

## OVERVIEW

*Leading manufacturer of unmanned aircraft systems (UAS) improves warehouse operations with RFgen Mobile Foundations for Deltek Costpoint.*



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### SNAPSHOT

INDUSTRY:  
Aerospace & Defense

ENVIRONMENT:  
Deltek Costpoint 7.0

APPLICATIONS:

- Inventory Management
- Custom Application

## GOALS ACHIEVED

- 1 Automated data collection throughout warehouse.
- 2 Enhanced inventory control, counts and transfers.
- 3 Optimized manufacturing order (MO) pick process.
- 4 Accelerated issue to sales order process.
- 5 Added on-demand barcode label printing.

“ Even the project’s biggest skeptic told me ‘I love barcoding’ after we deployed RFgen. ”

- Chris Lorentz,  
Business Systems Analyst, Insitu

## THE CHALLENGE

Insitu operates a busy warehouse within its manufacturing operation. As the company grew, the transaction volume in the warehouse also grew. The warehouse leadership team wanted to improve efficiency and looked to MIS and warehouse staff to find it by implementing mobile data collection solution for support. Insitu used barcode software in the past, but the previous software was unreliable, lacked flexibility and did not integrate with Deltek Costpoint.

“We needed to have accurate inventory tracking, efficient inventory transaction processing in

receiving, part location, transfers, kitting, sales orders and cycle count. We wanted a user-friendly tool that would be reliable and interface with Deltek Costpoint. Finally, we wanted to make sure our users were well-supported in their transaction volume,” said Business Systems Analyst, Chris Lorentz.

## THE SOLUTION

The warehouse and MIS teams selected RFgen Mobile Foundations for Deltek Costpoint, a suite of pre-written, pre-validated data collection solutions

enabling best practices for material managements and supply chain logistics control.

"RFgen offered the transactions we needed out-of-the-box, along with some transactions we'd really like to use in the future. A key factor was its interface to Costpoint," Lorentz said.

RFgen is the only Deltek-recommended mobile solution for providing real-time, bi-directional information exchange between Costpoint and barcode scanners, handheld devices, RFID devices, PLCs and scale type devices.

For deployment, Lorentz opted for an agile, two-phase approach so she could get user feedback throughout implementation. "The RFgen team delivered one of the cleanest rollouts I've seen in my career, and I've been in this business for quite a while," Lorentz said.

## THE RESULTS

RFgen has helped the Insitu warehouse team improve efficiency, inventory control, and mobilize and automate data collection. Employees are also more productive, saving time through optimized pick paths and having the ability to print barcode labels on demand. Other benefits include:

### Optimized Pick Paths

"One lesson we learned with our previous software was that picking parts for one Manufacturing Order (MO) at a time slows us down," commented one team member. RFgen provided an effective

“ Our warehouse employees love RFgen because it's easy to use.

RFgen worked very, very hard and they were very responsive to see it through to success. Even the project's biggest skeptic told me 'I love barcoding' after we deployed RFgen ”

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Insitu

solution by enabling Insitu employees to pick parts for multiple MOs at once, minimizing trips through the warehouse.

"This is fantastic," said Lorentz. "We can input a list of MOs and RFgen displays them so we can pick them in location order. It's a huge time savings and our users just love it."

### Significant Speed Increase

RFgen sped up the Issue to Sales Order process so much

that boxes ready to ship were stacking up too fast for their manual labeling process to keep up. The Insitu team was delighted, and had to request a new automated shipping label system before proceeding to phase two of the deployment.

In the end, RFgen achieved all of Lorentz's objectives and the deployment met her expectations in terms of budget and timing. But the best results came from users in the warehouse.



## ABOUT INSITU

Insitu Inc. is a leading manufacturer of unmanned aircraft systems (UAS) for defense, commercial and civil applications. An independent subsidiary of The Boeing Company, the Bingen, Washington-based company designs, develops and produces high-performance, cost-effective UAS that are deployed around the world.