on the changing needs of their business.

This new hot, warm, and cold storage capability is at the core of ICONICS' suite of analytics solutions. Its new Smart Energy AnalytiX and Smart Alarm AnalytiX products can ingest this big data from multiple IIoT and remote collectors to provide predictive analytics.

About ICONICS

ICONICS is headquartered in Foxboro, Massachusetts and is a global software developer of visualization, HMI, SCADA and energy solutions. With over 350,000 installations in over 80 countries worldwide and running in over 70 percent of Global 500 companies, ICONICS software is recommended for automating, monitoring and optimizing a customer's most critical assets. ICONICS has recently been named the 2017 Microsoft Application Development Partner of the Year and is a five-time winner of the Microsoft Partner of the Year award.

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ICONICS Background Information

ICONICS, a longtime Microsoft Gold Partner and five-time Microsoft Partner of the Year award winner, including the Application Development, CityNext and Sustainability Partner of the Year, provides solutions to improve productivity, reduce integration time and operating costs, and optimize asset utilization with visualization and automation software. Founded in 1986, ICONICS has 350,000 installations in over 80 countries worldwide. ICONICS meets the demanding application challenges of the automotive, building automation, food and beverage, government infrastructure, manufacturing, petrochemical, pharmaceutical, renewable energy, utilities and water/wastewater industries. As a managed Microsoft ISV Partner, ICONICS designs its solutions to leverage Microsoft technologies, including Windows 10, Windows Server, Microsoft .NET, Microsoft Azure, SQL Server and Microsoft SharePoint.

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