VS VERTICAL SYSTEMS INC.

RAPID RFID

Simple. Scalable. Cost Effective.

IT'S TIME TO REALIZE THE BENEFITS OF RFID

Save time, improve real-time visibility, and worry less about how to get there. RAPID RFID eliminates the need for your staff to understand the inner workings of RFID technologies. From a quick-start to full integration with your existing systems, RAPID RFID provides a powerful-yet-simple and scalable solution:

- **Integrate** RFID into your existing products and processes (RFID Middleware)
- Extend RAPID RFID to your unique needs with **Customization Services**
- Integration-Ready Modules: Inventory Movement, Asset Management, Workflow Automation, Verification

A proven, cost-effective platform for leveraging RFID to improve operational efficiencies.

RFID Middleware *defined*

Software that seamlessly connects RFID readers with enterprise software; including capabilities to:
- configure readers
- process tag data
- integrate with back-end systems in real-time

Vertical Systems' RAPID RFID product is a fully functional middleware that easily extends to meet your unique Business Needs.
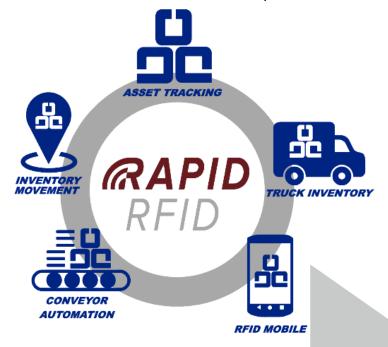
A FEW SOFTWARE HIGHLIGHTS

- **Simple! Quick to set up and prototype**
- **Scalable for the Enterprise**
- **Feature rich web experience**
- **Multiple Reader Types (LLRP)**
  - Certified with Zebra and Impinj
- Expert and experienced help with System Integrations
- **Configurable Read Zones**
- **Mobile Functionality**
  - Tag Association
  - Tag Encoding
  - Geiger Feature – find a specific item
  - Product Movement and Verification
- **Directionality** algorithms to determine movement into or out of an area
- **Alerts / Reconnects** to minimize reader outages

Let's get started with an RFID Site Survey. Give us a call.

RFID MODULES

Our adaptable RFID Middleware is core to numerous product offerings. The following RFID Modules are available out of the box for immediate implementation.

YOUR DEVELOPMENT TEAM OR OURS

Whether you leverage the skills of your IT team or engage Vertical Systems to build, deliver, and support your complete solution, RAPID RFID is a proven platform to accelerate delivery.

Implementations can leverage our RESTful APIs for configuration and reporting. Business events, Tag reads, and GPI can also be captured real-time through SignalR events.

PROJECT SHOWCASE

Medical Device Manufacturer - WIP
- Work in Process Automation
- Multiple production and shipping lines
- Automate UDI Labeling, Encoding, and Association of products to shipment information

Construction – Truck Tracking
- Capture movement of trucks as they go between asphalt plants and jobsites
- Accountability for drivers

Board of Elections – Voting Equipment
- Very large U.S. City
- Tracking over 15,000 products between 4 facilities with multiple portals
- Directionality is critical

Uniform Tracking
- Associate uniforms to individuals when shipped
- Bulk returns and holding individuals accountable

IT Asset Management
- Asset Audits compare expected asset locations to actual locations.
- Capture inventory from Mobile Device.

End of Line Labeling Automation
- Weigh, Price, Labeling (Rice Lake Weighing)
- Print & Apply Labels
- Verify Label Data (Cognex)
- GPIO Integration with Conveyor

WE PROVIDE SOLUTIONS

Regardless of the complexity of your business needs, Vertical Systems will deliver a cost-friendly, powerful, and flexible solution. We've delivered a wide range of solutions within most industries; including manufacturing, healthcare, distribution, and field service.

WHY VERTICAL SYSTEMS?

Your business needs are unique. Whether you've outgrown your current software, your customers want more, or you have a desire to improve efficiencies, Vertical Systems can help. We're ready to become an extension of your organization - your trusted software partner.

Visit **www.vertsys.com** or call **952.934.7533** to learn more about Vertical Systems and understand how RAPID RFID can be implemented within your organization.