



Grand-Flo Transfer (FG) Application

Challenges and Pain

In manufacturing, finished goods is the end product of many hours of labor going through multiple production steps and processes, being transformed slowly from the many raw materials into one end product ready for the market and its consumers. Therefore, the finished goods item is of higher value that not only comprises the total manufacturing costs (labor, machine, energy etc.) but also the value added costs.

There could be few problems as serious as misplacing the finished goods in the production floor, warehouse or anywhere in between transit. Wasted time and effort in searching for misplaced product is costing the company, which can be uncalled for in the first place.

In most manufacturing facilities, implementing ERP is a big task faced with many challenges. ERP implementation requires hours of configuration, development and implementation. It requires a very heavy investment that will take several years to achieve ROI (Return of Investment). Trying to automate every process is a tremendous task, trying to integrate them together requires an even more daring effort.

Transfer [FG] Application

Transfer (FG) Application is specifically designed for manufacturers that serialised its finished goods products. The application installed in mobile computer and printer allowed Supervisor to copy and import a list of serial numbers and finished goods location numbers. The serial numbers for the finished goods items are organised by its location at production floor. These are captured as "Reference" barcodes. Once the scanning procedure completed, the Supervisor will pass the mobile computer and printer to Transfer worker. The Transfer worker will proceed to respective finished goods area to collect the items and moved them to warehouse area.

Finished goods item with a matching scan will be picked and loaded into the transfer cart. A non-matching scan will result in an error beep sound. When errors happened. Transfer worker continues to scan the next finished goods item until all has been picked or the cart is full.

The Transfer worker proceeds to print the finished goods Transfer Picked slips for acknowledgement by both production supervisor and transfer worker before transferring all items to warehouse. Similar process will be applied when the finished goods reach warehouse. Once all the items have been scanned, the Storekeeper will print the finished goods Transfer Received slips for. Both the Transfer worker and Storekeeper will sign the copies to acknowledge delivery and receiving.

FG= Finished Goods

Key Benefits

“Speed up the implementation and secure accuracy and quality in any part of the manufacturing process”

Reduce operation losses

Easy access to finished goods location

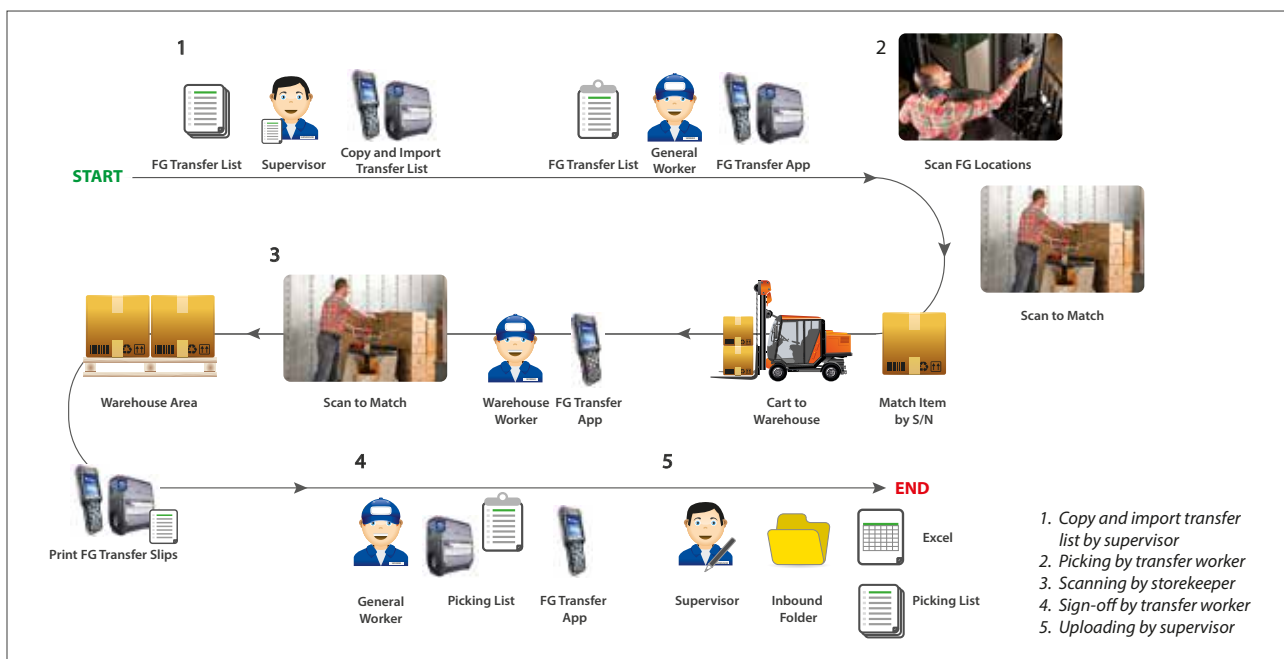
Achieve customer service goals

Data captured during finished goods transfer will be process into a CSV format file. The date captured comes in three formats depending on how the application is being used. The file is accessible via a PC or notebook computer connected using Microsoft ActiveSync or Windows Mobile Device Center (Windows 7 or 8). The application also enable user to update all data captured into their ERP System.

Necessary mobile computer accessories like cradle and cable will be needed to access and transfer file.

Transfer [FG] Application in Action

There are three parties involved, namely: Supervisor, Transfer Worker and Storekeeper in transferring of finished goods (with Serial Number) from production to warehouse area.



System Requirements and Specifications

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



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