

Supply Chain/Compliance

Company profile

The client has been a leading manufacturer of pet products and supplier to major retailers with annual revenue of \$50 million.

Business situation

The client's core intentional need was to meet retail compliance requirements within a short time-frame and they explored to find a cost-effective solution that works within their facility and can provide futuristic benefits.

Solution

Sameva as a technological partner with Stratum Global, a leading RFID solution provider, came up with a key component - RFID Compliant Slap N' Ship kit. The proposed scalable RFID solution included the ability to verify that tags are active and not damaged during application, prior to shipment, suitable for future internal benefits as desired.

Shipping labels are printed on an adhesive label with an RFID tag embedded inside (referred to as a Smart label). The tag is commissioned with an EPC (Electronic Product Code) conforming to EPCglobal standards and placed on the case/pallet to be shipped to the retailer. Embedded in the EPC code is the actual serialized GTIN or SSCC number based on the Tag type. The tagged products then pass through a portal to verify that the tag is valid and recognized. Notification via stack lights confirms to the operator that the tag(s) is/are valid and is ready for shipment.

Having a solution with a verification component was essential to this supplier's needs. Verifying that the tags are valid before they are shipped to the retailer confirms that the pallets should be 'read' accurately when received at the distribution center or warehouse. Without confirmation, shipping cases/pallets could potentially be returned or penalties could be incurred due to bad RFID reads.

Benefits

Sameva's solution proved that the solution works as expected and meet the specific requirements. This scalable and cost-effective solution helped the client to verify tags to reduce returns and penalties. This would perform as required for future RFID opportunities as well.