Battery Assisted Passive RFID Technology Brings Low Cost Smart Temperature Monitoring To Cold Chain

CSL’s RFID temperature sensor portfolio makes cold chain temperature monitoring at the carton and item level convenient and affordable.

Orlando, Florida (PRWEB) May 01, 2013 -- Convergence Systems Limited (CSL), a global provider of both passive RFID tags, readers, and antennas and active RTLS equipment, announces their portfolio of UHF EPC Class 3 Gen 2 Temperature Sensor Tags. Designed for operating under difficult and harsh cold chain environments, CSL’s Temperature Sensor Tags have the ability to monitor cold chain temperatures in cold storage applications, mobile overseas containers, and trailers moving from coast to coast. In addition, the tags are user programmable to set alerts according to business rules.

"Finally there is a product that can perform well in the harshest, coldest and most demanding environments," said Michael McCartney, Principal, QLM Consulting. “Companies can now feel confident in measuring and monitoring temperature through out the perishable cold chain."

The Temperature Sensing tags are available now and CSL is working with partners on important applications such as tracking salmon in Europe, monitoring perishable fruit in a global cold chain application, and product verification in temperature controlled warehousing and transportation.

“We are excited to partner with CSL in providing a cost effective and reliable temperature monitoring system based on a UHF RFID tag,” claimed Viktor Varan, CEO of Enlight AS and HRAFN AS.

“One of the major advantages of our Temperature Sensing Tags, as compared to other tags on the market, is that our tags are fully EPC Class 3 Gen 2 compliant and can be read by ALL EPC Gen 2 readers,” reports Jerry Garrett, managing director, CSL. “Moreover, CSL’s Temperature Sensing Tags provides a cost-effective solution for cold chain monitoring to extend temperature logging down to the carton level."

CSL’s Temperature Sensor Portfolio is available in several versions with options for multiple LEDs, push button, data logging, custom graphics, and more. The CS8300 Temperature Sensor Tag has a slim profile, is light weight, and low cost for cold chain tracking at the carton and item level. The CS8301 Rugged Temperature Sensor Tag is designed for the harshest, coldest and most demanding cold chain applications. The CS8301 Tag is fully enclosed by a plastic case to meet IP67 standards with LED lights to indicate temperature violations and battery life status. CSL provides a complete temperature monitoring system including demo software that is compatible with CSL’s full line of handheld and fixed readers, and antennas. For a demonstration, visit RFID Journal LIVE!, at CSL’s booth #229.

About CSL
Founded in 2000, Convergence Systems Limited (CSL) is a leading design engineering and sales company of RFID tags, readers, antennas, modules, and custom RFID hardware. CSL is unique in providing both passive EPC Gen 2 RFID products as well as a full line of active real time location system (RTLS) RFID products. CSL delivers a broad portfolio of RFID hardware for logistics management, supply chain, manufacturing, pharmaceutical, access control, transportation, and retail industries around the world. CSL is a member of EPCglobal and headquartered in Hong Kong with a global distribution channel. Learn more about CSL by visiting us at: http://www.CSL-RFID.com or sales (at) csl-rfid (dot) com.
Contact Information
Kelly Stark
Convergence Systems Limited
http://www.csl-rfid.com
+1-214-228-7882

Online Web 2.0 Version
You can read the online version of this press release here.