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.

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