



SOLUTIONS

How to Manage RFID in an SAP Landscape



CIBER SAP Credentials:

- Services Alliance Partner since 1989
- Gold Channel Partner (VAR)
- All-in-One Solutions Provider
- More than 1,000 SAP consulting resources
- More than 500 SAP clients
- SAP RFID and SCM Expertise Partner

Your Integrated RFID Solution in an SAP™ Landscape

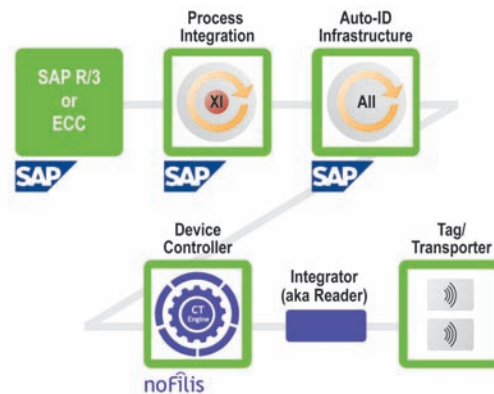
Many SAP customers have capitalized on the benefits of RFID technology, which include tracking capabilities for outbound finished items, assets, and raw materials moving from manufacturers to warehouses.

In order to generate a return on investment from your RFID system, the RFID technology must be integrated with your backend system. The typical challenge for integration within an SAP landscape is building and maintaining complicated interfaces to third party non-SAP solutions. Most often the interfaces use so called “standard” or “certified” connectors, however, stability cannot be guaranteed when applying support packs or implementing upgrades to the system.

Native SAP RFID Solution

CIBER and noFilis have collaborated to offer comprehensive, highly integrated RFID management implementations of noFilis CrossTalk in the enterprise environment, with the stability and confidence that comes with SAP Software.

The robust SAP software is the foundation of the whole solution. SAP AII (the RFID component) connects through SAP PI to an SAP backend system (compatible with version 4.6c and up). noFilis software is used to connect SAP AII to all RFID equipment, like fixed and mobile readers and printers. noFilis establishes a very robust monitoring layer, with capabilities to self diagnose and repair RFID devices in the network. The monitoring tool is fully integrated with SAP’s native CCMS.



noFilis CrossTalk Solution

noFilis CrossTalk Smart Device management is an enterprise software solution for integration and control of RFID devices with any RFID middleware (such as SAP's AutoID-Infrastructure, SAP All).

Using its hierarchical approach and SOA implementation, CrossTalk seeks to bridge the gap between physical infrastructure and business applications.

CIBER RFID Specialization

CIBER is a certified RFID ramp up partner. We are the leading integrator of native SAP RFID Solutions in complex SAP landscapes and we have experience in both third party and native SAP RFID solutions. We are represented in both Department of Defense and commercial RFID implementations. CIBER delivers solutions that go beyond SAP's standard RFID solution package and we work closely with SAP to ensure future upgradeability.

CIBER is your partner for all of your RFID hardware and tagging needs. We are a reseller for all major RFID hardware and tag manufacturers, and have the in-house capabilities to deploy wireless, mobile solutions; CIBER will optimize the different technologies and devices in your facility. The benefit is clear: services and hardware come from one source, so you have one responsible party if a problem arises.

CIBER's RFID integration services include:

- DoD and commercial RFID mandate compliance
- Site spectrum analysis
- Tag selection and placement optimization
- SAP Auto-ID Infrastructure setup and integration
- SAP XI/PI installation and configuration
- Mobile and fixed RFID device selection and deployment
- Global Data Synchronization Network (GDSN) master data synchronization
- Full size RFID test center

The CIBER noFilis Value

The partnership between CIBER and noFilis provides the best of both worlds – an experienced SAP software and RFID integration partner with a proven track record, and a software company with a unique and robust device management

solution, combined with SAP integrated monitoring tools.

The advantages of the CIBER noFilis partnership include:

- Native SAP RFID solution (SAP All) without third party interfaces
- Total cost of ownership: your IT department already has experience with common SAP tools like IMG, ABAP, CCMS and IDOCs and does not have to acquire new technology skills for SAP All
- Solid device management layer to most current RFID and PLC devices
- Diagnostics fully integrated with SAP's CCMS (alternative diagnostic options also available)
- noFilis CrossTalk is certified for SAP All integration
- Certified SAP Services Alliance Partner
- SAP All ramp up partner
- One company for all your RFID services and hardware needs

Learn More

For more information on the features of Crosstalk, please visit www.nofilis.com.

To learn more about CIBER's solutions, please call us at 800-242-3799 or visit www.ciber.com.

About CIBER, Inc.

CIBER, Inc. (NYSE: CBR) is a pure-play international system integration consultancy with superior value-priced services for both private and government sector clients. CIBER's global delivery services are offered on a project or strategic staffing basis, in both custom and enterprise resource planning (ERP) package environments, and across all technology platforms, operating systems and infrastructures.

Founded in 1974 and headquartered in Greenwood Village, Colo., the company now serves client businesses from over 60 U.S. offices, 20 European offices and four offices in Asia. Operating in 18 countries, with 8,000 employees and annual revenue of approximately \$1 billion, CIBER and its IT specialists continuously build and upgrade clients' systems to "competitive advantage status." CIBER is included in the Russell 2000 Index and the S&P Small Cap 600 Index.

The logo for CIBER, Inc. features the word "ciber" in a bold, lowercase, sans-serif font. The letters "c", "i", "b", and "e" are in a dark blue color, while the letters "r" and "e" are in a lighter blue color. A registered trademark symbol (®) is located to the upper right of the final "e".

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