

# Carlisle Interconnect Technologies



## OVERVIEW

Leading manufacturer of aerospace cable and wire gains efficiency and accuracy in the warehouse using RFgen Mobile Foundations for SAP.



Scan code to read the full case study



### SNAPSHOT

INDUSTRY:  
Aerospace & Defense

ENVIRONMENT:  
SAP 6.0

APPLICATIONS:

- Inventory Management
- Warehouse Management

## GOALS ACHIEVED

- 1 Reduced staffing costs by reassigning one full-time employee and eliminating two temporary positions.
- 2 Realized efficiency gains that sped up receiving by 30% or more.
- 3 Consolidated five SAP transactions involved in put-away to just two scans.
- 4 Issued material to the floor 40% faster.
- 5 Improved accuracy in the quantity and measurement of raw materials to above 99%.

“RFgen helps us complete the multiple transactions it would take in SAP about 30% to 40% faster.”

- Jim Necci, Warehouse Manager  
Carlisle Interconnect Technologies

## THE CHALLENGE

Carlisle was processing warehouse transactions manually in their SAP ERP system, without the benefit of barcode scanners or any type of mobile data collection. Whether receiving or putting away materials, issuing materials to the shop floor, or shipping goods, each transaction required multiple, time-consuming steps to complete. “We were experiencing variation—too many mistakes. We required considerable staffing because of everything we had to do in this manual process,” recalled Jim Necci, Warehouse Manager.

## THE SOLUTION

Necci evaluated three potential solutions before selecting RFgen Mobile Foundations for SAP—a suite of pre-written, SAP certified data collection solutions that feature real-time, bi-directional information exchange with CarlisleIT’s SAP system. Necci chose RFgen because of the company’s expertise in mobile application development for SAP. “RFgen had done a lot of work with SAP, and I wanted to get somebody involved that knew SAP. When I spoke to people from RFgen, they were more than helpful and made me believe the partnership was going to work very well,” he said.

RFgen drives greater worker productivity and reduces errors by automating routine warehouse and plant floor transactions, so workers can complete tasks with mobile devices, including barcode scanners. This mobile data collection software solution can be easily and quickly adapted to the unique workflows of any manufacturer. RFgen's mobile apps help manufacturers efficiently control movement of materials within the warehouse and provide instant access to item quantities, locations and availability.

CarlisleIT went live with eight RFgen transactions in the raw material warehouse. The company was undergoing an SAP upgrade at the time of this writing, so an additional four transactions, for the plant floor and shipping warehouse, were in phases of development and testing.

**Receiving and Putaway** With mobile barcode scanners, RFgen has helped the CarlisleIT team save time and improve the utilization of warehouse employees. Before, it would take multiple transactions in SAP to receive materials. Now, vendors supply an incoming barcode, and "we just scan the purchase order number, the line number, the quantity, and the vendor lot number. RFgen helps us complete the

multiple transactions it would take in SAP about 30-percent to 40-percent faster," Necci said.

“ Our raw material accuracies with RFgen are above 99%. Mistakes have gone completely away. ”

- Jim Necci, Warehouse Manager  
Carlisle Interconnect Technologies

Putaway gained the same level of efficiency. From four or five manual steps in SAP, workers now point and scan the RFgen label and then point and scan the rack bin label. The time savings enabled CarlisleIT to optimize staffing.

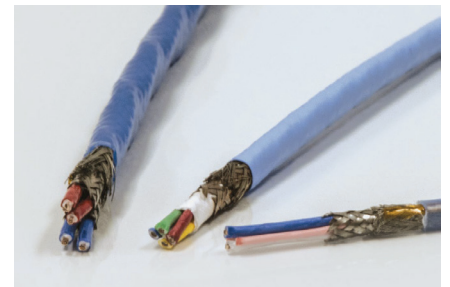
**Issuing and Returning Raw Materials** The raw material warehouse team issues material to the plant floor and receives returned material. Some material is purchased while other material comes in on consignment. Necci's team issues material to the floor, approximately 40-percent faster, thanks to RFgen. Returns are faster, with greater accuracy.

**Inventory Management** Necci's team conducts one physical inventory of the entire raw material warehouse each year. It usually takes about 30-hours. With RFgen, Necci expects to cut this time down to just six-hours. And once automated

cycle counting comes online, the need for an annual physical inventory will be eliminated.

Because CarlisleIT provides cables and wires to the military and commercial aerospace industries, traceability of materials and finished goods is an important aspect of compliance. Before RFgen, traceability was a more manual process that required going through multiple screens in SAP looking for documents.

Necci looks forward to the full implementation of additional RFgen functionality, including shipping automation and WIP inventories. He'd like to take the functionality into more areas of the business and has also shown it to other CarlisleIT plants.



## ABOUT CARLISLE IT

Carlisle Interconnect Technologies (CarlisleIT), a division of Carlisle Companies Incorporated, produces high performance wire and cable, including optical fiber. The company manufactures a wide range of products used in electronics for the commercial aerospace and defense industries.