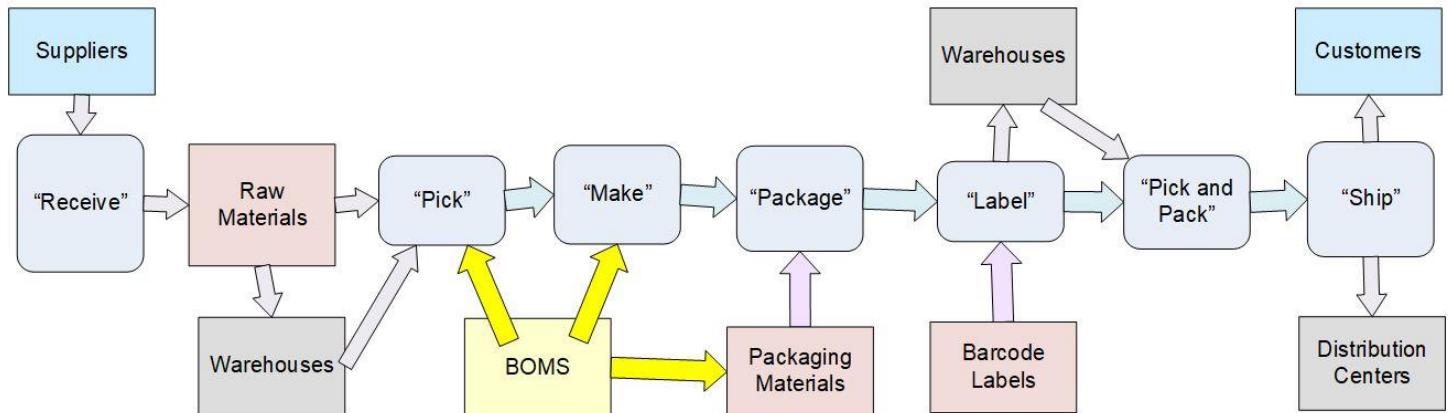


BellHawk Data Sheet Software Overview



The primary purpose of the BellHawk software is to enable the rapid and cost-effective implementation of systems that use License-Plate-Number (LPN) container tracking methods to track and trace the flow of materials in the industrial, medical, and construction supply chains.

Please see BellHawk data sheet on “License-Plate-Number Container Tracking Methods”.

BellHawk uses technologies such as barcode and RFID scanning, as well as mobile computing, to enable tracking the flow of materials without the labor costs or mistakes inherent in using paper forms, Excel spreadsheets, and after-the-fact manual keyboard data entry.

Within manufacturing plants that process materials, BellHawk can track the receipt and put-away of raw materials and their conversion into intermediate and then finished products, including the tracking of work-in-process materials. BellHawk can also track the picking, packing and shipping of finished goods, and can generate barcode labels on demand, when needed.

BellHawk can track materials at many different geographic locations, including within multiple stock rooms and warehouses, plus in yards, at building sites, and other field sites, as well as in-transit in vehicles. It can also track the installation and repair of materials and track assets such as tools.

Some of the key capabilities of BellHawk are:

- Gives real-time view of the status of raw, intermediate and finished materials, work orders, customer orders, work-in-process, and the shipment of products to customers.
- Tracks the movement of individual containers of material, serialized items, and assets rather than simply tracking the quantity of inventory at a location.
- Tracks materials with the same part numbers at multiple different geographic locations, including within multiple plants, warehouses, in-transit, in the field, and on building sites.

- Tracks nested containers of materials, such as multiple different materials, in boxes on a pallet and then, if needed, multiple such pallets on a truck/trailer.
- Ability to track materials by lot number, serial number and expiration date to meet requirements of agencies such as the FDA.
- Preventing mistakes, such as using, picking, or shipping the wrong materials.
- Maintenance of complete detailed materials traceability history to facilitate detection of source of defects and the limited recall of effected products.
- Integration of capability to quickly generate customer and situation specific barcode labels on demand based on a set of user-defined rules.
- Capture of the labor, machine time, and materials cost of making or processing products.
- Integration of complete industrial warehouse management capabilities including receiving against purchase orders, shipping against customer orders, picking of materials for production or customer orders, recording packing and truck/trailing loading, as well as the ability to do cycle counting and auditing of inventory without shutting down operations.
- Ability to exchange materials tracking and traceability data with upstream and downstream supply chain partners, as well as with ERP, accounting, E-Commerce, and Engineering Design systems.

BellHawk uses technologies such as barcode and RFID scanning, plus mobile computing to capture data over the Internet. It uses a web-browser user interface to enable capture and viewing of tracking data anywhere, any time there is an Internet connection, without loading any special software on the mobile devices or desktop computers, used to access BellHawk.

Please see BellHawk data sheet on “Systems Architecture” for details.

BellHawk is based on the use of a real-time expert system, which enables clients to configure the rules used by BellHawk for their specific application without needing to customize the software. This enables, for example, custom data elements to be captured and tracked, such as the dimensions and colors of materials.

BellHawk is available as affordable, ready-to-use packaged software in the Cloud making it ideal for use by smaller organizations without their own IT departments.

BellHawk is also available as an open-architecture software platform, which can be customized by the IT departments of larger clients to meet their specific requirements and integrated into their own IT ecosystems. In this latter role, BellHawk typically generates or provides at least 90% of the needed code and can save years and many hundreds of thousands of dollars of development time in implementing materials tracking and traceability solutions.

BellHawk is different from Warehouse Management Systems (WMS) and Enterprise Resource Planning (ERP) systems in that BellHawk dynamically tracks the flow of containers of material rather than tracking the static quantity of inventory at a location. This

is critical for any organization needing to track the flow of materials in their supply chain as well as those organizations needing to meet the materials traceability requirements of agencies such as the FDA.

The difference is that BellHawk has a Containers Table, which it uses for materials tracking, whereas other systems do not.

Please see BellHawk data sheet on “How BellHawk Tracks Inventory” for details.