

Data Sheet for BellHawk Work Order and Labor Tracking System

Overview

BellHawk tracks work orders, as they transition from operation to operation in a manufacturing or other industrial environment. BellHawk also tracks the labor required for each operation on each work order.

These capabilities are made available as the Simple Production Tracking System (SPTS) through BellHawk Online. They are also available as part of the BellHawk Real-Time Operations Tracking Software (RT-OPS) which is available from BellHawk Online and also from BellHawk solution integrator partners such as BellHawk Systems Corporation.



BellHawk gives a real-time view of the status of work-in-progress and captures the labor expended for subsequent analysis. Management users can print out reports or download Excel exports giving the status of work-in-progress and showing how long work orders are held up between operations.

How BellHawk Works to Track Work Orders and Labor

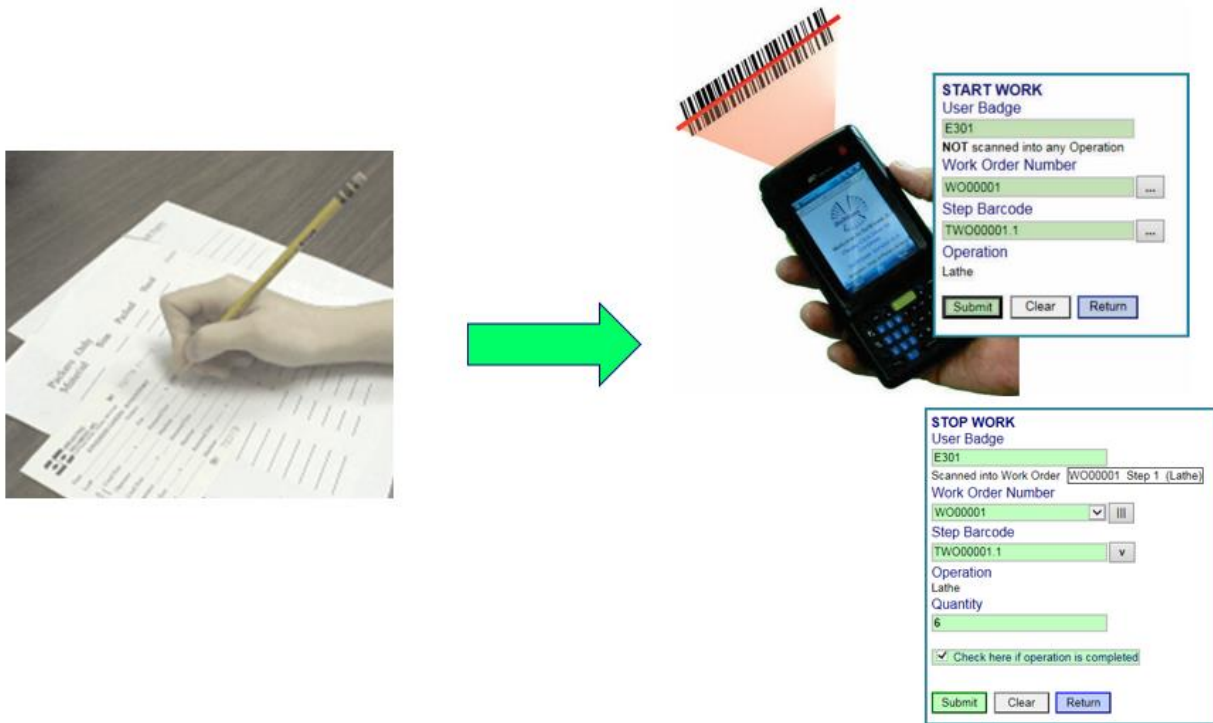
With BellHawk, users can set up production routes, and then use these to produce barcoded travelers, as shown here. These travelers can be scanned to track batches of material or individual items.

Alternately these work orders can be imported from another system using one of the available interfaces for BellHawk.

Operators can then record the start and end of each operation by scanning the barcodes on these travelers. This includes recording their labor start and end times by scanning a barcode attached to their badge. They can also record the quantity produced or processed during this time.

<i>Work Order</i>		
<i>Importance:</i>	Standard	<i>WO00000101</i>
<i>Date Wanted:</i>	12/22/2015	
<i>Sales Order #:</i>		
<i>Customer:</i>	CDE Furniture Manufacturers	
<i>Instructions:</i>	Make Stainless Steel Knobs	
<hr/>		
	<i>Step #:</i> 1	<i>Operation:</i> Production: Lathe
<i>Step Instructions:</i> Lathe		
	<i>Step #:</i> 2	<i>Operation:</i> Production: Drill and Tap
<i>Step Instructions:</i> Drill and Tap		
	<i>Step #:</i> 3	<i>Operation:</i> Production: Polish and Inspect
<i>Step Instructions:</i> Polish and Inspect		

BellHawk enables organizations to easily transition from using paper forms and manual keyword data entry to having their employees directly capture work order tracking data on the shop floor. The biggest advantage of this transition is to enable managers to see the status of all their jobs in real-time so they can easily spot jobs that are in trouble or need extra attention. It also enables subsequent analysis of the labor performance of different workers.



BellHawk is designed for use by shop-floor workers who have limited computer literacy. By using barcode scanning manual data entry is minimized. Also, BellHawk warns users if they make a data collection mistake and allows immediate data correction. BellHawk only captures the minimum data needed for each tracking situation. This minimizes training time and eases the introduction of data collection technology to the shop floor.

BellHawk enables the recording of time actually worked, as separate from the elapsed time to complete each operation, by enabling users to scan-out when they go on break or their shift ends. BellHawk can also allocate labor time when someone is working on multiple work orders at the same time.

Managers, supervisors and customer support people, can then see the status of all the work orders in real-time, including how long each work order has taken or has been held-up, since completion of the last operation, waiting for the next operation to begin.

Managers are able to download Excel exports showing the progress of work orders, the elapsed time for each operation and how much labor was required. They are also able to get a labor report by work order or employee showing the amount of labor time, elapsed time, and quantity produced for each operation on the job.

Configuring BellHawk Data Collection

BellHawk comes with the ability for clients to add custom data collection fields to the Start Work and Stop Work transactions. Clients can also specify additional custom data fields to appear on the header of the barcoded traveler and also for each operation listed on the traveler.

BellHawk Work Order Tracking Technology



The BellHawk software consists of a specialized website plus a SQL Server database that run on a Windows Server Computer.

Work order data can be captured using with low-cost barcode scanners plugged into PCs, Android tablets with wearable, hands free, or cordless Bluetooth barcode scanners, or using wireless mobile computers with integral barcode scanners. Work order status data can be viewed in real-time using any web-browser equipped device including most Windows, Android, IOS and Linux based PCs, PDA, tablets, and smart phones.

The barcoded travelers can be printed out on standard office printers. As a result the expense of purchasing barcode label printers is avoided.

For More Details

Please see www.BellHawk.com.