STRATEGIC
SYSTEMS & TECHNOLOGY CORPORATION

Solution Guide

StrategicRFID™

Automatically capture the location of personnel and items within your organization.

Take Control with StrategicRFID™

Meeting Your Need to Know

Designed to revolutionize the way you track personnel, equipment, and inventory, this highly configurable system includes everything you need to:

- Increase asset visibility,
- Improve employee productivity, and
- Mitigate risk, theft, and loss.

StrategicRFID™ is a best-in-class locationing solution designed to reduce the cost and complexity of automatically capturing the location of personnel and items within your organization.

With minimal infrastructure required, this user friendly solution combines the power of traditional handheld tracking functionality with the ease of fixed portal RFID and Bluetooth Low Energy (BLE) technology. By equipping mission critical assets with secure tracking tags, you gain real-time inventory visibility and more accurate accounting of the items within your organization.

This system is ideal for asset and personnel tracking, quality control, and work in process applications. StrategicRFID™ enables you to track the last known location of an item, how long it's been in a location or at a workstation, and how long it has been since an asset was last seen by a reader.

Beyond providing the real-time tracking and each item's last known location, StrategicRFID™ also gives you the ability to use RFID-enabled mobile computers to encode RFID tags, conduct periodic physical inventories, and more.

Solutions for a New Decade

StrategicRFID™ adds powerful business logic to your RFID hardware, and comprises a robust Web-based application that runs in the cloud.

The application manages, monitors, and controls fixed RFID readers, and enables vital data transfer between the application and readers.
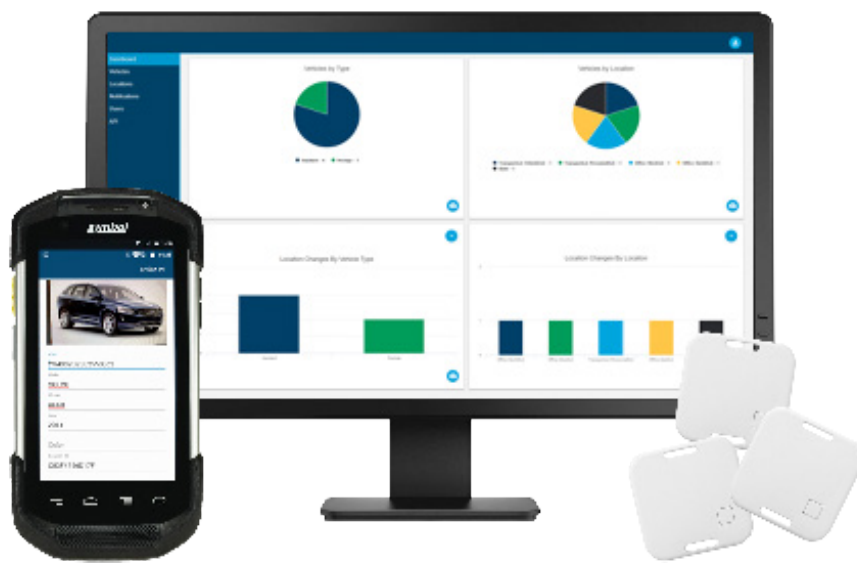
StrategicRFID™ records and compiles information on the criteria you indicate. By specifying the tag encoding structure, you can hone in on and track data only on those tagged items that you're most interested in – and prevent recording data on any otherwise beacon or RFID-tagged items that enter a read area.

The configurability of the system allows you to assign unique identifiers and descriptions to your items, locations, antennas and readers, which also populate reporting fields. From the system Dashboard, you'll see a graphic summary of Daily Reads, Item Distribution, and Readers Last Check-In.

Easily run and export reports on item history, location history, and more.

StrategicRFID™

- Is a cloud-based SaaS solution
- Utilizes powerful RFID and Bluetooth Low Energy (BLE) technology
- Easily deploys to any Android device (v6.0 or later)
- Requires minimal infrastructure
- Requires minimal user training
- Uses RESTful APIs to connect with other systems

StrategicRFID™ dashboard, Andriod OS application running on Zebra TC75 mobile device, and bluetooth beacons.

