Updating by Repository

01/2020 AMT/PTD/PBX/0155/3/4/EN



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1 INTRODUCTION

This document describes how to update the software components of a cluster, MiVoice 5000 Server, Mitel 5000 gateways, compact MiVoice 5000 system through a localised upgrade server, either on the operator's PC (Windows), or on the MiVoice 5000 Manager server PC, or on a public Mitel platform.

1.1 **REFERENCE DOCUMENTS**

- XD XL XS XS12 XS6 MiVoice 5000 Server Functional description and hardware installation:
 - AMT/PTD/PBX/0150/EN.
- Mitel 5000 Gateways and MiVoice 5000 Server Activation:
 - AMT/PTD/PBX/0151/EN.
- MiVoice 5000 Web Admin XD-XL-XS-XS12- MiVoice 5000 Server Operating manual:
 - AMT/PTD/PBX/0080/EN.
- MiVoice 5000 Manager Installation manual
 - o AMT/PTD/NMA/0040/EN
- MiVoice 5000 Manager User manual
 - o AMT/PUD/NMA/0003/EN
- Updating R6.3 security patches on Redhat and CentOS 7.x
 - AMT/PTD/NMA/0062/4/0/EN
- MiVoice 5000 Server/Manager Upgrading to R6.3
 - o AMT/PTD/PBX/0161/1/0/EN

1.2 **TERMINOLOGY**

Web Admin:	MiVoice 5000 Web Admin.
CS:	Cluster Server
DHCP:	Dynamic Host Configuration Protocol.
HTTP:	HyperText Transfer Protocol.
HTTPS:	HTTP Secure.
MAN:	Upgrade
Operating system:	Operating System
PBX:	Private Branch eXchange
SIP:	Session Initiation Protocol.
TMA:	Terminal Management Application.
URL:	Uniform Resource Locater.
XML:	eXtended Markup Language.
YUM:	Yellowdog Updater Modified

1.3 **DEFINITION**

Mitel 5000 Gateways:	MiVoice 5000 series phone system, equipped with specific hardware which normally serves as gateway.
Cluster:	MiVoice 500 telephony systems comprising physical systems (Mitel 5000 Gateways, Mitel 500, MiVoice 5000 Server our MiVoice 5000 compact) or virtual systems (MiVoice 5000 Server) connected to a central MiVoice 5000 Server dedicated to general control, called Cluster Server.
Cluster Server:	physical or virtual MiVoice 5000 Server systems dedicated to global Cluster control. This system can be duplicated.
Node:	Mitel 5000 Gateways, MiVoice 5000 Server or Mitel 500 system belonging to a Cluster and managed by the Cluster Server.
Updating by repository:	new method of upgrading an iPBX based on the use of an upgrade server on which are stored the software components required to upgrade the software of a Cluster, MiVoice 5000 Server, Mitel 5000 gateways, EX Controller or of a MiVoice 5000 compact.

2 **DESCRIPTION**

2.1 INTRODUCTION

This new method is based on the use of an upgrade server on which are stored the software components required to upgrade the software of a Cluster, MiVoice 5000 Server, Mitel 5000 gateways or of a MiVoice 5000 compact.

The upgrade server may be located:

- on the installer's PC,
- on the Mitel public server,
- on the MiVoice 5000 Manager server PC.

> Up to R6.4

- Each software component is provided with its own package.
 - A software component may be:
 - CentOS
 - Some security patches related to CentOS
 - The iPBX application release
 - The software of a terminal model (there are as many software components as terminal models).

For a software subscription, check the validity of the license.

> As of R6.5

Simplification of package format

The software release of a Cluster, MiVoice 5000 Server, Mitel 5000 gateways or MiVoice 5000 compact system is only upgraded by Repository using an upgrade server on which the upgrade packages are stored.

These packages, unlike the previous ones, bring together, in a single compressed file, all the software components necessary for the software upgrade.

A compressed \geq R6.5 package may be:

- A package containing a new version of MiVoice 5000,
- A package containing a delta batch for a MiVoice 5000 version,
- A package containing the security patches,
- A package containing the terminal software.

In all these types of packages, a tool is also delivered to define the Repository on the installer's laptop disk and install the packages there.

This tool allows an HTTP / HTTPS link to be set up in order to manage the exchanges between the MiVoice 5000 Server when there is no MiVoice 5000 Manager, for instance.



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2.2 SYSTEM COMPATIBILITY FOR UPDATES WITH OR WITHOUT REPOSITORY

MiVoice 5000 Servers

MiVoice 5000 Server De \Vers	R6.1	R6.2	R6.3 SP+	R6.4	≥ R6.5
R6.1	With or without Repository	With or without Repository	Upgrade requir	ed with change fro	m OS to CentOS
R6.2		With or without Repository	K7.A II	worving prior data i	баскир
R6.3 IP			Without Repository (old method)	Without Repository (old method)	Not supported
R6.3 SP1			With or without Repository	With or without Repository	Only with Repository with new ≥ R6.5 package
R6.4				With or without Repository	Only with Repository with new ≥ R6.5 package
Release ≥ R6.5					Only with Repository with new ≥ R6.5 package

The new package delivered as of R6.5 can be used to upgrade to release \geq R6.5 a MiVoice 5000 Server R6.3 SP1, R6.4 or \geq R6.5.

For the old method without repository not described below, refer to the documents relating to these incompatible versions.

Mitel 5000 Gateways

Mitel 5000 gateway From/To	R6.1	R6.2 SP+	R6.3 SP+	R6.4	≥ R6.5
R6.1	Without repository (old method)	Nithout repository (old method)	Without repository (old method)	Nithout repository (old method)	Not supported
R6.1 SPX	With or without repository	With or without repository	With or without repository	With or without repository	Repository with new package only
R6.2		Nithout repository (old method)	Without repository (old method)	Nithout repository (old method)	Not supported
R6.2 SP2		With or without repository	With or without repository	With or without repository	Repository with new package only
R6.3 IP			Without repository (old method)	Nithout repository (old method)	Not supported
R6.3 SP1			With or without repository	With or without repository	Repository with new package only
R6.4 IP				With or without repository	Repository with new package only
≥ R6.5 IP					Repository with new package only

The new package delivered in release \geq R6.5 can be used to upgrade to version \geq R6.5, a Mitel 5000 gateway R6.1 SPX, R6.2 SP2, R6.3 SP1, R6.4 or \geq R6.5.

For the old method without repository not described below, refer to the documents relating to these incompatible versions.

Additional comments

MV 5000 Manager automatically adapts the Upgrade function to the software release of the site or the list of selected sites.

For an upgrade from MiVoice Manager, it is still possible to upgrade sites with a release below R6.4 in a heterogeneous multi-site configuration using the old methods.

