



Challenges and Pain

Making sure that all items that look very similar go into boxes, pallets or containers seems trivial and easy. Finding them wrong at the end of the supply chain even in rare occasions causes disruptions to the regular business fulfillment process. The result is rejected shipment where additional error handling, shipping time and charges to replace the wrong item. In some cases, such errors may incur further financial penalties.

Stiff penalties that are put in place where high volume or high traffic operations are necessary to stop people or entity from committing such trivial but disruptive errors. Whether the cost of the error is substantial or insignificant, putting the accountability on the receiving end of the supply chain is a flawed assumption.

Using people to eye ball the packing process, engaging a second person to counter check it and followed by a third person to supervise them is redundant and ineffective use of manpower resources. Implementing tally sheets only helps during initial period. The mundane tasks can result in compromising efficiency and increase in errors. This is known as the Halo effect where a set of repetitive activities that are not meaningful occurred.

Barcode Verification Application

The Barcode Verification application runs on mobile computer where it allows User to use the mobile computer to scan barcode on the reference barcode identified as items to be placed in the box, pallet or container. Any subsequent item scanned will be compared with the reference barcode. A differing barcode other than the reference barcode will result in an error beep sound and action has to be taken before proceeding to the next process

The verification process can be independent of the ERP or Warehouse Management System. You can use this application to speed up the implementation and secure the accuracy and quality in any part of the supply chain immediately.

Key Benefits

Efficiency – Save time and eliminate reprint of barcode

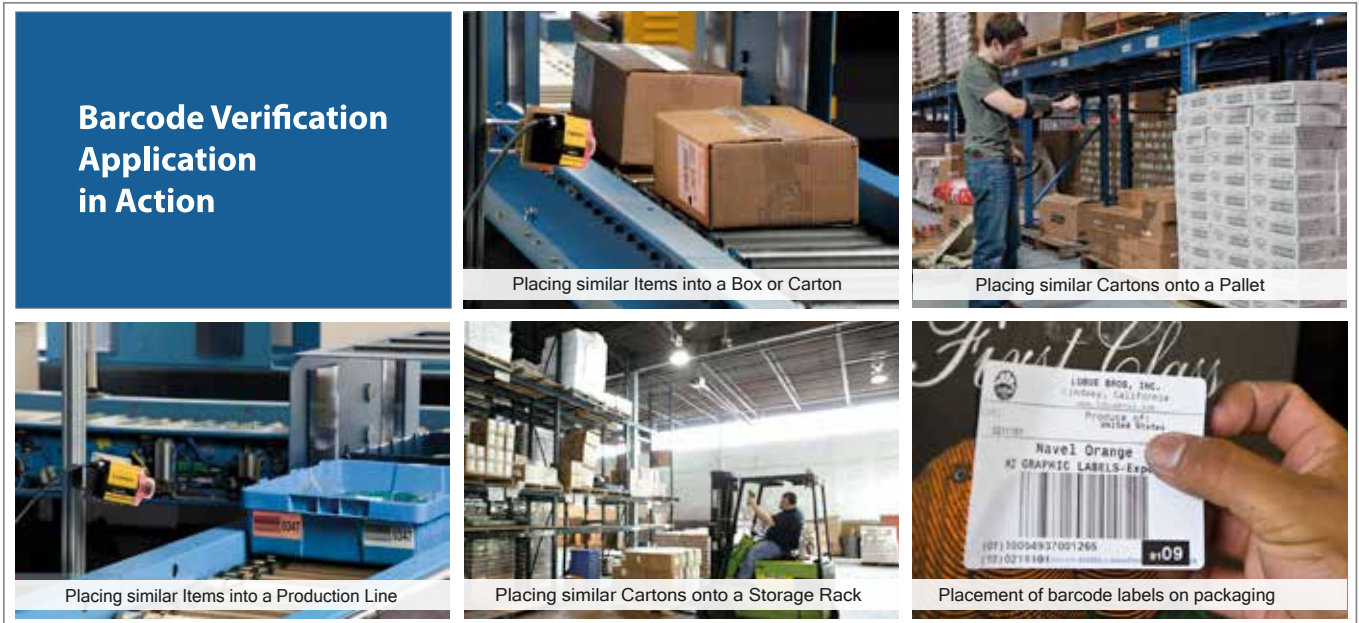
Accuracy – Eliminate manual entry and ability to scan all barcode

Compliance – Barcode that meet customer requirement

“It is fast and accurate, clean and efficient. This tool makes the process control inspection receiving picking and shipping job better”

Barcode Verification application are able to capture data into CSV format file which is accessible via a PC or notebook computer connected to it using Microsoft ActiveSync or similar. The data captured comes in three formats depending on how the application is being used. User can automate the process to upload the Supply Chain Management System, Production System or Warehouse Management System by using the data captured in the process.

Barcode Verification application can be used in multiple ways and sometimes requires simple changes to the SOP to achieve significant results. The following are several possible scenarios where the Barcode Verification application can be deployed.



System Requirements and Specification

System Requirements:

Notebook/Desktop - Microsoft Windows 7 or 8

Mobile Computer with Windows Mobile 6.5.0 and built-in barcode scanner

Language Supported:

English

Ideal Screen Dimension:

Width: 240 mm, Height: 320mm OR 240 x 320 pixels OR 2.8", 3.2" or 3.5" size



Kuala Lumpur Office: L1-1, Wisma Ehsan Bina, 3, Jalan Kuchai Maju 12, Kuchai Entrepreneurs Park, 58200 Kuala Lumpur, Malaysia.

T: 603 7980 8580 F: 603 7980 8790 Email: sales@grand-flo.com URL: www.grand-flo.com

Seremban Office: 219[1st Floor], Jalan S2 B8, Uptown Avenue, Seremban 2, 70300 Seremban, Negeri Sembilan, Malaysia.

T: 606 601 7221 F: 606 2817 827

Melaka Office: 11-1, Jalan BU5, Taman Bacang Utama, 75350 Bacang, Melaka, Malaysia.

T: 606 2817 806 F: 606 2817 827

Johor Bahru Office: 57-01, Jalan Harmonium 33/1, Taman Desa Tebrau, 81100 Johor Bahru, Malaysia.

T: 607 3511 972 F: 607 3526 125

Penang Office: G-9-2 & 3, Lorong Bayan Indah 1, Bay Avenue, Queensbay, 11900 Sungai Nibong, Penang, Malaysia.

T: 604 6456 991 F: 604 6456 993