

## Implementing Express TelePresence Video Solutions v1.0 (PAIETVS)

### Course Objectives

Upon completing this course, you will be able to:

- Install, configure and operate a Cisco TelePresence C40 codec
- Configure a Cisco TelePresence Video Communication Server
- Configure and operate a Cisco TelePresence MCU 4501
- Configure and operate a Cisco TelePresence Management Suite

### Prerequisites

The knowledge and skills you must have before attending this course are as follows:

- Completed and passed the PATVSEE exam
- Completed the ELT component of the PAIETVS course

### Course Outline

#### **Endpoints**

- Cable up the C40 Codec
- Configure the C40 Codec
- Register the C40 Codec for SIP
- Test SIP calls
- Register the C40 Codec for H.323 and Interworking
- Test H.323 and Interworking calls

#### **Call Control**

- Configuration of IP settings
- SIP domain and SIP configuration settings
- Configuration of H.323 and Interworking settings
- C40 Inbuilt multipoint and presentation capabilities
- Configuration backup

#### **MCU**

- MCU Setup
- MCU Operation
- MCU backup

#### **Management**

- Booking
- Monitoring
- Managing Systems
- Phone Books

## **Express Labs**

- Lab 1-1 Documentation
- Lab 1-2 Installation
- Lab 1-3 Basic Configuration
- Lab 2-1 Basic Configuration
- Lab 2-2 SIP Configuration and testing
- Lab 2-3 H.323 Configuration and testing
- Lab 2-4 Advanced operation
- Lab 2-5 Backup and Restore
- Lab 2-6 Firewall traversal
- Lab 3-1 Documentation Quiz
- Lab 3-2 Basic MCU Configuration
- Lab 3-3 MCU Operations
- Lab 3-4 Auto Attendant
- Lab 3-5 MCU backup
- Lab 4-1: TMS Installation
- Lab 4-2: TMS Systems Management
- Lab 4-3: TMS Conference Booking
- Lab 4-4: TMS Phone Book Configuration