2.3 NEW FEATURES BROUGHT IN BY R6.5 FOR UPDATE BY REPOSITORY

- The Upgrade Server gives access to CentOS security patches (MiVoice 5000 Server), a new version of the MiVoice 5000, a batch of a version of the MiVoice 5000 or a terminal software package.
- A tool that turns the user's Windows PC into a repository upgrade server.
- With a system release ≥ R 6.4 managed by a MiVoice 5000 manager, the interface has control and status monitoring for each stage and for each site.

3 INSTALLING THE REPOSITORY AND ≥ R6.5 PACKAGES ON THE INSTALLER'S LAPTOP PC

If the repository is installed on the Installer PC, this PC must be on the same network as the iPBXs to be upgraded.

This PC must be in a Windows environment (Windows 7 minimum).

The **R6.5_RC_AXYZ.zip** package provided for the release \geq R6.5 by Mitel must be decompressed into a local directory of the installer PC.

It is advisable to always use the same directory to facilitate the management of different update releases.

The R6.5 package is valid, no matter the original release and iPBX type (Gateway or Server).

The tool is valid for upgrades to relase \geq R6.5 only.

This package contains:

- The MiVoice 5000 Server update package
- The Mitel 5000 gateway update package, including the operating system supported by these systems
- o The terminal software update TMA package
- o A tool for transforming the installer PC into a Repository Server.

Installation

- Place this R6.5_RC_XXXX.zip file in a local directory on the installer PC.
- Decompress this file.
- The decompressed directory is in the form:



• Then run the executable file RepositoryServer.exe



Note: The message "Alert me when the Windows firewall blocks a new program" may appear. Ignore the message and allow the executable to run.

The upgrade server management screen opens, allowing the actions described in the figure below:

	💌 MiVoice 5000 - Upg	rade Web server		For copying the installer PC URL in order to fill it out in AMP (Server settings of Menu Upgrade from the repository)
Settings required for iPBX access to the update server	Web Server URL Port	http://10.148.66.76:8080/	Copy URL Change port	For changing the port defined for connection in the AMP
For activating secure access in	Enable SSL Login Password	MVoice5000 admin	Compatibility R6.1 / R6.2 Change password	Access compatibility For iPBX, R6.1 and R6.2 versions For changing the password set for the compaction is the AMP
Options list of versions installed in the installer PC repository	Versions MiVoice 5000 Sets OS Server	A5000 R6.5 /AE00 ▼ 53xx R6.5 /A100 ▼	Delete this version Delete this version Delete this version	For deleting a version in the local Repository
		Server is running		

TMA can access a terminal release even if this release is included in a MiVoice 5000 package.

The MiVoice 5000 Update software offers an option to remove a MiVoice 5000 package, a TMA terminal package or an OS patch package.

This package removal is only available when the package is not part of the MiVoice 5000 package.

The following parameters may be personalised:

- Password: password used by the iPBX to access the local installer PC server
- Port: (default value: 8080) port defined in the URL to access the local server
- Protocol: HTTP (by default) or HTTPS

When a parameter is changed, its value is stored locally. The tool therefore shows the last value stored locally each time the tool is started.

4 UPGRADING BY REPOSITORY WITHOUT MIVOICE 5000 MANAGER

4.1 **PREREQUISITES**

Packages for upgrading to release \geq R6.5 are supported as of release R6.1 (latest service pack) on Mitel 5000 gateway and as of R6.3 (last service pack) on Mitel 5000 Server. Refer to Section 2.2 for compatibility details.

The packages are provided by Mitel and must be retrieved from the PC or dedicated server for the repository.

If the repository is installed on the Installer PC, this PC must be on the same network as the iPBXs to be upgraded.

This PC must be in a Windows environment (Windows 7 minimum).

In release \geq R6.5, the operating system must be CentOS 7.x for MiVoice 5000 Server and MiVoice 5000 compact. Therefore, it is mandatory to first upgrade to CentOS 7.x if the current operating system version is earlier than CentOS 7.x.

4.2 SUMMARY OF THE STAGES OF THE PROCEDURE

This section gives a summary of the phases of the procedure.

For full details of each phase see the following sections.

- Collect the update packages from Mitel.
- Manual installation of update by Repository packages on the installer PC for a repository on installer PC,
- Enter the IP address of the Repository server in Web Admin.
- Programming, via Web Admin, the date/time of package download on the iPBX concerned
- Programming, via Web Admin, the date/time when these packages will be taken into account on the iPBXs concerned
- Validating the packages on the iPBXs concerned.

If failures occur during these different phases, the actions must be restarted.

4.3 UPDATING THE SYSTEM IPBX APPLICATION RELEASE



Note: When the system's application version is updated, the terminal software type components are also updated on the system according to the rules defined below.

4.3.1 FOR UPGRADING R6.1 - R6.4 TO RELEASE \geq R6.5:



NOTE: For some releases and depending on the MiVoice 5000 Server or Gateway system, update by repository is not applicable. Refer to Section 2.2. For these releases, only the old method (without repository) is applicable. The old method is not described in this document, refer to Operating manual AMT/PTD/PBX/0080 for these releases.

From Web Admin, Menu Telephony service>System>Software maintenance>Upgrade from repository:

- In the Server Settings tab,
- For a Mitel server, tick the **Mitel server** box.
- If the repository is installed on a server other than Mitel server, untick the Mitel Server box.
- Fill in the address of this server as well as the corresponding login/password also defined on the repository server.

If the repository is installed on the installer PC, after launching the tool **RepositoryServer.exe** retrieve the address from the **Copy URL** button. Refer to Section 3.

🔀 Mitel Te	lephony service	
Web Admin home Subscribers System Software maintenance Update from the repository Dialing plan Network and links Reception Voice mail and tones Fast links	Update from the repository Telephony service>System>Software maintenance>Update from the repository (2.5.) Server settings Upgrade Mitel Server Server address http://10.255.70.20;8080/ Login admin Password *******	5)
Mitel Telep	phony service	admin MiVoice 5000
Web Admin home Subscribers System	Update from the repository Telephony service>System>Software maintenance>Update from the repository (2.5.6) Server settings Upgrade	؟ 🎝 🍣
Dialing plan Network and links Reception Voice mail and tones Fast links	Update type AUTOMA CUSTOMI SAFETY	FIC SED

- In the upgrade tab, for **Update type**, select **Automatic** (this corresponds to downloading the system upgrade package).
 - All the components of the upgrade package are listed.

- The components to be upgraded are automatically selected according to the following rules:
 - Any application or terminal software version above the current version in the system
 - Any component selected in the management MMI from the list of components (Menu Telephony service > Subscribers > Terminals and applications > Software)
- The components to be upgraded are automatically **unselected** according to the following rules:
 - Any application or terminal software version equal to the current version in the system
 - Any component not selected in the management MMI from the list of components (Menu Telephony service > Subscribers > Terminals and applications > Software)
 - Any terminal software type component included in the system upgrade package
- In the Software version field, only the upgrade packages whose version is above or equal to the current version of the system and installed on the upgrade server is displayed.
- Note: If no upgrade package is displayed, it means that either the URL or login is incorrect or that the licence is not valid.
 - Indicate whether the downloading of the upgrade package to the site concerned is immediate or deferred. Also specify the maximum time taken to transfer the upgrade package installation script.
- Note: By default, in deferred mode, downloading is programmed to start 10 minutes later. If the duration of downloading exceeds the number of hours defined, the downloading process is abandoned.
 - For the **Type of switchover** parameter, indicate whether the switchover is **immediate** or **deferred**.
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Note: In deferred mode, the programming of switchover takes account of the maximum duration of transfer.

