VoIP: Protocols, Design and Implementation

Description:

This course provides the concepts, design considerations and deployment models for VoIP . It is designed for technical or strategy managers, consultants who plan to evaluate, design, build or work with VoIP networks, applications and services.

Objectives:

- To assess the strengths and limitations of VoIP vis-à-vis traditional telephony
- Describe the current markets, applications and network providers for VoIP
- Understand the key components of a VoIP design and how they fit together
- Understand the VoIP protocols and their importance to your design
- Appreciate bandwidth considerations and apply compression methods
- Learn VoIP provider concepts
- Develop a VoIP deployment plan.

Course content:

- VoIP vs. traditional telephony: Advantages and disadvantages
- VoIP Systems Architecture
- VoIP Protocols and Compression Methods
- VoIP Devices and Systems
- VoIP Planning and Design
- VoIP Provider/Carrier Considerations and Planning
- Future of VoIP communications.

Delivery type:

The training is scheduled for 2-3 days depending on audience background and options and is instructor led.
One day is divided in two modules of 3 hours each.