



# **HARLAND**

## **MACHINE SYSTEMS**

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## **RFID Technology - Harland provides the solution**

**The packaging Industry is undergoing a radio frequency ID revolution and Harland America are at the forefront of this new technology providing the answers to all your needs. Visit Harland on stand E9627 to see the latest developments.**

The Harland 866/ 915Mhz RFID read/write system has a number of unique attributes solely developed for the application of encoded EPC tags to secondary packaging.

Unlike many other systems the Harland RFID Systems have the ability to read and write tags at far higher speed ranges than similar offerings. Capability to verify at 1000 individual tags per minute plus write rates up to 150 per minute are standard on all our systems. This coupled with over 30 years of designing and producing medium to high speed direct apply labelling systems that provides the solution to durable RFID outer case and bundle production machines. Unlike many RFID applicators the web handling drive mechanism is taken from process proven high-speed heavy-duty production equipment, built for low maintenance high throughput production lines. It is this approach and experience that allows RFID application equipment to be added to an existing production line.

As important as the rate and durability of the application is the connectivity of the system and it's ability to interface with a variety of reader manufacturers. These systems are IP addressable and have both Ethernet and Wireless options for normal operational data transfer or firmware/software upgrades. While connectivity is an important factor the system also has the ability to work in a "stand alone" mode allowing tag data to be generated from a barcode or entered by the operator from the integral HMI. Similarly tag performance data can be viewed via the HMI or communicated over a network connection. We can interface with standard ERP systems (SAP, Red Prairie etc) using structured file formats, XML, CSV or customised to suit your back end system.

Harland is a world-wide company supplying and supporting equipment in over 70 countries and it is this experience that allows us to design equipment that comply both with local standards and in the case of RFID the variety of frequency. Harland have government controlled frequency licenses required for testing equipment destined for various continents in our production facility prior to shipping.

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