• Check that the **To load** parameter has actually been ticked for application or terminal software type components, then click the **Validation** button.

Downloading the application version to and implementing it on the iPBX

- After the previous action is started and, depending on its configuration, the components are downloaded to the system concerned from the upgrade server.
- These components are taken into account when the system restarts automatically.
- After this restart, validate the active software from the Web Admin welcome banner.



Note: The version of CentOS remains identical after the new application version is installed on an MiVoice 5000 server.

4.3.2 UPGRADING RELEASES \geq R6.5 N TO RELEASES \geq R6.5 N + 1:

From Web Admin, Menu Telephony service>System>Software maintenance>Upgrade

- In the Server Settings tab,
- For a Mitel server, tick the **Mitel server** box.
- If the repository is installed on a server other than Mitel server, untick the Mitel Server box.
- Fill in the address of this server as well as the corresponding login/password also defined on the repository server.

If the Repository is installed on the installer PC, after launching the tool **RepositoryServer.exe** retrieve the address from the **Copy URL** button. Refer to Section 3.

🕅 Mitel Tele	ephony service
Web Admin home Subscribers System Software maintenance Upgrade Dialing plan Network and links Reception Voice mail and tones Fast links	Upgrade Telephony service>System>Software maintenance>Upgrade (2.5.3) Server settings Upgrade Mitel Server

Mitel Telep	phony service	admin MiVoice 5000
Web Admin home Subscribers System Software maintenance Upgrade Dialing plan Network and links Reception Voice mail and tones Fast links	Upgrade Telephony service>System>Software maintenance>Upgrade (2.5.3) Server settings Upgrade	Update type APPLICATION SAFETY

- In the upgrade tab, for Update type, select APPLICATION (this corresponds to the downloading of the IPBX upgrade package).
 - All the components of the upgrade package are listed.
 - The components to be upgraded are automatically selected according to the following rules:
 - Any application type or terminal software release above the current version in the system,
 - Any component selected in the management MMI from the list of components (Menu Teerminal service > Software management)
 - The components to be upgraded are automatically **unselected** according to the following rules:

- Any component or terminal software version equal to the current version in the system
- Any terminal software type component included in the system upgrade package
- In the **Software version** field, only the upgrade packages whose version is above or equal to the current version of the system and installed on the upgrade server are displayed.

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- Note: If no upgrade package is displayed, it means that either the URL or one of the login parameters is incorrect.
 - Indicate whether the downloading of the upgrade package to the site concerned is **immediate** or **deferred.** Also indicate the maximum transfer time.
- Note: By default, in deferred mode, downloading is programmed to start 10 minutes later. If the duration of downloading exceeds the number of hours defined, the downloading process is abandoned.
 - For the **Type of switchover** parameter, indicate whether the switchover is **immediate** or **deferred**.
- 1
- Note: In deferred mode, the programming of switchover takes account of the maximum duration of transfer.
 - Check that the **To load** parameter has actually been ticked for application or terminal software type components, then click the **Validation** button.

Downloading the application version to and implementing it on the iPBX

- After the previous action is started and, depending on its configuration, the components are downloaded to the system concerned from the upgrade server.
- After this step, the switchover starts immediately or at the programmed time and starts by preparing the new software release.
- After this restart, validate the active software from the Web Admin welcome banner.
- Note: The version of CentOS remains identical after the new application version is installed on an MiVoice 5000 server.



4.4 UPDATING OPERATING SYSTEM SECURITY PATCHES

This section only applies to (physical and virtual) MiVoice 5000 Server systems on which CentOs is installed.

For MiVoice 5000 gateway systems, this menu is not applicable because the embedded OS is updated if necessary when the Application is updated.

As of R 6.5, the version of the security patches can be viewed in Menu **Telephony** service>System>Info> Software Id.

Note: The usual method of upgrading the security patches remains valid (see AMT/PTD/NMA/0062).

4.4.1 FOR RELEASES R6.1 TO R6.4

NOTE: Update by repository is not applicable for some releases. Refer to Section 2.2. For these releases, only the old method (without repository) is applicable. The old method is not described in this document, refer to Operating manual AMT/PTD/PBX/0080 for these releases.

From Web Admin, Menu **Telephony service>System>Software maintenance>Upgrade from** repository:

- In the Server Settings tab,
- For a Mitel server, tick the **Mitel server** box.
- If the repository is installed on a server other than Mitel server, untick the Mitel Server box.
- Fill in the address of this server as well as the corresponding login/password also defined on the repository server.

If the Repository is installed on the installer PC, after launching the tool **RepositoryServer.exe** retrieve the address from the **Copy URL** button. Refer to Section 3.

- In the **Upgrade** tab, for **Update type**, select **Security** (this corresponds to downloading the security patch component of CentOS, or the operating system for Mivoice 5000 gateways).
- In the **Software release** field, only the latest security patch installed on the upgrade server is displayed if the upgrade is necessary.
- Indicate whether downloading the operating system security patch or operating system to the site concerned is **immediate** or **deferred**. Also specify the maximum time taken to transfer the security patch installation script. The default value is appropriate in most cases. However, in cluster configuration, this duration can be adjusted according to the number of nodes.

Note: If the duration of downloading exceeds the number of hours defined, the downloading process is abandoned.

• For the Type of switchover parameter, indicate whether the switchover is immediate or deferred.

Note: In deferred mode, the programming of switchover takes account of the maximum duration of transfer.

• Check that the **To load** parameter is actually ticked, then click the **Validation** button.

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Web Admin home Update from the repositor Subscribers System Software maintenance Update from the repository Update from the repository Update type Dialing plan Software versi Network and links Max. duration Reception Downloading Yoice mail and tones Switchover type	y SAFETY • on SECURITYPATCH R6.X /A900 • of the download (hours) 6 type IMMEDIATE • De IMMEDIATE • Validation

Downloading the security patches of the operating system on the iPBXs and taking them into account on the iPBXs

- After the previous action is started and, depending on its configuration, the installation script is downloaded to the system concerned from the upgrade server.
- When running this script, the OS security patches are downloaded and installed locally on the system concerned from the upgrade server.
- The security patches (packages) of the upgraded CentOS are taken into account after the system restarts automatically.
- The new operating system for MiVoice 5000 Gateways is taken into account when the system automatically restarts.
- After this restart, validate the active software from the Web Admin welcome banner.