Bulletproof Compatibility

StrategicRFID™ is designed to work seamlessly with industry-leading providers of RFID readers, antennas, handheld devices, tags and Bluetooth Low Energy (BLE) beacons.

Our rigorous certification process ensures bulletproof compatibility with the system, and our experts can help you select and configure your hardware and tag media for optimal performance.

Our Partners

- Alien
- Avery
- Confidex
- FEIG
- HID
- Mist
- Mojix
- Vizinex
- Zebra

Fixed-Readers

- Passively read UHF RFID tags
- Adjustable reader strength
- General Purpose Input/Output (GPIO) support
- Remotely configure readers and antennas
- Monitor system health

Mobile Devices

- Encode using ASCII, Hex, EPC Global
- Update the location of multiple items at once
- Adjust reader strength
- Geiger counter item locator

Tags and Beacons

- No line of sight requirement
- Can withstand harsh environments
- Long read range
- Ability for multiple tag read/write

StrategicRFID™ Applications

As the popularity of RFID technology has grown, so has its reputation as a highly versatile method of adding business value.

Inventory Control
- Supply Chain
- Incoming Goods
- Outgoing Goods

Personnel Tracking
- Attendence
- Mustering
- Safety

Returnable Transport Items
- Prevent Loss or Theft
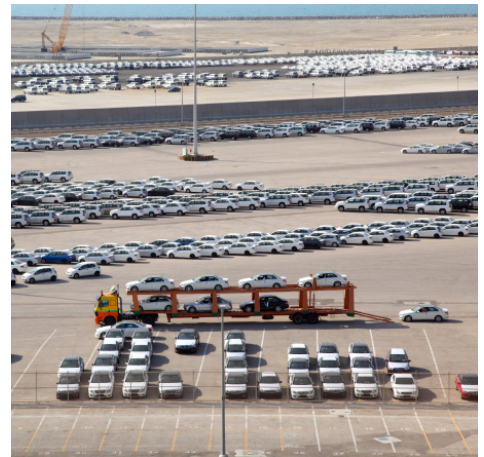- Track Item Movements
- Ensure Availability

Work In Process
- Production Optimization
- Quality Assurance
- Productivity Monitoring

IT Asset Tracking
- Regulatory Compliance
- Asset Utilization
- Taxes and Insurance

Lot Management
- Vehicle Location
- Increased Security
- Streamlined Inventory

Ensuring Project Success

Strategic Systems offers a proven method to systematically determine if RFID is right for your company, both technologically and from a business standpoint. By the end, you'll know definitively whether or not there is justification for RFID within your organization.

The Strategic RFID Assessment Process

We employ the following methodology to ensure your success:

STEP 1: DISCOVERY
A complimentary 30-45 minute call with an RFID specialist to discuss your project.

STEP 2: DEMONSTRATION
Configured based on information gathered during the discovery call. If the solution meets your project requirements, we'll provide a proposal with cost estimate and recommend you schedule an RFID survey.

STEP 3: SURVEY
A comprehensive RFID survey to ensure that RFID tags and antennas deliver optimal data capture. Afterwards, we'll provide a detailed report to facilitate installation and commissioning should you choose to move forward.

STEP 4: IMPLEMENTATION
Typically 4-6 weeks from the date of purchase. During that time, we'll assign a dedicated project manager and a point of contact for ongoing support.

Experience the Strategic Difference

"Of all of the companies I spoke with, I ended up choosing Strategic Systems because they were so willing to help. They came right out to our facility and really made sure they understood our needs and what we were trying to do."

- John Henney,
 Matthews Granite

With more than 20 years of innovation, thousands of successful implementations, and hundreds of thousands of devices deployed, Strategic Systems is one of the top enterprise mobility solution providers in North America.

We have a proven track record of successful RFID solution implementations across a variety of industries and applications. And through our longstanding partnerships with some of the RFID industry's top manufacturers, we have both deep experience with proven components and insight into what's coming next.

Considering RFID? We can help you to determine if RFID makes sense for your project, and will recommend a solution that will meet or exceed your expectations.