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Meta Title:RFID | RTLS | Tags, Readers, Software

Meta Description:OEM provider of RFID asset management and tracking systems, including readers, software and web apps. Rapid deployment available.

End-to-End RFID Solutions

RF Rain is a radio frequency identification company which provides customized solutions to organizations who wish to track their inventory or employees in real time using radio frequency identification (RFID) and real time locating system(RTLS) technologies. As OEM providers, our customers enjoy a variety of advantages, including:

- Rapid deployment
- Powerful asset management solutions
- Streamlined device and software compatibility
- Anti-collision algorithms

These advantages provide organizations who choose RF Rain as their RFID vendor with significant competitive leverage, simply by maximizing the full potential of RFID technology.

Total RFID Tracking Systems

RFID tracking is the easy, cost-effective way to monitor fixed or mobile assets.

- **Active Radio Frequency Identification**

  Active radio frequency identification allows the user to monitor assets within a 60 foot radius. This solution is ideal for large spaces such as warehouses, or for mobile asset management (personnel monitoring) applications. Active RFID products also help organizations monitor assets in hard-to-reach locations involving metal or glass. Read more: Active RFID Technology.

- **Passive Radio Frequency Identification**

  Passive radio frequency identificationasset tracking systems are a cost-effective way to manage small inventory items in close proximity to one another, making them ideal for retail environments. Reduce shrink by receiving an alert every time a product is checked in, checked out, or moved. Read more: Passive RFID Technology.

- **Customized, Mixed RFID Solutions**

  Our active RFID technology may be seamlessly integrated with passive solutions to create smart, cost-effective systems. An active and passive RFID asset tracking system is ideal for shipping applications, as well as industries which are generally served by passive applications but which require the additional power of an active RFID reader at strategic points throughout their facilities. <u>Read more: Mixed RFID Protection.</u>

- **RTLS Software**

  RTLS stands for "Real time locating system," which means gaining the power to access your entire inventory at the touch of a button. Powerful mobile apps and an anti-collision algorithm offer communications convenience and real-time, per-item updates, as well as other competitive features. Employ a customized database. Improve detection rates and reduce errors. Intuitive, user-friendly RFID asset management is at your very fingertips. <u>Read more: RTLS Software.</u>

What Makes RF Rain Different from other RFID Vendors

Doing business with RF Rain is an entirely different experience than dealing with other RFID companies.

- Anti-collision RFID technology for greater accuracy in noisy environments.
- Unlike other RFID vendors, RF Rain is an OEM, which means never having to go to multiple RFID companies for maintenance or service.
- As an OEM, we can offer greater systems compatibility than other RFID companies can.
- Rapid deployment of RFID technology – compare us to other RFID vendors to see how we offer some of the fastest ramp up times in the industry.
- Customized solutions for a variety of industries. Many RFID companies only focus on one or two sectors.
- We provide GPL-based software which offers access to our secure databases.

Contact one of our RFID technology specialists to discuss how we can create a personalized RFID security, RFID asset tracking, or RFID protection solution for your organization.

Cutting-Edge RFID Technology

Employ military-grade, highly customizable RTLS systems and RFID security solutions. Our low-maintenance RFID tracking systems have a two-year battery life and are outfitted with a fully redundant software package to ensure full data restoration in the

event of a brownout. These systems also boast superior tag discovery, even in very noisy environments.

RFR855 RFID Reader

An active RFID reader with hybrid capabilities which allows it to read both active and passive tags. This versatility allows RF Rain to create highly personalized asset management and RFID security solutions for a wide variety of companies. Each RFID provides location, and real time detection capabilities. The RFID reader also has an enhanced, built-in user interface in order to facilitate testing and inventory management in the field. Learn more about our RFID reader.

Gen 2 ISO 18000-6C Radio Frequency Identification Tags

Passive tags have a range of up to 10 feet. Active tags have a range of up to 60 feet. These tags are designed to provide seamless integration with the greater RTLS infrastructure. Active tags are designed with a long-lasting two year battery life to help provide low-maintenance RFID protection to all your most important assets.Read more about the RTLS capabilities of our Gen 2 ISO 18000-6C Tags.

RFR Zone Manager with RTLS Asset Tracking Support and Cloud Based Support

Performs real-time, per-item updates for total RTLS efficiency. Up to 5 people may receive e-mail alerts or text messages when items are added, removed, or tampered with, offering an additional level of protection as it gives users the ability to deploy a rapid response. RFR Zone Manager also gives users the power to prioritize high-value items that need to be detected first while offering users the flexibility to add dbase entries that are unique to every customer. Some examples include price, weights, and expiration dates. Learn more about the RTLS capabilities of the RFRZone Dbase Software.

RFRWeb UI with RTLS Asset tracking Support and Cloud Based Support

Interface with your RFID reader on mobile or PC devices. Set priority preferences with a few simple clicks. Search for assets by name. Scan the contents of rooms or crates. Set updates and receive updates and alarms via e-mail or text message. Monitor your inventory from anywhere in the world using our cloud-based software package. Install more than one RFID reader to allow the web app to triangulate tagged assets for total RTLS control. The web app is user-friendly, yet powerful, offering a convenient, hassle-free way to manage asset groups.Learn why our RFR Web UI App sets us apart from other RFID companies.

Use our RTLS System to Find Anything, Anywhere

Our real time location system can help you find your assets with pinpoint accuracy at the touch of a button. You've never seen an inventory management system like this one before. Our inventory tracking software makes it easier for you to get more efficient about purchasing and deploying your inventory.