4.4.2 FOR RELEASES R6.5 AND HIGHER

From Web Admin, Menu Telephony service>System>Software maintenance>Upgrade from repository:

- In the Server Settings tab,
- For a Mitel server, tick the **Mitel server** box.
- If the repository is installed on a server other than Mitel server, untick the Mitel Server box.
- Fill in the address of this server as well as the corresponding login/password also defined on the repository server.

If the Repository is installed on the installer PC, after launching the tool **RepositoryServer.exe** retrieve the address from the **Copy URL** button. Refer to Section 3.

- In the **Server settings** tab, check that the **Server** is ticked (by default).
- In the **Upgrade** tab, for **Update type**, select **SAFETY** (this corresponds to downloading the security patch component of CentOS on MiVoice 5000 Servers).
- In the **Software release** field, only the latest security patch installed on the upgrade server is displayed if the upgrade is necessary.
- Indicate whether the downloading of the operating system security patch to the site concerned is **immediate** or **deferred**. Also specify the maximum time taken to transfer the security patch installation script. The default value is appropriate in most cases. However, in cluster configuration, this duration can be adjusted according to the number of nodes.
- Note: If the duration of downloading exceeds the number of hours defined, the downloading process is abandoned.
 - For the Type of switchover parameter, indicate whether the switchover is immediate or deferred.
- Note: In deferred mode, the programming of switchover takes account of the maximum duration of transfer.
 - Check that the **To load** parameter is actually ticked, then click the **Validation** button.

🕅 Mitel 🛛	Telephony service	admin MiVoice 5000	۹
Web Admin home Subscribers System Software maintenance	Upgrade Telephony service>System>Software maintenance>Upgrade (2.5.3) Server settings Upgrade		D, 🔳
Dialing plan Network and links	Update type Software version	SAFETY	
Reception Voice mail and tones Fast links	Max. duration of the download (hours) Downloading type		
	Component Versic OS 7.x		
	Validatio	on	

Downloading the security patches of the operating system on the iPBXs and taking them into account on the iPBXs

- After the previous action is started and, depending on its configuration, the installation script is downloaded to the system concerned from the upgrade server.
- When running this script, the OS security patches are downloaded and installed locally on the system concerned from the upgrade server.
- The security patches (packages) of the upgraded CentOS are taken into account after the system restarts automatically.
- The new operating system for MiVoice 5000 Gateways is taken into account when the system automatically restarts.

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5 UPGRADING WITH UPGRADE SERVER LOCATED ON MIVOICE 5000 MANAGER

5.1 **PREREQUISITES**

Packages for upgrading to releases \geq R6.5 are supported as of release R6.1 (latest service pack) on Mitel 5000 gateway and as of R6.3 (last service pack) on Mitel 5000 Server.

The Manager version must be \geq V3.5.

5.2 GLOBAL UPDATE

In this architecture, the terminal service is deactivated on each system, and the TMA integrated into MiVoice 5000 Manager is used to manage the terminals, especially to update the terminal software.

MiVoice 5000 Manager Upgrade Services allow:

- Sites to be upgraded to releases ≥ R6.5 via the MiVoice 5000 Manager using the menu Immediate Actions>Upgrade
- MiVoice 5000 Server and Compact operating system security patches to be installed via MiVoice 5000 Manager using the menu Immediate Actions>Upgrade.

In R6.5, the update versions may be different between the different nodes and the Cluster server by respecting the following rules:

- The Cluster Server version must be higher or equal on all the nodes.
- If an update of a node is requested in a version above that of the Cluster Server, the Cluster will also be selected for update in that version.
- If the administrator ticks only the Cluster server checkbox, the action will only be launched on this Cluster server.
- Note: When a cluster is partially upgraded, the administrator can continue the upgrade operation by selecting the same configuration. In this case, the menu automatically selects the cluster equipment that had not been upgraded previously. The operation is complete when all nodes are upgraded.

The management of the models managed on each iPBX is available from Web Admin before R6.5 and in TMA (Terminal Service) as of R6.5.

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5.3 SUMMARY OF THE STAGES OF THE PROCEDURE

The processing described below does not concern iPBXs \geq R6.4 which benefit from an upgrade operation control and monitoring service.

This section gives a summary of the phases of the procedure.

For full details of each phase see the following sections.

- Activating the upgrade server located on the MiVoice 5000 Manager server
- Installing the packages on the MiVoice 5000 Manager upgrade server
- Programming, via MiVoice 5000 Manager, the date/time of package download on the iPBXs concerned
- Programming, via MiVoice 5000 Manager, the date/time when these packages will be taken into account on the iPBXs concerned
- Validating the packages on the iPBXs concerned.

If failures occur during these different phases, the actions may be restarted.

5.3.1 ACTIVATING THE UPGRADE SERVER LOCATED ON THE MIVOICE 5000 MANAGER SERVER

From MiVoice 5000 Manager, Menu Administration>Configuration

- Select the Upgrade server screen.
- Click Activate service.

Settings	Hours of campaign	Export	Purge	Scope	Directory	Security	Filterings	User Portal	Update server	iPBX monitoring
odate serve	er							/#	Sector Contraction of	
		Disable	e the servi	ice		Change p	assword			
	Mital 5000 rale	20.00	-				_		_	
	Mitel 5000 rele	ases				•	D	elete this version	n	
	Mitel 5000 rele	ases						elete this version	n	
	Mitel 5000 rele Phones	ases				•		elete this version elete this version	n	
	Mitel 5000 rele Phones Server OS ver	ases				•		elete this version elete this version elete this version		
	Mitel 5000 rele Phones Server OS ver	sions				•		elete this version elete this version elete this version	n	
	Mitel 5000 rele Phones Server OS ver	eases sions				•		elete this version elete this version elete this version	n	

• Enter two times the password used to log on to the upgrade server, then click **OK**.

Note: The password is freely defined by the user.

An information message indicates that the new password associated with the login has been taken into account.

The upgrade server is enabled, allowing the installation of packages related to iPBXs, terminals and operating system patches.

1

5.3.2 INSTALLING THE PACKAGES ON THE MIVOICE 5000 MANAGER UPGRADE SERVER

5.3.2.1 Welcome screen

With the upgrade server enabled, the screen has 3 fields with an options list:

- Versions of Mitel 5000,
- Terminals,
- Operating system versions.

Configu	ration									
Settings	Hours of campaign	Export	Purge	Scope	Directory	Security	Filterings	User Portal	Update server	iPBX monitoring
pdate serv	er									
	_	Dischl)	_	Channel		_		
		DISADI	e the servi	ce	-	Change p	assword			
	Mitel 5000 rele	20.00	45000		004					
			Δ50001	K6.5 KU /A	901	-				
	Miller Subur Teles		1.0000					elete this version		
	Phones		53xxip	R6.4 /A700)	•		elete this version		
	Phones		53xxip	R6.4 /A700)			elete this version		
	Phones Server OS vers	sions	53xxip	R6.4 /A700)			elete this version elete this version elete this version		
	Phones Server OS vers	sions	53xxip	R6.4 /A700)			elete this version elete this version elete this version		

Note: During a first installation, all these fields are empty.

