

Hunan Vathin Medical Instrument Fulfilment of UDI Requirements



Hunan Vathin Medical Instrument is a leader in development, manufacturing and sales of single-use endoscopy devices. The products are used in respiratory, urology and colorectal applications. Over the years, it has established strategic partnership with major corporations across the globe, the devices are sold to developed markets such as USA, Germany, Japan, France, UK and Australia.

Business Challenges

1. Inability to keep pace with market demand - Along with UDI requirements in EU and USA, the current random label inspection plan does not guarantee 100% acceptance of UDI expectations
2. Multilanguages requirements – Due to market requirements, the demand of visual inspection on multiple languages has become challenging. There is a need to automate and increase accuracy
3. Auto-rewinding of printed labels - The availability of auto-rewinding feature is required to improve work efficiency and optimize operator resources

Solutions

Online rapid label inspection



The Vathin team was in search of an automated system that best fits customers requirements. The solutions from BLC (B-ZT6166) stands out owing to the following features:

Label auto-rewinding - Upon integration with Zebra ZT610, BLC has incorporated auto-rewinding while maintaining label output. It has helped free up operator resources and increased team management flexibility

UDI decoding capability - The BLC has built-in capability to differentiate Application Identifiers (AI) content of each GS1 label together with barcode inspection for UDI requirements

OCR feature - While visual inspection is not feasible, the OCR for multiple languages needs has been incorporated into the entire system. ie text recognition and barcode inspection

Benefits

The risk of UDI non-compliance has been eliminated through implementation of BLC solutions. Every single label from Vathin has been accounted for and inspected through the integrated system before exporting to customers. In addition, the auto-rewinding feature has relieved the resources to manually manage the labels on the production floor.

