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Intellex Partners with Omni-ID to Develop High Memory Passive Tags

Intellex and Omni-ID Form Partnership to Develop a High-Memory, Passive UHF RFID Tag That Incorporates Intellex's XC1 Chip, The Only EPC Certified High Memory Chip

Santa Clara, CA, April 14, 2010 – Intellex, the leader in Extended Capability RFID, today announced a partnership with Omni-ID to develop high memory, EPC Class1 Gen 2 standards based tags using Intellex's XC1 chip technology. Omni-ID, a leading supplier of high-performance passive UHF RFID tags, will extend their product line to include tags with the XC1 chip, in response to customer requirements in the aerospace and defense markets. The first Omni-ID tag based on the Intellex XC1 chip is expected to be available in the third quarter of this year.

"The Aerospace & Defense industry has anxiously awaited standards based, compliant RFID tags with extended user memory" said Ken Porad, Associate Technical Fellow, The Boeing Company. "It will be very exciting to finally have them readily available."

Omni-ID offers a wide variety of high performance RFID tags that deliver near-perfect read rates on, off and near metals and liquids. Using a fundamentally different approach to RFID design, Omni-ID created a patented technology structure that allows for continued innovation and product development. Developing a high-memory tag based on the Intellex XC1 chip leverages this technology structure and is a natural extension of Omni-ID's existing tag portfolio targeting the industrial, manufacturing and defense markets.

"Intellex is a leader in extended-capability RFID and our partnership with them around their high memory chip fits well with our mission to bring RFID innovation to a variety of markets," said Stan Drobac, Vice President of Products. "We're looking forward to working with Intellex as we jointly focus on the industry's first EPC Certified high memory passive RFID tag."

"We are excited to partner with Omni-ID, a leading supplier of passive UHF RFID tags, to develop and bring to market the industry's first EPC Certified high memory tag product", said Peter Mehring, President and CEO of Intellex. "Partnering with Omni-ID furthers the availability of Extended Capability RFID technology."

The Intellex XC1 chip is the only EPCglobal Certified UHF Gen 2 chip offering 60 kbits of extended memory. The XC1 chip offers industry leading capabilities, including:

- On-chip memory organized into 60, 1K blocks, each block having its own read, write and permalock password.
- Over-the-air data transfer between the tag and reader can be encrypted using EPC standards based custom commands for enhanced security,
- Three levels of user access security are available for accessing the data in extended memory, each user access level having its own password.
- Authentication of the tag, providing the ability to confirm the tag is the original tag, not a cloned version.

The Intellex XC1 chip is currently available to ship in volume. In addition to the XC1 chip technology, Intellex also offers Extended Capability Class 3 (XC3) battery assisted passive technology which adds to the XC1 capabilities by extending the read/write range to 100 meters and adding support for sensors.

Intellex and Omni-ID will both be exhibiting at the upcoming RFID Journal Live Show in Orlando, Florida, April 14th – 16th, at Booths 660 and 434, respectively.

About Intellex

Intellex is the leader in Extended Capability RFID solutions, products, and technologies. Intellex's passive XC1 and battery assisted passive XC3 technologies enable solutions for asset tracking, cold chain management, vehicle/yard management, manufacturing WIP control, supply chain automation, parts maintenance, access control, and other applications. For more information, please visit www.intellex.com.

About Omni-ID

Omni-ID is the leading supplier of passive, low-profile UHF RFID solutions. Through its patent-pending technology, Omni-ID "cracked the code" to overcome the problems traditionally associated with RFID, enabling a broad range of new applications that improve accuracy and efficiency in asset tracking, supply chain management and work-in-process. The company's family of versatile RFID tags work reliably in the harshest environments including on, off, and near metal and liquids and excels in solving tracking and identification challenges with unprecedented accuracy. With major offices in Foster City, Calif. and in the UK, Omni-ID's mission is to drive the widespread adoption of RFID technology as the optimal tracking and identification solution. For more information, visit www.Omni-ID.com.

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