VENTURE Research Inc.

Scalable RFID Compliance Solutions

EPCglobal

Level 1 - Pre Encoded Tags

For low tagging volume requirements, Venture Research provides the most cost effective solution. Tags are pre-encoded and validated at Venture Research, then dropped shipped to the tagging site where the tags are applied to the material using the Venture Research exclusive manual applicator. Tag usage is reported back to Venture Research and made available through our web-based repository. Optional direct feed to Retail Solutions is available to provide the utmost in traceability. Level 1 requires no IT infrastructure components.

Level 2 - Mobile Encoding

For mixed SKU requirements, Venture Research pioneered the ability to encode a tag directly on the material which allows minimum hardware but the flexibility of true mobile encoding. Additionally, Venture Research introduced the ability to upload tagged data through the use of a dedicated cellular link, thus eliminating the need for any IT infrastructure. The mobile encoding system ensures accuracy because the tag is verified after it is applied, insuring that it will be read further in the supply chain.

Level 3 - Bulk Encoding

The bulk encoding level introduces an RFID print and encode printer to allow bulk creation of tags that will be affixed to the product. A dedicated workstation is also available to improve carton rates for singulated carton and pallet level applications. A mobile hand held is provided to validate the tags once they have been placed on the material. This option can be integrated into existing IT infrastructures to accept order data that drives the creation of the tags.

Level 4 - Automated Encoding

Venture Research pioneered high speed line encoding with automatic SKU placement for best readability and its exclusive Write On The Fly™ technology. Achieving rates of up to 120 CPM, Venture Research systems can scale to any requirement for operational throughput. Fully integrated with palletization systems, pick and place forklift applications and dock door portal validation systems, Venture Research provides the complete solution for large scale, high volume manufacturing and distribution environments.