The Add button is used to download and install new versions on the Upgrade server.

The **Delete** this version button is used to delete a package from the Repository upgrade server.

5.3.2.2 Downloading and installation

2

As of R6.5, the package for an upgrade is a single compressed file (.zip):

- R6.5_RC_AXYZ.zip containing software updates for Mitel 5000 iPBXs (Gateway and Server) and terminal software.
- **SECURITYPATCH_R7.X_05.zip** containing the security patch upgrade for the MiVoice 5000 Server and Compact systems.

From the previous screen:

- Click Add.
- Select R6.5_RC_AXYZ.zip or SECURITYPATCH_R7.X_05.zip type file in the directory concerned from the file manager.
- Click Open.

This file is then downloaded to the MiVoice 5000 Manager upgrade server.

- Wait for the message which indicates that the software package has been successfully installed.
- Click OK.

The Operations log also shows the package installation.

Once the download is complete, the new versions will be available in the options completing those previously loaded:

Examples

Configur	ation					
Settings	Hours of campaign Export	Purge Scope Directory	Security Fil	terings User Portal	Update server	iPBX monitoring
date serve	er					
	Disat	ble the service	Change passw	ord		
	Mitel 5000 releases	45000 R6 5 RC (4901		Delete this user is a	_	
				I Internet This is a feature to the		
		A5000 R6 3 RC (A901		Delete this version		
	Phones	A5000 R6.3 RC /A901		Delete this version		
	Phones	A5000 R6.3 RC /A901 A5000 R6.3 RC /A902 A5000 R6.3 RC /A902		Delete this version		
	Phones Server OS versions	A5000 R6.3 RC /A901 A5000 R6.3 RC /A902 A5000 R6.3 RC /A801 A5000 R6.3 RC /A601		Delete this version		
	Phones Server OS versions	A5000 R6.3 RC /A901 A5000 R6.3 RC /A902 A5000 R6.3 RC /A902 A5000 R6.3 RC /A602 A5000 R6.3 RC /AC02 A5000 R6.3 RC /AC03		Delete this version Delete this version Delete this version		
	Phones Server OS versions	A5000 R6.3 RC /A901 A5000 R6.3 RC /A902 A5000 R6.3 RC /A901 A5000 R6.3 RC /AC02 A5000 R6.3 RC /AC03 A5000 R6.3 RC /AC03 A5000 R6.3 RC /AC04		Delete this version Delete this version Delete this version		
	Phones Server OS versions	A5000 R6.3 RC /A901 A5000 R6.3 RC /A902 A5000 R6.3 RC /A902 A5000 R6.3 RC /AC02 A5000 R6.3 RC /AC02 A5000 R6.3 RC /AC03 A5000 R6.4 /AA00		Delete this version Delete this version Delete this version		
	Phones Server OS versions	A5000 R6.3 RC /A801 A5000 R6.3 RC /A902 A5000 R6.3 RC /A801 A5000 R6.3 RC /A202 A5000 R6.3 RC /A203 A5000 R6.3 RC /A204 A5000 R6.3 RC /A204 A5000 R6.4 /AA00 A5000 R6.4 /AA00		Delete this version Delete this version Delete this version		
	Phones Server OS versions	A5000 R6.3 RC /A501 A5000 R6.3 RC /A902 A5000 R6.3 RC /A902 A5000 R6.3 RC /AC02 A5000 R6.3 RC /AC03 A5000 R6.3 RC /AC04 A5000 R6.3 RC /AC04 A5000 R6.5 /A601 A5000 R6.5 /A601		Delete this version Delete this version Delete this version		

