Production system: ConsumeScanner

Module of semi-finished items consumption

Manual English Ver. 2.2

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Module overview

ConsumeScanner system module is tool for making scan of semi-finished items from its buffers like Primary goods buffer, Secondary goods buffer and so on. These item's material will be assigned to the next step of handling process in whole factory workflow and numbers of these packages of semi-finished goods will be removed from appropriate buffers.

General structure

ConsumeScanner is making registration of all semi-finished goods items at steps of usage these items from appropriate buffers when it follows to the next stage of workflow. This module is supposed to be used at such steps of workflow as supplying these items as new source material to next stages of workflow, like:

1. Supply of source items from Primary buffer storage pool to Secondary stage input.
2. Supply of source items from Secondary buffer storage pool to finished goods labeling stage input.
3. Supply of source items from Custom stage buffer storage pool to special workflow-defined destination stage input depending on factory specifics.

ConsumeScanner module is presented in a number of different implementations for suitable hardware platforms used at specific factory. This allows to use flexible tools and hardware chosen as best one for exact case and environment. All these modules are supposing to work in Wi-Fi network covering loading zone of warehouse or areas of inventory control:

1. Regular desktop computer or laptop with Windows Desktop OS regular implementation, which allows to operate on cable connected or Bluetooth scanner to collect numbers.
2. Windows Mobile/CE 6.5 industrial scanner device operating on scanning items with embedded scanner. There are such models as Datalogic (Falcon, Scorpio), Motorola or other similar ones scanners supported.
3. iOS Apple iPad tablet hosted solution, which allows to operate on cable connected or Bluetooth scanner to collect numbers.

Module usage for supplying goods on section input

ConsumeScanner module requires from operator setting by selection or scanning code an article for destination handling of semi-finished material supposed to be taken from buffer. After this setting selection, it'll be possible to scan a number of semi-finished items labels into input field.

The module will be able to resolve basic issue situations as

1. Scanning of already consumed number.
2. Input of not existing number.
3. Scanning of number marked as "corrected".
4. Another issue cases specific to workflow.

In case of appearing such basic issues as listed above, the module will be able to resolve it with giving appropriate message to the operator or even make special fixing actions as wrongly corrected bale restoration.

Satellite Semi-Product Consumption Scanner - IT Department Ver. 1.0.2 ✕

Raw Processing

Art. No. Artikel

10045 ⌄ Sample (AA) 1004

Bale Output No.

232133

Kvant