

Application Brief

Scanning Air Cargo Unit Load Device (ULD) Container Numbers



Intermec has many software-based Imaging Solutions that enable automated data collection in the absence of barcodes and RFID. These imaging solutions take advantage of the enhanced scan engine, camera and optical character recognition (OCR) capabilities present in many Intermec mobile computers. Imaging Solutions are designed to promote the paperless workflow process and improve the tracking of unique air cargo Unit Load Device (ULD) container numbers.

Scanning ULD container numbers is one of the imaging solutions offered by Intermec. The ultra-rugged Intermec CK71 mobile computer, with the extended range EX25 scan engine, can perform long distance scans and withstand harsh outdoor conditions. The underlying OCR engine was developed in a common language for ease of wedging data into other applications.

Problem: A large air cargo company manages thousands of ULD containers each day and needed a method to automate the manual data entry of the ULD tracking number. Tracking the location of each ULD is a mandatory requirement for their transportation logistics and overall supply chain operations.

Solution: Intermec introduced its imaging software to automatically capture the ULD container number. The EX25 scan engine in the CK71 mobile computer is capable of scanning the tracking number from a distance of up to twenty feet. From these distances, the tracking number is easily captured. This automated method reduced their error prone manual key entry and increased processing efficiencies.

Conclusion: The air cargo company resolved issues associated with their manual recording process of ULD tracking numbers and estimates considerable man-hour savings and improved recording accuracy.

Contact Us: For more information on this and other software imaging solutions offered by Intermec, please visit www.intermec.com/software or contact Neil McHugh at neil.mchugh@intermec.com.