

# MiVoice MX-ONE R. 8.1 Installation & Maintenance - Core Part 1

The MiVoice MX-ONE Core I&M course covers fundamental tasks involving installing, configuring, maintaining, and troubleshooting a MiVoice MX-ONE system. Focus will be on SIP devices and SIP trunking.

This course qualifies new technicians with MiVoice MX-ONE I&M Certification, which is a prerequisite for MiVoice MX-ONE Core Part 2 I&M.

As your Authorized Mitel Training Partner, we kindly ask you to use the direct MiAccess LMS links provided below to register for requirement(s) and course in MiAccess LMS.

## Target Group

Engineers, Technicians, Installers, Maintainers

## Requirements

In order to enroll in this course, students must have:

- | [MiVoice MX-ONE Primer Self-Study - MiAccess LMS link to register](#)

Recommended but not required:

- | Voice and Data Technology Primer Self-Study
- | Networking 4 VoIP (or current CCNA or CTP certification)
- | SIP School – SSCA (or have passed SIP Challenge Exam)

When you have finished the requirement, please enroll in the course in MiAccess LMS:

- | [MiVoice MX-ONE Rel 8.1 I&M - Core Part 1 \(International\) - MiAccess LMS link to register](#)

To get the maximum benefit from this course, the student should spend some On-Job-Training time both prior to and after this course.

**IMPORTANT NOTICE:** Before registering for this course, it is imperative that students have a working knowledge of IP based LANs including routers, switches, DHCP, FTP and Telnet. It is equally important that students be very comfortable with PCs including network configuration and IP utilities. Please note that instructors will not spend extra time with students who do not have the necessary knowledge. Instructors may, at their discretion, dismiss students who do not meet prerequisite requirements. Should this happen, course fees will prevail and the student will not receive certification for the course.

## Methods

**Instructor Leader Led/ILL:** Physical classroom environment

**Remote Leader Led/RLL:** Virtual classroom environment

**Hybrid:** ILL or RLL. You can attend the course on-site or remotely.

Equipment and Setup Requirements for Remote Leader Led Training:

- | One telephone capable of hands-free or headset operation with mute capability. This will be used for Audio Conferencing.
  - | Two PCs or one PC with dual screens. One will be for the web session and the other is for ESM and documentation access.
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- | Four Mitel SIP Phones (68xxi/69xx series).
- | One Layer 2, PoE Switch to support the IP Phones High Speed Internet connection. 2 Mbps download and 400 Kbps upload minimum recommended speeds. A Mitel/Aastra power supply for the SIP phone is also acceptable.
- | Web Camera is required for the monitored exam on the last day of the course

Equipment for class needs to be set up in a quiet environment for the best learning experience. Students must also have access rights to install software on the PC(s) for purposes of the lab environment. Notification and information regarding Teleworker IP addressing and URLs will be communicated to the student by the Instructor prior to class start date. A test procedure will be included in this information to ensure all communication requirements will be met.

## Key Features

### System Overview

- | Main Components
- | Software Architecture
- | Cassandra System Database
- | Data Structure
- | Overview of Redundancy features
- | Accessing the System
- | MiVoice MX-ONE Management Suite
- | MX-ONE Service Node Manager Login
- | MX-ONE Provisioning Manager (PM)
- | Security - System Management
- | User Accounts
- | Command Line Interface and Root Access
- | PuTTY
- | Common Linux Commands Used
- | WinSCP

### Licensing

- | Overview
- | New licensing for MiVoice MX-ONE rel 8.x
- | Traditional, Feature based and Subscription licensing
- | License Application and Installation using mxone\_maintenance
- | Impact of Replacing Hardware (LIM Repair) to Licensing
- | PM Display of License Information

### System Installation and Basic Maintenance

- | Hardware Architecture
- | System Installations
- | Overview
- | Telephony Server Installation - using VMs
- | Finishing the Install and Configure MX-ONE Telephony System
- | Telephony Server Installation with OVA/OVFs and Recovery DVDs
- | Using the net\_setup process for Localization, Network and System Configuration



Language: English

incl. VAT

**Remote Leader Led/RLL**

18.05.2026 - 22.05.2026

2.695,00 EUR (Net)

/ 3.207,05 EUR (incl. 19% V.A.T.)

Language: Russian / CIS

incl. VAT

**Remote Leader Led/RLL**

08.06.2026 - 12.06.2026

2.695,00 EUR (Net)

/ 3.207,05 EUR (incl. 19% V.A.T.)

Language: English / ANZ

incl. VAT

**Remote Leader Led/RLL**

22.06.2026 - 26.06.2026

2.695,00 EUR (Net)

/ 3.207,05 EUR (incl. 19% V.A.T.)

Language: English

incl. VAT

## Duration

5 Days

## Certificate

Mitel Certification

## Contact Person



**Barkin Gökay**

Tel: + 90 212 346 35 75

Mobil: +90 532 285 40 78

[barkin.goekay@topbusinessgmbh.com](mailto:barkin.goekay@topbusinessgmbh.com)

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