News Release

Barcodes vs. RFID and the Internet of Things for Work-in-Process Tracking

White Paper examines technology trade-offs for manufacturers

BellHawk Systems announces the availability of a new white paper "Barcodes vs. RFID and the Internet of Things for Work-in-Process Tracking" to help manufacturers assess the pros and cons of these technologies for accurately tracking work-in-process and inventory within their manufacturing operations.

This white paper can be downloaded from a link in the News section on the home page of www.Bellhawk.com.

Replacing the use of paper forms with automated data collection for real-time tracking of work-in-process and inventory always includes trade-offs between complexity, accuracy and cost. This white paper focuses on the specific issues to consider when evaluating whether to use manual barcode scanning with mobile computers or automated data capture with fixed station barcode or RFID scanners.

"Barcode and RFID scanning technologies do different things well, and which one is best to use depends upon the situation," said Dr. Peter Green, CTO of BellHawk Systems. "Because of this, a typical manufacturer will likely need to consider integrating both of these technologies in different areas of their operations for work-in-process tracking."

This white paper also examines the systems architecture issues of how to integrate both barcode and RFID technologies into one system that will give operations managers and customer support people a real-time view of their work-in-process. It does this in the context of emerging Industrial Internet of Things (IIOT) architectures, global standards for materials traceability, and the need to integrate these technologies with legacy systems and Cloud computing.

For more information, please contact Diane Root, Marketing Specialist at BellHawk Systems, Diane.Root@BellHawk.com or call 1-508-865-8070 x306.

About BellHawk Systems

BellHawk Systems specializes in providing real-time work-in-process and materials traceability systems for manufacturers, food and pharmaceutical processors, engineering and other industrial organizations. The company provides software for applications ranging from simple work-in-progress and barcode inventory tracking solutions to complex integrated production and inventory tracking solutions that use both barcode and RFID technologies.

