

Mitel Gateway Installer V1.5.x

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AMT/PTD/PBX/0007/3/0/EN

USER GUIDE



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1 OVERVIEW

The Mitel GW Installer is a tool to manage your EX Controller, GX Gateway and TA.

It runs on Windows 10/11 with .NET 8.0. You must install the .NET Desktop Runtime 8.0.X available at <https://dotnet.microsoft.com/download/dotnet/8.0> .

The tool is available in French and English depending on the language of the used browser.

The Mitel GW Installer tool allows the following actions:

- Update of EX / GX / TA systems,
- Network configuration,
- Management of VMs integrated into the EX Controller.

The tool is available in the Software Download Center area at <https://miaccess.mitel.com>.

The screenshot shows the Mitel GW Installer interface with the following sections:

- Web Server:** Contains fields for URL (http://), Port (8080), Login (exdeployuser), and Password (exdeploypassword). Buttons include "Change port", "Disable authentication", and "Change password". Status: "Server is running ...".
- EX Controller / GX Gateway / TA:** Contains fields for FQDN / IP Address (10), SNMP version (V3), Community (public), SNMPv3 login (mv5000), SNMPv3 password, Gateway (EX), EX Controller - 04, Firmware (Dgw 4.2732-MT), and a dropdown for MediatrixSentinel_Dgw_48.4.2772-MT-1-g9865f5. Buttons include "Refresh", "Clear", "Scan new hardware (snmpv1)", "Upgrade", and "Deploy".
- Network interfaces:** A table showing network interface details:

	Name	Interface	Type	IP Address	Gateway	State	VLAN
<input checked="" type="checkbox"/>	ExLan	eth2-5	IpStatic	[redacted]	[redacted]..	Active	disable
<input checked="" type="checkbox"/>	Uplink	eth1	IpDhcp			LinkDo...	disable
<input checked="" type="checkbox"/>	Default ...	-	IpStatic	[redacted]			
- Virtual machines:** A table showing virtual machine details:

	Name	State	Start	Cpu	RAM(MB)	Storage(GB)	MAC Address	Network	Format	VNC Id
<input checked="" type="checkbox"/>	MIV5000	Started	Auto	2	2048	10	[redacted]	Virtio	Qcow2	-1

Important note for URL in the “Web Server” area:

- The **URL** box at the top must use an IP address reachable by the EX/GX/TA (it depends of the number of active network cards in your system). Use the dropdown to change if needed.



Note: Do not use the Backup function ( icon) in the current version of the tool.

2 FIRST DEPLOYMENT ON EX CONTROLLER

- Extract the MiVoice 5000 disk from the EX image available at Software Download Center server (example: EX_A5000_R8.0_C10.zip).
- Copy the image file (.img) in the folder dedicated to the Gateway Installer, “www/images” directory.
- Connect one of the **ETH2-5** ports of the EX Controller to the PC;
- Enter the IP address **192.168.0.10** in the **EX Controller / GW Gateway / TA** button.



Note: 192.168.0.10 is the default IP address for the EX Controller

- Select the IP address reachable by the hardware in the **URL** box.
- Check that the **SNMP version** box is on **V1**, and the **Community** box is on **public**.
- Click the **Refresh** button. The Gateway Installer displays the EX information.
- If **exdeploy** is in the list of virtual machines, remove **exdeploy**.

The EX Controller should be up to date before proceeding:

- Select the firmware update to apply in the **Firmware** dropdown,
- Click the **Update** button,
- When the update ends, click the **Refresh** button to see the right firmware version.
- Click the **Deploy** button.

A new window opens.

- Enter the desired network settings in the new window:
 - Deployment settings: Choose the software to install with the Gateway Installer
 - EX/GX/TA IP Settings: Enter the reserved network information for the EX Controller,
 - VM settings: Enter the VM information.

Refer to the table below according to the needed configuration:

Model	Max subscriber number	CPU (count)	Disk (Go)	RAM (Mo)
With the MiVoice 5000 R8.3				
EX Controller 4GB	1500*	3	20	3584
EX Controller 16BG	1500	4	20	4096
With the MiVoice 5000 R8.2 SP4				
EX Controller 4GB	1500	3	15	3584
EX Controller 16BG	1500	4	15	4096

* ; if using the integrated CloudLink Gateway, max subscribers number: 500

- VM IP settings: Enter the reserved network information for the VM.



Note: Starting from version 1.5.0, the Mitel Gateway Installer can configure a second WAN IP address (ETH1 port on the EX Controller). The WAN IP address is required to use the SBC of the MiVoice 5000 or for the administration network when separating flows.

The administrator can configure the routes on the MiVoice 5000 Server after deploying the EX Controller. Refer to the document **Mitel EX Controller, Mitel GX Gateway, Mitel AG4100 and TA7100 - Installation and Configuration**

- **For a migration to an EX Controller only:**

- Tick the **Migration** box in the **VM Settings** section. The **Backup** line is accessible.
- Click the **Browse...** button in the **Backup** line.
- Select the original MiVoice 5000 system's general backup file in the file manager.
- Depending on the MiVoice 5000 system, Mitel Gateway Installer requests various additional files.

For an old Call Server, a new line appears:

Click the **Browse...** button in the **Specific archive** line.

Select the specific Call Server archive file in the file manager.

For an old MiVoice 5000 Gateway, two new lines appear:

Click the **Browse...** button in the **mevo.tar** and **sip_sets.tar** line.

Select the corresponding backup files in the file manager.

- Click the **Validate** button.

3 UPDATE, VM OR NETWORK MANAGEMENT

- Select the IP address reachable by the hardware in the **URL** box.
- Enter the IP address or FQDN of the gateway in the **EX Controller / GW Gateway / TA** box.



Reminder: **192.168.0.10 is the default IP address for the EX Controller, GX Gateway and TAs.**

- Select the correct SNMP release and the associated SNMP credential (community for SNMPv1/v2c or the SNMPv3 Login/Password for SNMPv3).
- Click the **Refresh** button.
- The Gateway Installer displays the EX/GX/TA information:
 - **To upgrade:**
Use the **Firmware** dropdown to select the desired release,
Click the **Upgrade** button.



Note: **Only the last release is available by default. If you want to add your own EX/GX/TA release, copy the firmware to the folder dedicated to the Gateway Installer, “www\firmwares” directory.**

- **To change the network settings (GX Gateway/TA only):**
Click the **Deploy** button,
Change the network settings as desired,
Click the **Validate** button.



Note: **When installing a GX Gateway or TA and modifying the network settings for the first time, connect the box to the PC through:**

- **One of the ETH2-5 ports for the GX Gateway,**
- **The ETH1 port for the TAs.**

The default IP address for the GX Gateway and the TAs is 192.168.0.10

4 SCANNER TOOL

A scanner is also available:

- Enter the range start / end of your subnet to scan
- Click the **Start** button to launch the scan.
- Use the **Stop** button to cancel the current scan.



Note: **All servers responding in SNMPv1 will be listed.**