



Axzon Inc. Enables Sensor Insights in the Cloud with its ReaderService™ Technology Stack

Axzon delivers sensed data to the cloud through its ReaderService technology stack, thus enabling rich, actionable insights for a range of IoT applications.

AUSTIN, TX, UNITED STATES, January 14, 2019 /EINPresswire.com/ -- [Axzon](#) Inc. the pioneer of [passive sensing](#) and connecting the unconnected, using its rich portfolio of smart passive sensors, is now introducing [ReaderService](#) technology stack to deliver actionable insight for a wide range of applications at the edge of the network or in the cloud.



ReaderService, a Java-based software stack, runs on a UHF GEN 2 RFID smart reader (a reader with a host processor) or on any server that is connected to a reader, converting sensor data into actionable insight. The software stack includes algorithms based on Axzon's decade-long institutional knowledge in the smart passive sensing, to optimally control the underlying reader hardware and process sensor data. Besides optimally acquiring, filtering and aggregating sensor data, the stack also provides standard interface connections to other platforms through standard application-specific interface protocols to further process sensor data. These standard REST API and Message Queue interfaces enable scalable and turn-key integration into any edge or cloud platform.

"We continue to stay true to our corporate vision of connecting the unconnected and the relentless pursuit of making it simple for our customers to gain business insight through our innovative solutions. Our ReaderService solution is the latest system innovation which uses highly adaptive and innovative algorithms developed for over a decade at Axzon, making it effortless for our customers to acquire unprecedented sensor data and to make informed business decisions," says Shahriar Rokhsaz, CEO of Axzon. By delivering a conduit for sensor data into a cloud-processing platform, ReaderService truly enables the next wave of industrial IoT applications like predictive maintenance and logistics for cold-chain and bio-pharma industries. ReaderService extends the digital twin concept to a new level by associating assets with unprecedented meta sensor data. Industrial assets such as factory equipment or datacenter server racks, as well as products in the cold-chain process flow can be continuously monitored for relevant sensor data such as temperature excursions, the presence of moisture, pH, strain or a host of other conditions that can prove damaging to the equipment and to the company's bottom line.

The latest release for ReaderService™ is available now to be deployed either on select readers or on any server connected to these readers. For product brochures, please visit www.axzon.com/industrial-iot-sensor-platform. Please contact our sales department at sales@rfmicron.com for more details.

About Axzon

Based in Austin, Texas, Axzon (formerly RFMicron, Inc) produces end-to-end wireless sensing solutions that bring the Internet of Things (IoT) to industry and businesses in need of real-time business insights into productivity, performance, and environmental threats along their supply chain. Since its founding in 2006, Axzon has led the expansion of sensing capabilities to meet the unique, large-scale demands of businesses whose success depends on knowing more about their operating conditions, including automotive manufacturing, healthcare, predictive maintenance, switchgear, cold-chain and data centers. Axzon's solutions include wireless Smart Passive Sensors™, SMART Edge™ systems, and other patented and patent-pending industrial IoT solutions.

Learn more at www.axzon.com.

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