

# ACCU-SORT®

# FAST Tag™ Portal



**Turn-Key RFID Portal Architecture**—Eases deployment in warehouse setting reducing installation costs

**Local or remote management through Accu-Sort's FAST software suite**—Ensures seamless integration with WMS system for reliable data transfer and accurate asset visibility

**Multi-protocol RFID Portal – GEN2 Upgradable**

**Dynamic Polling Sensors**—Minimized RF interference

**Antenna Adjustable Architecture**—Minimizes commissioning time through easy performance optimization

**Read Indicators (Visual/Audio)**—Provides warehouse operations personnel intuitive no go/go visibility into read success

**Rugged Structure**—Ensures operation in harsh environmental conditions typical in found in warehouse setting

## Overview

Accu-Sort's FAST Tag Portal offers a rugged turn-key RFID dock door system solution that provides increased visibility of assets entering or leaving facilities such as warehouses or distribution centers.

This solution is part of Accu-Sort's "Tag-to-Ship" centralized system architecture, which allows it to be seamlessly integrated with you existing data management infrastructure through Accu-Sort's FAST Tag DataServer solution, making it scalable as your needs grow in the future.

## Technical Highlights

The FAST Tag Portal system uses state-of-the-art RFID readers, antenna and software to maximize the accuracy of inventory supply chain management operations. Accu-Sort's antennas are optimized for portal application to achieve the highest RFID read rate on pallets and cartons passing through the portal. The antennas are mounted on adjustable brackets so they can be positioned to minimize reading stray tags or RF interference.

Dynamic polling, along with Accu-Sort's software algorithms, is used in conjunction with sensory circuitry to minimize RF interference and the reading of stray tags in adjacent zones. All the components are housed in a rugged structure to handle the harsh conditions often experienced in a warehouse environment. Minimizing or eliminating cross dock door cabling is always taken into account when designing the portal systems.

The FAST Tag Portal is configured, controlled and monitored via the Accu-Sort FAST suite of software products. The FAST (Flexible, Automation, Solution, Tools) software foundation has been installed in over 400 systems to date, providing a robust, proven architecture to meet the most demanding RFID material handling system application.

This software interfaces seamlessly with WMS system through Accu-Sort's Centralized FAST Tag DataSever. The FAST Tag DataSever contains a database that can verify the right carton, on the right pallet, ships to the right customer, through the right dock door. This data is stored in a centralized database to enable the tracking of a carton from "Tag to Ship".

## System Development Methodology

FAST Tag Portal design configuration for specific customers is determined as part of Accu-Sort's customer's needs assessment process. This process, which has been refined over 30 years, leverages the material handling and RFID expertise on staff at Accu-Sort to determine the optimal customer solution. It includes performing business assessments, process mapping and RF surveys of the customer's facilities. After a system is designed, built and tested at the Accu-Sort RFID center of excellence, it is shipped to the customer site for system installation and pilot testing. The pilot testing phase is a critical to minimize disruption to the customers existing supply chain and data management infrastructure. At this stage the solution is optimized and tested to ensure compliance.