Settings Hours of campaign Export Purge Scope Directory Security Filterings User Portal Update server IPBX i Update server Disable the service Change password Image: Change password	
Disable the service Change password Mitel 5000 releases A5000 R6.5 RC /A901 ▼ Phones 67xxi R6.5 /A200 ▼ Delete this version 53xx R6.4 /A100 Server OS versions 53xx R6.4 /A100 Staxip R6.4 /A100 53xxip R6.4 /A100 Staxip R6.5 /A200 ▼ Delete this version 53xxip R6.4 /A100 Staxip R6.4 /A100 53xxip R6.4 /A100 Staxip R6.5 /A200 ▼ Craxi R6.5 /A200 ▼	Xmonitorin
Disable the service Change password Mitel 5000 releases A5000 R6.5 RC /A901 Phones 67xxi R6.5 /A200 Server OS versions 53xx R6.4 /A100 S3xx R6.4 /A100 Saxx R6.4 /A100 S3xx R6.4 /A100 S4.000 67xx R6.5 /A200 67xx R6.5 /A200 67xx R6.5 /A200 67xx R6.5 /A200	
Disable the service Change password Mitel 5000 releases A5000 R6.5 RC (A901) Phones 67xxi R5 /A200 Delete this version 53xx R6.4 (A100 Server OS versions 53xx R6.4 (A100 S3xxip R6.4 /A700 Crxxi R6.5 /A200 Delete this version S3xxip R6.4 /A100 S3xxip R6.4 /A700 Crxxi R6.5 /A200 Crxxi R6.5 /A200 Crxxi R6.5 /A400	
Mitel 5000 releases A5000 R6.5 RC /A901 Delete this version Phones 67xxi R6.5 /A200 Delete this version Server OS versions 53xx R6.4 /A100 Delete this version Savx R6.4 /A500 Delete this version Server OS versions 53xxi R6.4 /A100 53xxi R6.4 /A100 53xxi R6.5 /A200 67xxi R6.5 /A400 Delete this version	
Mitel 5000 releases A5000 R6.5 RC /A301 Delete this version Phones 67xxi R6.5 /A200 Server OS versions 53xx R6.4 /A100 Saxip R6.4 /A100 Saxip R6.4 /A100 Saxip R6.4 /A100 Saxip R6.4 /A100 Saxip R6.4 /A100 Saxip R6.5 /A200 Saxip R6.4 /A100 Saxip R6.5 /A200 Saxip R6.4 /A100 Saxip R6.5 /A200 Saxip R6.5 /A200 Saxip R6.5 /A400	
Mitel 5000 releases A5000 R6.5 RC (A901 Delete this version Phones 67xxi R6.5 (A200 Delete this version Server OS versions 53xx R6.4 (A100 Delete this version Sax R6.4 (A100 53xx R6.4 (A100 Delete this version Sax R6.4 (A100 53xx R6.4 (A100 Delete this version Saxip R6.4 (A100 Delete this version Saxip R6.4 (A100 67xxi R6.5 (A200 67xxi R6.5 (A400	
Mitel 5000 releases A5000 R6.5 RC /A901 Delete this version Phones 67xxi R6.5 /A200 Server OS versions 53xx R6.4 /A100 Saxip R6.4 /A100 Saxip R6.4 /A100 Saxip R6.4 /A100 Saxip R6.4 /A100 Saxip R6.5 /A200 67xxi R6.5 /A200 67xxi R6.5 /A200 67xxi R6.5 /A200 67xxi R6.5 /A400	
Mitel 5000 releases A5000 R6.5 RC /A901 Delete this version Phones 67xxi R6.5 /A200 Delete this version Server OS versions 53xx R6.4 /A100 Delete this version Saxip R6.4 /A100 53xxip R6.4 /A100 Delete this version S3xip R6.4 /A100 53xxip R6.4 /A100 Delete this version 67xxi R6.5 /A200 67xxi R6.5 /A200 67xi R6.5 /A400	
Mitel 5000 releases A5000 R6 5 RC /A901 Delete this version Phones 67xxi R6 5 /A200 Delete this version Delete this version Delete this version Delete this version Sixxi R6 4 /A100 Sixxi R6 4 /A100 Sixxi R6 4 /A100 Sixxi R6 5 /A200 Crixxi R6 5 /A400 Crixxi R6 5 /A400	
Phones 67xxi R6.5 /A200 Delete this version Server OS versions 53xx R6.4 /A100 Delete this version Saxxip R6.4 /A100 Delete this version Delete this version Saxxip R6.4 /A100 Delete this version Delete this version Saxip R6.4 /A100 Saxip R6.4 /A100 Delete this version Saxip R6.4 /A100 Saxip R6.4 /A100 Delete this version Saxip R6.4 /A100 Saxip R6.4 /A100 Delete this version Saxip R6.4 /A100 Saxip R6.4 /A100 Delete this version Saxip R6.5 /A200 67xxi R6.5 /A200 Delete this version	
Phones 67xxi R6.5 /A200 Delete this version Server OS versions 53xx R6.4 /A100 Delete this version Server OS versions 53xxip R6.4 /A100 Delete this version Delete this version Saxip R6.4 /A100 Saxip R6.4 /A100 Delete this version Saxip R6.4 /A100 Saxip R6.4 /A100 Delete this version 67xxi R6.5 /A200 67xxi R6.5 /A400	
Phones 67xor R65 / 4/200 Delete this version Sarva R64 / A100 Sarva R64 / A100 Delete this version Sarva R64 / A100 Sarva R64 / A100 Delete this version Sarva R64 / A100 Sarva R64 / A100 Delete this version Sarva R65 / A200 Grave R65 / A200 Grave R65 / A400	
Server OS versions 53xx R6 4 /A100 Delete this version 53xx R6 4 /A500 Delete this version 53xxip R6 4 /A700 53xxip R6 4 /A700 67xxi R6 5 /A200 67xxi R6 5 /A200 67xxi R6 5 /A400 67xxi R6 5 /A400 67xxi R6 5 /A400	
Server OS versions 53xx R6 4 /A500 Delete this version 53xxip R6 4 /A100 53xip R6 4 /A100 67xin R6 5 /A200 67xin R6 5 /A200 67xin R6 5 /A400 67xin R6 5 /A400	
53xxip R6.4 /A100 53xxip R6.5 /A200 67xxi R5.5 /A200 67xxi R5.5 /A400 67xxi R5.5 /A400	
53xxip R6.4 (A700 67xxi R6 5 (A200 67xxi R6 5 (A200 67xxi R6 5 (A400	
67xxi R6.57x400 67xxi R6.57x400 67xxi R6.57x400	
67xxi R6.57,4400	
67xxi R6.5 /A400	
6/XXI R6.5/A400	
1 DC 4 /4 /00	
omm_sip R6.4 /A400	

	ration	
Settings	Hours of campaign Export	t Purge Scope Directory Security Filterings User Portal Update server iPBX monitorin
pdate serv	rer	
	Dias	the the service
	Disa	Change password
	Mitel 5000 releases	A5000 R6.5 RC /A901
	Phones	67xxi R6.5 /A200 Delete this version
	Server OS versions	SECURITYPATCH R7.X /A400

The **Delete this version** button is used to delete a package from the Repository upgrade server.

5.3.3 UPGRADE

From MiVoice 5000 Manager, Menu Immediate actions>Upgrade,

5.3.3.1 Consideration

If the version of one or more of the sites is < R6.4, the screen shows the old interface, for memory:

grade						
n : "Region1" -	Multisite : "Multisite-ACS-2" - 9	Site : "ACS-2				
nge Regions/Sites						
			Files transfer			
pdating type	Automatic	-	Immediate (max.	.6 h)		
elease	R6.1 RC /C801		O Differed (max. 6	h) 1/31/20	115 12:00 A 🔫	
			Maximum transfer o	duration (in hours)	6	
			Switchover type			
			Immediate after t	transfer		
			O Differed synchro	nous	1/31/2015 6:00	A 👻
			O Differed with con	figurable date by site		
			Automatic valid	ation after (nb days):		_
			Old updating serv	rice		
Site	Application release	1	OS release	Updating	Keycode	Action state
ACS-2 A5	000 B6 1 SP1 /C700	OS Cen	tos R6.3			

In these cases, for the procedure, refer to document AMT/PUD/NMA/0003 for releases < R6.4. If all sites are in a release \geq R6.4; the screen is the one described in the paragraph below.



5.3.3.2 Description of the upgrade screen (All Sites with version \geq R6.4)

Updating type: Application (iPBX software and/or terminals) or Security (OS patches)

Release:

Only releases above the current release are proposed.

Update status: for updating the status of the sites according to the action in progress

Action status bar

These different fields are used to view the progress of actions. The colour of the field indicates its status:

- Blue: the action is ready to be started.
- White: the action remains to be started.
- Grey: action completed.

Transfer or switchover actions can be initiated immediately or delayed:

Upgrade server: gives access to the upgrade server, so a release can be added or removed. This screen is also accessible in the **Upgrade server** tab of Menu **Administration> Configuration**.

Site(s) status: for viewing the status of sites (active and inactive release):

2

	s				1								
		Active	version			Inactive version							
Name	Rel	ease	State	Validation d	ate	Release		State	Validation	n date			
LUSTER_VAL	A5000 R6.5 RC /A901	FRA	VALIDE	03:00 31/01/18	A500	0 R6.5 RC /A901 FRA	VALIDE		03:00 31/01/18				
	Global	information		Se	rver Conne	ection	Active ver	rsion	Inactive ver	sion			
Phone number	Name	IP address	Dongle	State	Purpose	Access time (ms)	Release	State	Release	Stat			
4	NOEUD51	10.148.69.51	03FF012005AE2A	CONNECTE		0							
5	NOEUD52	10.148.69.52	03FF012004E7F2	CONNECTE	()	0							
- 6	NOEUD_AXS_210	10.148.70.210	01060001101DCB	CONNECTE		0							
		2											

- **Refresh:** refreshes the status if necessary.
- Close: closes the display window

Note: The status of the sites is also accessible from Menu Administration>Network Topology menu, via the Cluster/Nodes Status button.

