RFID system combines low and high frequency read/write heads with I/O

The Balluff BIS V Radio Frequency Identification (RFID) system is founded on a new generation of RFID processors that provide a single device for both low frequency 125 kHz and high frequency 13.56 MHz read/write heads with an IO-Link master port. Combining up to four head capability on both frequencies with local analog, valve manifold or I/O access/control, provides a solution users can apply to many types of RFID applications. This can save time and cost using a single processor platform across an application installation base. The system also allows users to draw on a single processor family with a wide array of read/write head and RFID tag options for both manufacturing and logistics solutions. The BIS V processor provides a functional display and LED's making status and setup easier. And a USB service interface makes connection for setup to today's PC's simple. Typical applications include combining multiple read/write heads with local I/O in tracking and traceability of material or parts in assembly line work in progress (WIP) applications, and inter-logistics in automotive, industrial equipment, electronics, medical and packaging.

Balluff, Inc.
800-543-8390, www.balluff.com [1]

Source URL (retrieved on *03/10/2014 - 11:20am*):
http://www.ecnmag.com/products/2012/09/rfid-system-combines-low-and-high-frequency-read/write-heads-i/o

Links:
[1] http://www.balluff.com