SensThys® Introduces New RAIN RFID Readers, Including the First in a New Line of Ultra Rugged Products

Recently Announced MTI Group Relationship Realizes the Ultimate SensArray Products and a Multi-Sensor Robust Reader

CUPERTINO, CA – March 28, 2019: [SensThys®, Inc](). a technology company that seamlessly integrates sensors, communications, and high efficiency power distribution into a networking platform, expands enterprise class reader capability, a tripling of POE power, a rugged IP67 unit, and extensive new sensor capabilities.

"To reach the real potential of this industry, we collectively need to make our systems easier to use, more economic, and more robust in the real world. Last year we introduced a system with reader, antenna, data and power switching that addressed these challenges" explained Jo Major, SensThys CEO. "This year we've brought radical improvement in reader performance, power capability and communications to our network platform. On top of that, we're opening a new world of extreme - all-new cast-aluminum, IP67 reader for both passive and active tag formats."

The next generation SensArray features a new next generation RAIN Reader Engine. This development began with customer feedback and extensive benchmarking of many known reader solutions. This benchmarking led to MTI being selected as the source of read technology, and ultimately to the corporate partnership between MTI and SensThys.

The new SensArray features a new 90W power delivery and routing system, dramatically simplifying installation and the operation of many POE and GPIO peripherals.

"The next generation SensArray RAIN RFID readers can power up to 26 readers or over 100 read-points, from a single Ethernet cable, while also providing twice the RF power to each antenna with excellent reader sensitivity, and twice the GPIO power sourcing", said Neil Mitchell, SensThys VP, Sales and Marketing. "Many will be surprised by the SensX EXTREME. It is both tough and incredibly versatile, including internal WiFi and Bluetooth communications and both RFID and BLE beacon interrogation. It also includes internal sensors for reader location, acceleration, orientation, motion, and altitude. We see SensX EXTREME being adopted in warehouses, containers, long haul logistics, and vehicles".

The SensArray family members are:

- **SensArray-One**: Targeted at commissioning. The SensArray One has a single ethernet port for power and data. It appears as a networked antenna with the SensArray internal antenna.

- **SensArray-One Pro**: Includes a Class 8, 90W PoE input, reader power up to 33dBm, 4-In, 4-Out optically isolate GPIO that provides 30W for attached devices, and three Reverse SMA connectors for external antenna.

- **SensArray-Pro**: Adds two more Class 4 PoE output ports. The SensArray-Pro can be used for linking multiple readers and is capable of driving external antenna at 33dBm.

- **SensArray-Enterprise**: The SensArray-Enterprise has four 90W Class 8 PoE ports (one in, three out), enabling large complex reader networks with power from a single CAT6 ethernet cable, 33dBm RF power, 30W 24V GPIO, and 3 reverse SMA connectors for external antenna.

The **SensX EXTREME** sports a cast aluminum chassis and extended temperature operating range. This 33dBm reader includes the capability to read RAIN RFID tags and BLE beacons, know its location via GPS, can communicate via Ethernet, WiFi or Bluetooth, and includes sensors providing altitude/pressure, motion, and orientation. The EXTREME uses the same 33 dBm read engine and supports four external antennas via Reverse TNC connectors.

SensThys will be showcasing all these new products at Booth 228 at RFID LIVE! in Phoenix, AZ from April 2nd through April 4th, 2019. SensArray-Pro and SensX-Extreme are available immediately. The SensArray-One, One-Pro and Enterprise readers will be available May 1. Readers may be purchased from SensThys partners or directly from SensThys at https://sensthys.myshopify.com/. More information on these products is available at https://www.sensthys.com/products/.

About SensThys

SensThys offers the world's most functionally integrated RFID and sensor solutions with novel networking capabilities. SensThys products are designed to be attractive, unobtrusive, and deployable in a wide range of settings, from warehouses to retail spaces, while focusing on solution economics, and ease of use. These products enable the lowest-cost deployed solutions, in addition to ensuring robust power management and data networking.

The company includes management experience from Intel, SDL, Motorola, JDSU, Avanex, AMD, Watkins-Johnson, Harris, Varian, and VLSI and industry expertise from NXP, Alien, Thinkify, and Digime. Most recently SensThys was recognized by RFID Journal as having one of best new products on the year with the data and power routing IoT platform inherent in the SensArray. For more information, please visit www.sensthys.com.

SensThys, Inc. is a portfolio company of InSite Partners, LLC. SensThys, SensArray, SensX, SensRF are trademarks or registered trademarks of SensThys, Inc.

Media Contact:

SensThys Inc:
Neil Mitchell
831-708-8753
Info@SensThys.com