There are many examples of how RTLS systems can benefit organizations at every level.

Example 1: Healthcare

RTLS healthcare applications are especially potent, giving facilities the ability to track hospital beds and other devices as they move throughout the hospital. This gives caregivers a lot of control and offers an unparalleled level of coordination.

Example 2: Defense

Defense contractors and others who run high-security facilities also appreciate the ability to track the location of employees by embedding RFID tags inside of employee badges. By strategically placing RFID readers throughout the location facility managers get the peace of mind by knowing where everyone is. Get alerts when someone is in the wrong place at the wrong time.

Example 3: Warehouses

Real time location systems give warehouse managers a great deal of power. Combining RTLS software with RFID readers eliminates the need to scan pallets physically. RTLS systems can make picking and packing faster and more efficient, too, as employees will be able to locate any item within seconds. Inaccurate reporting, missed pallets and incorrect recording of pallet locations can all be a thing of the past.

See our <u>whitepapers</u> for more in-depth explanations of how radio frequency identification and real time locating system technology can help a wide variety of organizations meet their goals on a day-to-day basis.

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Talk to us about launching *your* RFID asset tracking solution.

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Customized RFID Tracking Systems and RTLS Applications for Smart Organizations

RFIDtracking system solutions have proven their efficacy in a broad range of industries. Radio frequency identification is the key to the "Internet of things," which offers a broad range of applications and solutions for anybody who needs to keep a close watch on assets of any kind, replacing tedious and inaccurate barcode management systems. Here are just a few of the sectors we can help.

- **State & Local Governments**

  Every state and local government manages an array of valuable property. Use our powerful RFID tracking system to keep tabs on law enforcement equipment, voting booths, and other valuable items. Use RFID security solutions to control employee access. See: RFID Security for State and Local Governments.

- **Healthcare**

  Use RFID tracking system solutions and RTLS healthcare applications to manage mobile assets like hospital beds or personnel. Improve patient outcomes by pinpointing the location of doctors and nurses throughout the hospital environment. Many companies also use RFID security to protect pharmaceuticals. See: RFID and RTLS for Healthcare Applications.

- **Transportation**

  Use an RFID tracking system to reduce inefficiency, cut labor costs, and eliminate waste. RFID technology gives shipping companies the power to automate the supply chain, increasing order accuracy and processing speed. See: RFID Tracking for the Transportation Industry.

- **Warehouse Management**

  Read an entire pallet with a simple scan, performed at the touch of a button via the user-friendly RFR Web UI app, instead of unpacking, scanning, and sorting items one by one. Radio frequency identification is one of the most cost-effective ways to improve inventory, picking, and order accuracy while cutting labor costs. See: RFID and RTLS for Warehouse Management.

- **Retail Loss Prevention and Inventory Management**

  An RFID tracking system allows you to dramatically reduce shrink by receiving real-time e-mail alerts the moment an item leaves a shelf or is tampered with in any way.Use RTLS to cut costs with smart inventory management strategies. See: RFID Security for Retail Stores.

- **Airports**

  Provide superior customer care and reduce flight frustrations by offering customers RFID security through special baggage tags. RFID security protects your entire facility, reducing the likelihood of attacks. See: RFID Tracking Systems and RTLS Mobile Asset Protection for Airports.

- **Seaports**

  Use RFID protection to improve seaport security. Track and manage cargo the fast, easy, and cost-effective way. Keep track of port employees. Participate in the Safe and Secure Tradelines Initiative. <u>See: RFID Protection for Seaports.</u>

- **Fleet Management**

  RFID protection helps reduce the risk of vehicle theft. Use RFID tracking to monitor planned and unplanned stops. Protect vital cargo and improve customer service. Manage the depot by knowing when vehicles have been checked into and out of the facility. <u>See: How RFID Companies Help Fleet Managers.</u>

- **DoD and DoD Contractors**

  Military, intelligence organizations and defense contractors have long known the value of RFID tracking systems for keeping a watchful eye on personnel movements, increasing security, and keeping tabs on weapons and other important assets. As an RFID OEM, RF Rain offers a higher class of RFID technology to better accomplish these goals. <u>See: RFID Security for the DoD.</u>

- **Laboratories**

  RFID tracking systems help researchers protect the integrity of samples and reduce experimental errors.RTLS eliminates the need to perform inefficient sample searches by hand by allowing researchers to locate vital samples within seconds. <u>See: How RFID Companies Help Research Labs Succeed.</u>

- **Manufacturing Centers**

  Use an RFID tracking system to keep tabs on expensive tools and equipment. Optimize the use of labor. Improve plant efficiency by gaining greater control over production schedules. <u>See: RFID Technology for Manufacturing Centers.</u>

Don't see your industry or organization type on this list? Radio frequency identification and RTLS systems are extremely versatile and have a wide variety of applications. Remember, every one of our RFID asset tracking solutions, inventory management systems and RTLS and RFID protection systems are completely customized to meet the needs of the companies we do business with.

Who Needs Radio Frequency Identification and RTLS?

RFID asset tracking systems help companies solve major issues such as:

- Shrink
- Waste
- Inventory Loss
- Inaccurate inventories
- Security issues
- Employee location
- Data collection
- Mobile RFID asset tracking

Any companies who experience these problems, or who wish to find out how radio frequency identification and RTLS can help cut labor, inventory, and other costs should contact one of our experts today. We use radio frequency identification systems to solve real business problems every day.

Find out why RF Rain is different from other RFID companies.

Call now to speak to one of our RFID and RTLS experts today.