



PRESS RELEASE

For Immediate Release

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ICONICS Announces IoTWorX™ Software Suite Version 10.96

Foxborough, Massachusetts – October 18, 2018 – [ICONICS](http://www.iconics.com) is a global automation software provider and six-time winner of the Microsoft Partner of the Year award, providing 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 version 10.96 of its IoTWorX™ Industrial Internet of Things (IIoT) automation software suite for IoT edge devices, including support for multiple OSs and a new MQTT-based information broker.

With proven HMI/SCADA, analytics, and mobile solutions running in the cloud, IoTWorX 10.96 will bring advanced flexibility, security, and intelligence to any cloud application; made possible by utilizing Docker-compatible containers running ICONICS cloud services at the edge. IoTWorX 10.96 takes maximum advantage of Microsoft's Azure IoT Edge to bring advanced flexibility, scalability, and security to IoT edge devices. Multiple modules ("containers") from multiple vendors can run together in an IoTWorX gateway, either in isolation or in a shared environment. IoTWorX 10.96 executes logic at the edge, transforming affordable edge devices into intelligent IoT gateways. It also aggregates disparate real-world signals with support for industry protocols such as OPC UA, BACnet, SNMP, Modbus, MQTT, and web services, and publishes that real-time data securely to the cloud via AMQP, MQTT or REST transport protocols.

An MQTT broker is included that can facilitate MQTT messaging between the hosted containers, as well as to external sensors and devices. Additionally, the gateway supports an internal RESTful interface to its real-time data, providing all gateway-hosted containers direct access to the real-time data collected by the gateway. Users can view real-time data securely at the edge, on-premises, from any smart device.

Real-time edge analytics is possible, using built-in fault rules and workflow technology to calculate and buffer faults, then merging this information with ICONICS Facility AnalytiX® in the cloud. IoTWorX 10.96 also supports simple, easy-to-use device provisioning. Based on Microsoft's Device Provisioning Service for those devices that support the Trusted Platform Module (TPM) standard, minimal user interaction is needed, making it possible to provision thousands of devices in a secure and scalable manner across the enterprise. OEM custom containers can also be easily integrated into the IoTWorX 10.96 software platform.

“The latest version of ICONICS IoTWorX provides users access to the multiple benefits of cloud integration,” said Russ Agrusa, President and CEO of ICONICS. “This includes intensive fault analytics, advanced visualization, support for additional operating systems, and other capabilities provided through Microsoft Azure and other cloud service providers.”

IoTWorX 10.96 provides an end-to-end affordable IoT solution for any industrial or building automation application without sacrificing the hardened security and scalability often required by companies implementing IoT solutions. By introducing support for both Windows and Linux OSs, the solution provides flexibility in selecting the right hardware platform for an edge device that best fits a customer's use case. IoTWorX 10.96 runs on most Intel-based gateways and servers, ranging from low-cost platforms to high-end Xeon-based edge servers.

The following operating systems are currently being tested with IoTWorX 10.96:

- Windows 10 IoT Enterprise
- Ubuntu 17.04
- Debian version 9
- Yocto Linux 3.0
- Windows 10 IoT Core

The ICONICS Information Broker, being introduced in the 10.96 release, will provide support for replication of point-to-point connectivity between individual systems. Based on MQTT and the Enterprise Service Bus architecture for data management and integration of applications, it uses a service-oriented architecture for the exchange of information between systems in a secure and scalable way, enabling enterprise application integration of services and applications.

To learn more about the IoTWorX software suite, visit ICONICS online at www.iconics.com/IOT.

www.iconics.com

ICONICS Background Information

ICONICS, a longtime Microsoft Gold Partner and six-time Microsoft Partner of the Year award winner, including the Manufacturing, Application Development, and CityNext 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 100 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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