



RFID Optimized!

Prepare the RFID team to analyze, install, and optimize an RFID hardware system

Roll up the sleeves and take full advantage of our completely equipped RFID Solutions Centers as you encounter and learn to solve a wide range of RFID challenges in complex real-world settings.

RFID Optimized! is a one-day, one-of-a-kind, hands-on technical workshop designed for professionals with a grounding in the basics of RFID who now need to stand-up, manage or troubleshoot an RFID implementation. Under the guidance of seasoned RFID experts, students are actively challenged to analyze business case factors, customer requirements, environmental factors, equipment configurations and workflow processes to determine their impact on ongoing RFID success.

Master the Real-world Challenges of RFID Deployment

With an action plan in hand, students are tasked to:

- › Conduct successful site surveys, locate physical hindrances, and detect interference sources using spectrum analyzers.
- › Successfully interface to and validate hardware installation; program reader commands; manage light stacks, photo-eyes and horns; wire up reader I/O; and configure and debug programming/acquisition RFID implementations on a high speed conveyor.

Combining interactive classroom participation, role-play challenges, and simulated warehouse, manufacturing and retail environments, RFID Optimized! places particular emphasis on:

- › Overcoming widely encountered real-world challenges using best practices, tools and techniques proven successful over numerous RFID implementations.
- › Building an arsenal of practical knowledge that is leverageable across the entire RFID implementation lifecycle—from go-live to ongoing change management and troubleshooting.

Instructors

The RFID Academy courses are designed and taught by teams of experienced RFID Application experts who have helped define and lead some of the industry's most successful deployments. Actively on the forefront of RFID in the field, these instructors focus on delivering an intensive, hands-on educational experience addressing the real-life issues and challenges in implementing RFID.

Takeaways

After taking RFID Optimized!, you will possess the know-how to:

- › Stand-up an RFID implementation
- › Conduct a comprehensive site survey
- › Leverage a RFID portal within your operation and incorporate RFID with a turntable
- › Configure a roller or flat-bed conveyor reader array
- › Program tags on a conveyor
- › Determine whether you can interface your reader directly to various inputs and outputs
- › Configure a reader to automatically execute a series of events under predetermined conditions
- › Optimize the use of particular tags in both static and dynamic applications, and on various materials

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RFID Optimized! Topics

Build hands-on expertise in:

- › Site survey considerations
- › Using the spectrum analyzer
- › Mastering the Autonomous Mode state machine
- › Interfacing to the optically-isolated Digital Inputs and Outputs
- › Auto evaluation & notification
- › Optimizing the Gen 2 acquisition & programming workflow settings
- › Configure, debug and resolve tag, antenna, reader, I/O and system issues
- › Configuring conveyor acquisition reader arrays
- › Configuring in-line conveyor programming arrays
- › Interfacing to inputs and audible/visual indicators
- › Optimizing reader parameters in a portal environment and debugging reader settings
- › Observing static/dynamic tag performance characteristics on various materials
- › Implementation process and blueprint

Who Should Attend?

The RFID Academy courses are designed for technical management and staff responsible for RFID strategy or implementation, including:

- › Application Architects & Engineers
- › Converters
- › Distributors/VARs
- › End-users
- › Hardware/Software Engineers
- › Solution Providers
- › Supply Chain Professionals
- › System Architects & Engineers
- › Systems integrators

Sample Agenda

8:00 am	Registration & Breakfast
8:30 am	Reader State Machine Inputs/Outputs Reader Configuration
10:15 am	Site Survey Process Spectrum Analyzer
12:00 pm	Lunch break
1:00 pm	Standing Up a Solution Preventative Maintenance
2:15 pm	Working with Photo Eyes Configuring a Portal Interfacing To a Reader Creating Macros High-Speed Reading In-line Programming
5:00 pm	Class completes

Prerequisites

The RFID Academy's RFID Now! and RFID at Work! are highly recommended prerequisites.

What to Bring?

Courses are designed to utilize real world scenarios and experiences. Please bring questions and challenges which may be shared.

Registration

Registration is limited and is on a first come first serve basis. Early registration is recommended to secure your enrollment. Please visit www.rfidsolutionscenter.com/academy for session dates, global locations and to register.

The RFID Academy Assurance

If you complete this course and believe that you are not prepared to initiate an RFID effort, you can repeat the course within a period of one year, at no cost to you. You will only need to pay for the costs associated with travel if applicable.