Barcode to PC

Bluewater Pipe improves production efficiency on data collection by leveraging a customized Barcode to PC mobile app

BLUEWATER PIPE
A SOLENO GROUP COMPANY

SITUATION

"

We were using a manual reporting system where the plant operators recorded each package made. This led to lots of errors and missed product causing us to have poor information to enter into our accounting system"

Industry

Industrial Manufacturing

Production

Operates 24 hours a day

Application

Mobile Data Collection

Bluewater Pipe has a deeply rooted background in the field of agricultural drainage of over 60 years, and is serving the needs of farmers in Southwestern Ontario by providing a wide array of agricultural drainage products. Thanks to a partnership with the Soleno group (the 1st developer of sustainable solutions for mastering stormwater) is now able to carry on the legacy of quality and trustworthiness associated with both their names.

"We operate a 24hr pipe extrusion operation and our production reporting has been a manual process. We wanted to develop a simple barcoding system to count what the plant makes and store it in a file so we could eliminate paper recording."

Missing track of production phases that the team had already made was an issue.

The plant already had a basic Wi-Fi coverage, but not sufficient yet to keep every smartphone always connected. The challenge was to transform the Android handheld scanners into a reliable tool for reading the tags data and automatically push the data to the server whenever the connection is available.

"

Barcode to PC was simple, runs on our Windows local server, can be used with handheld scanners, and sends the barcode string direct to the text file where we then import it into a database and produce daily reports of what we have made."

Tony Kime
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SOLUTION

Barcode to PC mobile app gives Bluewhite Pipe team the ability to collect the production data and eliminate paper recording

Implementation

Since Bluewater Pipe turned to Barcode to PC to transform its data acquisition process with a customized mobile app, paper and manual reporting are now a things of the past.

The Barcode to PC mobile app gives Bluewhite Pipe team the ability to collect important data regarding the production process using their existing mobile devices without having to be tethered to the internet. Upon returning to an area with a Wi-Fi connectivity, the app will automatically push the data to the server workstation using the local network.

"We're using it with Android scanners which scan our production tags and report what we made. Tags are serial numbered so we can eliminate duplicate scans ensuring we capture everything our team made."

What made the solution standout

"We wanted to develop a simple barcoding system to count what the plant makes and store it in a file so we could eliminate paper recording."

"Finding a simple scanning system that can be used to send a barcode string to a data file is much more difficult than you would think. It seems a lot of the barcode software companies are developing proprietary solutions, so people who are forced to use their teams to develop apps."

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Key features

- Added support for the customer's Handheld devices
- Customization of the app user interface to fit the client' needs
- Added pop-up message to detect duplicate barcodes

Results & benefits

Increased Efficiency

"Our scanning system has eliminated multiple steps in the review of our daily production records and has sped up the entry of the days production.
Without doubt a huge improvement"

Good Return on Investment

Bluewater Pipe realizes a healthy return on its investment since the solution offered by Barcode to PC is a one-time payment

Quality Customer Service

"Filippo was very fast in response and was able to help develop some customization on the scanner side. He really exceeded my expectations in helping get our scanning process up and running"

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