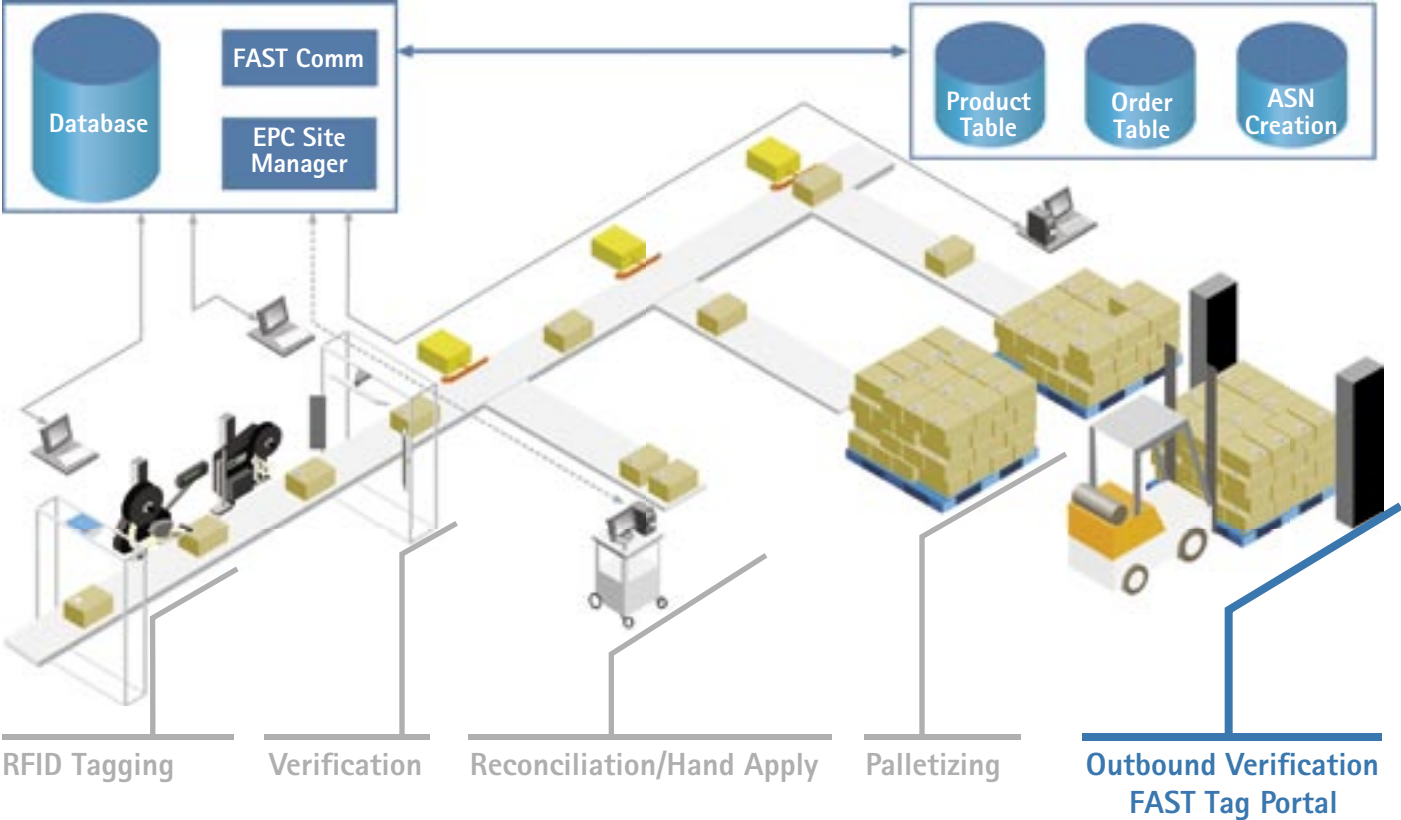
Partners in RFID  
Compliance

# FAST Tag Portal

## FAST Tag™ Tag-to-Ship RFID System Solution

### FAST Tag DataServer

### Warehouse Management System (WMS)



## Specifications

<b>RFID</b>	
Frequency	902-928MHz
Protocols Supported	Class 0/0+, Class 1 and Future Gen 2
<b>Network Management</b>	
	Local/Remote
	Serial
	SNMP
	Ethernet
	Wireless LAN
<b>Performance</b>	
Read Distance	Adjustable
Anti-Collision	Yes
Dynamic Polling Sensors	Yes
<b>Mechanical/Environmental</b>	
Dimensions	72"H x 12"D x 24"W
Standard Base Dimensions	15"D x 36"W
Maximum Power Input	100-120 volts AC, 50/60, 2.6 AMPs
Humidity	5-95% R.H.
Operating Temperature	-20 to 70 deg C
Storage Temperature Range	-40 to 85 deg C



For more information about auto-ID and material handling solutions, contact us at:

ACCUSORT® SYSTEMS, inc.  
 1-877-ASI-RFID  
 info@accusort.com | www.accusort.com

VIDEOJET® TECHNOLOGIES, Inc.  
 1-630-860-7300  
 www.videojet.com

©2005 Accu-Sort Systems, inc. and Videojet Technologies, Inc. All rights reserved.