

SIP Desk Phones & Hardware for Unified Communication Systems



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Course Description

This course gives a practical, systems-view of Session Initiation Protocol (SIP) hardware for internet-based phone systems. You'll learn how SIP endpoints register/authenticate and how to provision devices like desk phones, analog telephone adapters (ATA) for fax, overhead paging adapters, and SIP speakers so they work with your modern Unified Communications (UC) platform.

Learning Tracks

Technical

Collaboration

Business Operations

UCaaS

Hardware & Devices

Productivity



Why This Course Matters

- SIP hardware underpins unified communications call quality, reliability, and user experience.
- Wide variety of device brands and types available, offers businesses with a multitude of possible solutions to optimize their unified communications.
- Modern paging: SIP speakers and paging adapters integrate directly with UC systems.

Who Should Attend

Register Now



IT
administrators



Operations
admins



Project managers
& coordinators

COURSE SYLLABUS

Course Overview

An intermediate guide to selecting, deploying, and managing SIP endpoints: desk phones, ATAs, paging adapters, overhead speakers, and other devices.

What You'll Learn

- 1 SIP & VoIP devices fundamentals
- 2 Endpoint types and use cases
- 3 Overhead paging architecture
- 4 Other types of hardware (fax, ringers, & intercoms)
- 5 Network Readiness & Testing

Syllabus

1. SIP Phones and Endpoints
2. Endpoint Portfolio and When to Use Each
3. Network & Power Fundamentals
4. IVR Architecture Patterns
5. Provisioning and Registration
6. Overhead Speakers & Paging System Design
7. Doorphones and Access Control
8. Testing, Management, and Troubleshooting

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