For the buttons, see Section 5.3.3.3.

5.3.3.3 Upgrading IPBXs software releases (Application)

-2

NOTE:

Note: Refer to Section 5.3.3.1 for the presentation of this main screen.

A step can only be scheduled if Step n-1 has been successfully completed (in this case, switchover after transfer).

The steps must be followed in the order described below. A step can only be scheduled if Step n-1 has been successfully completed (in this case, switchover after transfer).

From MiVoice 5000 Manager, Menu Immediate actions>Upgrade,

• Select the system to be updated.

date type :	Application		1 V	ersion :		A5000 R6.5 //	-A00		Update server
ransfer				Switching					
Immediate					Site(s) status				
O Delayed	3/14/2018 3:48	PM 💌				3/14/20	18 3:48 PM 👻		
Maximum transfer time (in hours)	1		V Automatio	e validation aft	er (in days):	1		
Transfer prog.	Transfer	Switching	prog.	Swite	hing		Jpdate status	7	
	Site		τι	ransfer prog	T	ransfer	Switching prog.	Sv	vitching
I▼ △ Name	Version :	icence Comp		Status		Status	Status		Status
CLUSTE A50	00 R6.4 /AA00	<u>A</u> 4							
	Node		Tran	sfer prog.	Transfer	Switching p	or Switching		
▼ Name	Version :	Comp		Status	Status	Status	s Status		
NOEUD5	A5000 R6.5 RC /A901		1.1			.1.0			
- V NOEUD5	A5000 R6.5 RC /A901								
NOEUD_	A5000 R6.4					×.			
		_							5
					26	TARGET AND A CONTRACT OF CONTRACTOR			100000000

Step 1

The first step concerns the procedure for transferring the software from the upgrade server (Repository).

- 1. In the **Update type** field, select **Application** or **Safety**, and select the version for the upgrade (**Version** field).
- 2. In the **Transfer** section, indicate whether the downloading of the application version to the site(s) in question is **Immediate** or **Delayed.** Also indicate the maximum time taken to transfer the application version component.
- 3. Tick the box or boxes of sites to be upgraded.

Note: For a cluster:

If the checkbox of a node is ticked requesting an update to a version above that of the Cluster Server, the checkbox of the Cluster will be automatically ticked, the rule being that a Cluster cannot have a version < that of a node.

-1

4. Optional > Click on the Component checkbox of the sites in question for the choice of

components.

The administrator can selectively manage components update site by site (Site list or Cluster).

• Click on the **Component** box of the site in question.

In the same example, the component selection window is as follows.

bice 5000 Manager	r Client		
Components 🔻	Release	To upload	
omm_sip	7.0.SP3		1
Appli	A5000 R6.5 /AA00	V	
6940	5.0.0.1017		
6930	5.0.0.1017		
6920	5.0.0.1017		
6873i	5.0.0.1017		
6869i	5.0.0.1017	V	
6867i	5.0.0.1017	V	
6865i	5.0.0.1017	V	Ξ
6863i	5.0.0.1017	V	1
6757i	3.3.1.4365		1
6755i	3.3.1.4365		
6753i	3.3.1.4365		
6751i	2.6.0.1007		
6739i	3.3.1.4365		
6737i	3.3.1.8230		
6735i	3.3.1.8230		
6731i	3.3.1.4365		
6730i	3.3.1.4365		1
6710i	3.2.2.52		
F0 -	4.0.10	[and	
	ОК	Cancel	

- Click on the boxes concerned and confirm with **OK**.
- 5. Start the transfer by clicking Launch action.
- 6. The display shows the progress of the transfer to the iPBX. If the status is NOK, restart the action with the same **Launch action** button.

Intermediate status of the first step

date type :	Application		1	Version :		A500) R6.5 /AAU	0	63	Upda	ate server
ransfer			Switching								
Immediate										Site	(s) status
O Delayed	3/14/2018 3:52 PM	1 🖵					3/14/2018	3:48 P	M		
Maximum transfer time (in	hours)	1		V Automatio	c validation af	ter (in (days):		1		
Transfer prog.	Transfer	Switching p	orog.	Swite	hing		Upd	ate sti	atus		
	Site			1	Transf	er	SI	vitching prog.	Switching		
Name	Version : Lice	ence Com	pone	it 🔺 Status			Status			Status	Status
CLUSTE A5000	R6.4 /AA00 ppppp	opp		Q 0	к	🧔 In Pro		SS			· · · ·
	Node		Trar	nsfer prog.	Transfer	Swi	tching pr	Sw	itching		
Name	Version :	Comp		Status	Status		Status		Status		
NOEUD5 A	45000 R6.5 RC /A901			S							
NOEUD5 A	A5000 R6.5 RC /A901										
NOEUD_ A	A5000 R6.4 /AA00		0	In Progre]	
											6

7. The **Update status** button is used to refresh the status in order to know the progress status. To restart the action on the faulty sites, click **Launch action**.

Final status of the first step

() Immediate			Switching Immediate								Site	(s) statu	s
Delayed	3/14/2018 3:53 P	M		O Delaye	be			3/14/2018 3	3:48 PM	-			
Maximum transfer time (i	n hours)	1		V Autom	atic	validation aft	er (in	days):		1			
Transfer prog.	Transfer	Switching	prog.	S	witch	ing		Upd	ate status				
	Site			1 7	Tran:	sfer prog.		Transf	er	Sv	vitching prog.	Sv	vitching
Name	Version : Lic	ence Com	pone	nt 🛆		Status		Sta	tus		Status		Status
CLUSTE A50	00 R6.4 /AA00 pppp	ppp		Q	OK		Q	ОК			[]		
	Node		Trar	nsfer prog.		Transfer	Sw	itching pr	Switch	ning			
Name	Version :	Comp		Status		Status		Status	St	atus			
- NOEUD5	A5000 R6.5 RC /A901									_			
- NOEUD5	A5000 R6.5 RC /A901												
NOEUD_	A5000 R6.4 /AA00		Q	OK	Q	ОК							

To move to step 2, all actions must be completed and have the status OK.

