



### BellHawk Online Overview



BellHawk Online uses barcode and mobile computer technology to provide the following low-cost and easy-to-use materials tracking and traceability systems:

- Simple Materials, Work-in-Process, and Asset Tracking System (BOL-SMTS)
- Simple Production Tracking System (BOL-SPTS)
- Barcode Inventory Tracking System (BOL-BITS)
- Job and Materials Tracking System (BOL-JMTS)
- Materials Tracking and Traceability System (BOL-MTTS)

In addition there is a Warehouse Management System (BOL-WMS) option which can be added to the BITS, JMTS, and MTTS systems.

Four industry specific packages are also available, which contain all the features of the above operations tracking systems plus additional features needed for their specific application.

- Manufacturing Execution System (BOL-MES)
- Food & Beverage Manufacturing Operations Tracking System (BOL-FMS)
- Pharmaceutical Operations Tracking and Traceability Systems (BOL-POTTS)
- Construction Operations Tracking System (COTTS)

Please see separate data sheets for details of these systems.

BellHawk Online provides a set of low-cost and easy-to-use barcode tracking solutions which are ideal for small and mid-sized manufacturing plants that do not have their own in-house IT department. BellHawk Online enables these organizations to use the BellHawk software at a secure data center without needing to invest in their own servers or the people to maintain these systems.

BellHawk Online runs at a secure data center in the USA and can be accessed over the Internet using any device that supports a web-browser. Each client company gets their own private website through which to access their data and their own private database in which to store their data.

Data collection can be performed in real-time from anywhere there is an Internet connection on a variety of devices including:

- Windows PCs equipped with corded or cordless barcode scanners that plug into the USB port on each PC.
- Android tablets and iPads equipped with cordless Bluetooth barcode scanners.
- Android or Windows based mobile computers with integral barcode scanners.

Operations status can be viewed anywhere, at any time, using any device that supports a web-browser, including Android smart phones and iPhones.

Clients do not need to purchase or use a barcode label printer with BellHawk Online. All materials tracking can be performed using pre-printed rolls of "license-plate" tracking barcodes, such as that shown here, which are available at affordable prices from our partners. Also barcoded travelers, receiving and picking sheets can be printed on office laser printers.



If printing of custom barcode labels for attachment to products, boxes, and pallets is required then the BellHawk IIOT Barcode Label Printing Appliance (BOL-BLPA) can be used to enable rules-based printing on a wide range of different barcode label printers, based on data in the BellHawk database.

BellHawk Online is available on a quarterly or annual pre-paid subscription basis for a few hundred dollars a month. It is an integrated system but is modular so that clients can start by subscribing to just the tracking functions they need. Then clients can then add functionality, as they need it, by upgrading.

BellHawk Online comes with a complete set of screens, reports, and Excel exports through which users can selectively view and report on the real-time status of their operations.

BellHawk Online can be used stand-alone or data can be exchanged with other systems using Excel file imports and exports. BellHawk Online also has a remotely accessible web-services interface through which external systems can exchange data with BellHawk-on-Line.

The BellHawk IIOT DEXBox appliance provides a simple database table interface for exchanging data between on-site systems and BellHawk Online. DEXBox also provides the local data needed for clients to be able to generate their own custom reports.

BellHawk IIOT appliances are also available, by special order, for interfacing to weighing scales and to RFID readers.

The BellHawk Online service includes the use of mirrored hard drives, nightly backups to the “Cloud” of each client’s data, and restoration from this backup in the event of a system crash. It also includes secure data-center support services such as backup diesel generator power and redundant Internet connectivity to ensure a high up-time. Secure encrypted communication with the BellHawk Online server is available.

BellHawk Online can be configured by users for their specific applications by using Excel imports. This includes being able to specify custom data collection fields.

BellHawk Online integrates best practices for tracking and tracing materials, such as "license-plate" tracking as well for tracking manufacturing operations. BellHawk Online has many capabilities but is priced to make it suitable for use by small and mid-sized organizations as well as by departments within larger organizations.

For more information, please contact [Marketing-Support@BellHawkOnline.com](mailto:Marketing-Support@BellHawkOnline.com) or call 1-(774)-708-9607. Also please see [www.BellHawkOnline.com](http://www.BellHawkOnline.com) for more details.