Reducing Pick Times and Enabling Growth with Autostore

The Customer and Their Requirements

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Radwell International sells new and surplus industrial automation, MRO, pneumatic, motion, electronic, hydraulic, HVAC and electrical control equipment for plant floors and facilities. The company also provides full component-level repair for all industrial electronic and electrical equipment and buys new and used surplus for resale. All products are covered by a two-year warranty and the company maintains an inventory of thousands of specialized test assets with support from hundreds of highly trained technical team members.

The company identified the need for automation based on the continued expansion of the number of products being supported and consistent growth in the business.

Once the decision to automate was made, the company needed to identify a solution that would allow it to efficiently pick from its huge inventory while maintaining the flexibility to adapt to continued growth and other business changes.

" When I bring visitors into our automated distribution center, at first they can't believe what they are seeing. They are just amazed at how smart, efficient and reliable the robots are. You really have to see this system in action to appreciate how well designed it is and how well it operates."

- Brian Janusz, Global Program Manager, Radwell International

Growth & Impact

SynQ Platform
49,867 Bins, 450 Picks per Hour

Increase in Flexibility
New ERP system with no integration issues through SynQ

Increase in Productivity
Redeploy personnel to more strategic tasks

MHI.
THE INDUSTRY THAT MAKES SUPPLY CHAINS WORK®

Case Study

Reducing Pick Times and Enabling Growth with Autostore

Radwell International
Increased Productivity, Flexibility and Efficiency

The Solution

AutoStore is a small parts storage system that stores bins in a stacked configuration and automatically retrieves parts based on instructions from Swisslog's SynQ software. The SynQ platform provides warehouse management, material flow and automation control system functionality in a single, modular platform that integrates easily with host systems and other warehouse software.

The company worked closely with Swisslog to deploy the technology in the new warehouse and migrate product from the existing warehouse to the AutoStore system. Radwell was able to move more than 1,000,000 ready-to-sell products into 24,000 bins of the AutoStore system within just four months of start-up.

The Results

- Doubled storage density with Autostore
- Simplified a complicated picking process by dramatically improving picking efficiency
  - People can pick 9-10 products versus 1 product manually
- Greater workforce flexibility
  - Redeploy personnel to more strategic tasks
- Multiple options to scale the system as the business continues to expand
  - SynQ software: Choose a new ERP system without worrying about integration issues

"Our overall experience with Swisslog has been very positive. This was our largest automation project so far and our first time working with Swisslog. The expertise and support Swisslog provided throughout the process helped us manage the transition to a new facility on schedule and without disrupting our operations."

Todd Radwell, Senior VP, Operations and Engineering, Radwell International