



RFID Site Analysis

Collecting business case, use case and environmental insights that impact ROI

Alien's RFID Site Analysis service provides thorough investigation into the business case, use case, environmental considerations, and performance measurements upon which an RFID implementation plan is established.

Your RFID deployment success is too important to be left to chance. Avoid predictable implementation risks and plot the greatest opportunities for ROI by leveraging the industry founding RFID solution design and implementation experience of Alien's Professional Services team. Seasoned experts map solution considerations after careful analysis of the existing physical environment, RF characteristics and its interaction with product materials, and current business processes so that you can deploy in an effective manner.

Successful RFID Deployments Start Here

With a purpose to capture, document, analyze, and evaluate all factors impacting successful RFID implementation design and performance, Alien's Professional Services unique RFID Site Analysis process will:

- Confirm full understanding of existing business process details and the anticipated effect of implementing automatic data capturing technologies.
- Map site-specific physical constraints to be addressed during deployment.
- Document the IT infrastructure topology, including data requirements, back-end data bridging requirements and enterprise resource planning needs
- Examine the current ecosystem to determine deployment points which yield the greatest impact and ROI with the least interruption to current activities.
- Explore and report site-specific RF interference sources or points of incompatibility.
- Provide tag recommendations based on product attributes
- Determine RFID tag readability options and benefits at each RFID read point.

Consider the spectrum of technical solution options including hand held devices, desktop printers, fork truck mounted devices and active RFID deployments

"Alien's Site Analysis lets us be certain that our RFID deployments go as planned. Having seen hundreds of engagements, their Professional Services team brings a level of knowledge and experience matched by none."



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Combining a mixture of on-site field work with lab-based evaluation as needed, Alien's Professional Services team delivers a portfolio of reports, presentations, data studies, and scenario examples upon which a stable RFID implementation plan can be built.

Experience. The Results.

Partnering with Alien's Professional Services team before an RFID deployment has allowed organizations of every size and across every market segment to more efficiently and cost effectively develop an RFID implementation strategy. The difference between going it alone and leveraging Alien's Professional Services for RFID Site Analysis is the results.

Alien's Professional Services team, staffed by experts with decades of combined experience designing and deploying successful RFID solutions, provides technical guidance and assistance in application areas such as manufacturing, warehouse, distribution, asset tracking, brand protection, cold chain management, and logistics, as well as integrating RFID applications and data into enterprise systems and business processes. Only this level of experience can produce the results you require.

By engaging Alien's Professional Services subject matter experts to conduct an RFID Site Analysis you receive:

- ▶ A professionally developed report outlining business case requirements
- ▶ Station-by-station, use-case specific guidance for system installation
- ▶ Process flow diagrams
- ▶ Spectral-analysis procedure definition, data results, and recommendations
- ▶ A detailed bill of materials for the RFID hardware, RFID tags, and professional services required to achieve the defined success metrics

Experience the results of Alien's Professional Services RFID Site Analysis.

Engage Alien Professional Services

Alien's Professional Services team will meet or exceed the success metrics defined for each engagement. For more information or to engage Alien's Professional Services, visit <http://www.alientechnology.com/services/>

Activities

- Business case requirements
- Process review and deployment implications
- IT infrastructure topology
- Data-integration and platform requirements
- Spectral monitoring and analysis
- Physical element identification
- Environmental hazards such as exposure to weather elements, risk of physical destruction, etc.
- RFID read-point determination
- Power and data requirements
- On-site testing
- Solution recommendations and equipment selection

Typical Locations

- Supply chain facilities
- Distribution centers
- Manufacturing facilities
- Retail environments
- Automobile environments
- IT centers
- Hospitals
- Apparel

Schedule

- In Brief
- Initial Site Tour
- Discovery
- Site Survey
- Interference Testing
- Station Testing
- Out Brief
- Report Delivery

