

Radio Frequency Identification (RFID)

Ensure you're surveying the right asset and prove your site visit



RFID tags simplify routing and verify test locations.



Use RFID tags with the Allegro to increase productivity and improve data accuracy.

When you use RFID technology with the Allegro Field Data PC™ from American Innovations, you'll have instant, verifiable proof of every site visit.

RFID, or radio frequency identification, is a wireless technology that lets you use inexpensive, durable, weatherproof tags with a rugged, light RFID reader to easily identify the assets in your inspection program. These include test points, rectifiers, bonds, meters, compressors, valves and internal corrosion equipment such as coupons, probes and injectors.

With these tags, you can:

- Easily generate an inspection history log at the test location.
- Simplify routing and reduce data entry errors.
- Automatically display the correct record for the technician.
- Eliminate guesswork or the need to carry alignment sheets.
- 100% compatible with PCS for survey creation, capture, and upload

Radio Frequency ID (RFID)

Key Benefits

Proven

RFID technology has been around since the 1970s. It's used in an array of industries including defense, aerospace, manufacturing and energy.

Durable

Unlike bar codes, RFID tags won't fade or become unreadable if scratched or painted over.

Smart

RFID tags automatically retain inspection history.

Versatile

There's a tag for any asset regardless of surface type or environment.

Compatible with Other Systems

You can streamline data collection and management by pairing a Bluetooth RFID reader with the Allegro.

How It Works Allegro Field Data PC and RFID



Using the RFID reader and tags can uniquely identify facilities and log audits.

Tag Styles

You can order these tags individually or in bulk:



Vinyl Tags are peel-and-stick devices that are easy to apply to any clean, dry PVC surface. They're ideal for PVC test points, pipes and services..



Key Fob Tags work well hanging from valves and other facilities where applying directly to the asset is impractical.



On-Metal Rounds are best for use inside rectifier and bond boxes. They can be installed on clean metal using a peel-and-stick adhesive pad.



Heavy-Duty Tags are designed for exposed metal surfaces. They can be adhered to paint, coatings or bare metal using a strong, weatherproof adhesive. They also come in a teardrop shape that can be bolted to an asset.

RFID Reader



Weighing in at only 60g, the ergonomic RFID reader is small and lightweight. The FCC and CE certified RFID readers can operate in a wide range of environments and have a rechargeable lithium ion battery that allows for unlimited, continuous use on a single work shift (up to 8 hours).

For More Information

Services

Expect Relentless Service from our Allegro Technical Services team.

- Technical support via phone and email
- Product training, offered at your place of business or ours
- Application services: implementation, data collection and loading, system integration and administration services

Contact

For more information, email us at pcsa_sales@aiworldwide.com, call us at **800-229-3404**, or visit us online at aiworldwide.com.

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[Best Practices and Frequently Asked Questions](#)

About American Innovations

American Innovations (AI) protects people and the environment by helping our customers safely and efficiently manage the world's energy infrastructure. We deliver proven compliance solutions to virtually every oil and gas transmission pipeline company in North America – from the field to the office. We provide an integrated family of hardware, software and professional services backed by relentless customer service. Our products include: Bullhorn® Remote Monitoring, MicroMax® Current Interrupters, Allegro Field Data PC™, PCS™ compliance software, and Risk Intelligence Platform (RIPL™) software. AI also provides a wealth of professional services including data migration, risk analysis, high consequence area (HCA) analysis, and regulatory compliance consulting.

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