

Course ID

IDEN-O

Course Duration

1 day

Related Courses

- GSM: A Technology Overview (GSM-B, 1 day)
- GSM: Network Architecture, Operation, and Design (GSM-I, 5 days)
- iDEN™: Network Architecture, Operation, and Design (IDEN, 4 days)
- GPRS: Network Architecture, Operation, and Design (GPRS, 3 days)
- EDGE: Network Architecture, Operation, and Design (EDGE, 2 days)

Aimed At

The standard presentation of this course assumes a bachelor of science in Electrical Engineering, Mathematics, Physics, or a related subject along with an appropriate background in communications.

Group Size

5-25

Prerequisites

- Working knowledge of wireless network structure and operation, RF propagation and fading issues, and link budget analysis
- At least six months experience in the design of a wireless network using any major technology

Course In a Nutshell

While less widely deployed than other technologies, iDEN™ was the first to bring “push-to-talk” to a sizeable market.

Unlike other technologies, iDEN™ is a proprietary technology developed by Motorola. Some aspects of iDEN™, being proprietary, can create difficulties for those working with this technology. However, since it’s a TDMA-based technology, many of the issues are already widely understood and just need to be discussed in the context of iDEN™.

In this course, you will learn the key structures of iDEN™. While we can’t get into the Motorola proprietary information, we will learn how iDEN™ works and what resources you can bring to bear to help with your job.

Customize It!

Customize this course at little-to-no additional cost to your specific needs. We offer distinct versions tailored for audiences such as:

- Network design and optimization engineers
- Equipment or application designers
- Less technical audiences such as managers, executives, business planners, sales and marketing specialists, and operations and support personnel

Course Outline

We will provide a detailed course outline following training needs assessment. Please call or e-mail to schedule a no-obligation conference call to help us understand your audience background and training objectives.

**How You Will
Learn**

- You will learn in interactive lecture format from an instructor who's among the most knowledgeable and dynamic in the industry.
- Along with lecture, we use exercises, puzzles, case studies, and interesting group activities to enrich the instruction and drive home the essential points.
- If you already know something about the technology, we will build on that. We'll compare and contrast what's familiar with what's new, making new ideas easier to learn as well as more relevant.
- If your background is less technical, we will use meaningful and ingenious examples and analogies to simplify the complex subject matter.
- The Participant Handbook will provide you with a structure to which you can add the information and insight provided in real-time, turning it into a valuable reference resource you can take back to your job

Revised

Nov 7, 2005