Step 2

grade sett pdate typ	tings e :		Application	1	•	١	/ersion :			A500	0 R6.5 /AA0	0	•	Upda	ate server
Fransfer							Switching								
() Imm							Immer	diate						Site	(s) status
	iyed		3/14/2018	3:53 PM	*		🔿 Delay	ed	1		3/14/2018	3:48 PM	-		
Maximu	um transfer t	time (i	n hours)		1		Auton	natic	validation afte	er (in	days):		1		
7	Transfer prog	g.	Transfer	Sv	vitching	prog.	s	witch	iing		Upd	ate status	,] 4	
			Site					Tran:	sfer prog.		Transf	er	Sw	itching prog.	Switching
	Name		Version :	Licence	Com	poner	nt 🛆		Status		Sta	tus		Status	Status
-	CLUSTE	A500	00 R6.4 /AA00	PPPPPPP			Q	OK		0	ок		1		
			Node			Tran	nsfer prog.	1	Transfer	Sw	itching pr	Switch	hing		
	Na	me	Version	:	Comp		Status		Status		Status	St	atus		
-	NOE	UD5	A5000 R6.5 RC /A9	9					İ.						
	NOE	UD5	A5000 R6.5 RC /A9												
	NOE	UD_	A5000 R6.4 /AA00			Q	ОК	Q	ОК						
	-							_							2
			Validation of release	e		Rollb	back		T	o can	cel update				Launch a

The second step concerns switchover:

- 1. In the Transfer section, indicate whether the switchover to the active status of the application version on the site(s) in question is Immediate or Delayed.
- Enter the licenses of the sites concerned in the License field if the icon A is displayed (optional • but strongly recommended).
- If applicable, tick Automatic validation after (in days). •
- Start the transfer (immediate or delayed) by clicking Launch action. 2.
- The display shows the progress of the transfer to the iPBX. 3.

Intermediate status



4. The Update status button is used to refresh the status in order to know the progress and restart the transfer procedure.

Final status

puare type .	Application	-	Version :		A50	000 R6	6.5 /AA00		•		Upda	te serv	er
Transfer													
Immediate									Site(s) statı	JS		
O Delayed	3/14/2018 3:53	PM 👻				3/1	4/2018 4:1	2 PM	Ŧ				
Maximum transfer time (in h	ours)	1	Autom	vatic valid	ation after (i	in day:			1				
Transfer prog.	Transfer	Switching prog	. s	witching			Update	e statu	s				
	Site		1	Transfer	prog.		Transfer		Swi	itchi	ng prog.	S	witching
Name N	/ersion : Li	cence Compor	nent 🔺	Status		1	Statu	s		1	Status		Status
- CLUSTE A5000	R6.5 RC /A901		Q	ОК	1	Q	ЭK		Q 0	K.		Q	OK
	Node			Transfe	er prog.	Tran	isfer :	Switcl	hing pr	s	witching		
Na Na	me	Version :	Comp		Status	s	itatus	6	Status		Status		
NOEUD52	A5000	R6.5 RC /A901	·····		1						1		
NOEUD51	A5000	R6.5 RC /A901											
NOEUD_AXS	_210 A5000	R6.4 /AA00		Q 0	K 🤇	0	C 4	0	K	Q	ОК		

- An automatic restart of the system(s) in question allows the new application version to be taken into account and it switches to **TEST** mode on each system.
- The status of the sites can be viewed by clicking the **Status of the site(s)** button.
- After this restart, validate the active software from the Web Admin welcome banner for each iPBX or using the **Validation of release** button described below.
- Note: Validation may be automatic if programmed during the upgrade operation.
- Note: The version of CentOS remains identical after the application version is installed on an MiVoice 5000 server.

Other commands

3/14/2018 3:53			Switching										
3/14/2018 3:53													
3/14/2018 3:53	10 A A										Site(s) statu	s
	PM 💌						3/14/2018	1:12 PN	1 -				
iours)	1		🔽 Auton	natic v	alidation afte	er (in c	lays):		1				
Transfer	Switchi	ng prog.	s	witchi	ng		Upd	ate sta	tus				
Site				Trans	fer prog.		Transf	er	Su	itchi	ng prog.	SI	vitching
Version :	icence C	omponent	A.		Status		Sta	tus			Status		Status
R6.5 RC /A901		244	Q	OK		Q	ОК		Q	ЭK		Q	OK
Node				Tran	nsfer prog.	Т	ransfer	Swit	ching pr	s	witching		
me	Version	;	Comp		Status		Status		Status		Status		
A500	0 R6.5 RC /As	01			İ -								
ADUU	U K0.0 KU /A2	01											
5_210 A500	0 R6.4 /AA00			9	OK	Q	ОК	Q	OK .	Q	OK		
1		2			3								
	Transfer Site Version : L R6.5 RC (A901) Node me I 1 A500 5_210 A500 1 J	Image: course of the second	Node Me Version : Licence Component Node Node Node Node Me Version : A5000 R6.5 RC (A901 Node 1 A5000 R6.5 RC (A901 Node Node 210 A5000 R6.5 RC (A901 Node Node 1 2 Z Node Node 210 A5000 R6.4 (A000 S Roliba Z	I I	Image: Constraint of the system Transfer Site Version : Licence Component R6 5 RC (A901 Node Trans Locence Node Transfer Version : Comp Locence Node Transfer Version : Comp Locone 5 RC (A901 Locone 5 RC (A901 Locone 5 RC (A901 Locone 6 Rollback	Image: Constraint of the second se	Transfer Switching prog. Switching Site Transfer prog. Site Transfer prog. Version : Licence Component R6 5 RC (A901 Status Node Transfer prog. Node Transfer prog. I A5000 R6 5 RC (A901 Image: Comp A5000 R6 5 RC (A901 Image: Comp A5000 R6 5 RC (A901 Image: Comp I A5000 R6 5 RC (A901 Image: Comp I A5000 R6 4 (AA00) Image: Comp I about ress rec (A901) Image: Comp I about ress Image: Comp I about ress Rollback	Transfer Switching prog. Switching Upd Site Transfer prog. Transfer prog. Transfer prog. Site Transfer prog. Transfer prog. Transfer prog. R65 RC (A901 C OK Q OK Node Transfer prog. Transfer prog. Transfer prog. I A5000 R65 RC (A901 Comp Status Status I A5000 R65 RC (A901 I I I A5000 R64 (AA00 I I I attion of release Rollback To cancel update	Transfer Switching prog. Switching Update sta Site Transfer prog. Transfer prog. Transfer Site Transfer prog. Transfer prog. Transfer Kes BC (A901 Status Status Status Node Transfer prog. Transfer Status Status I Ab000 R6.5 RC (A901 Comp Status Status I Ab000 R6.5 RC (A901 Image: Comp Status Status I Ab000 R6.5 RC (A901 Image: Comp Status Status I Ab000 R6.5 RC (A901 Image: Comp Status Image: Comp Scalo Asoon R6.4 (AA00 Image: Comp Status Image: Comp Scalo Asoon R6.4 (AA00 Image: Comp Status Image: Comp Scalo Asoon R6.7 (A901 Image: Comp Image: Comp Image: Comp Scalo Asoon R6.4 (AA00 Image: Comp Image: Comp Image: Comp Idation of release Rollback To cancel update	nours) 1 2 Automatic validation after (in days): 1 Transfer Switching prog. Switching Update status Site Transfer prog. Transfer Switching Version : Licence Component △ Status Status R6 5 RC /A901 Q OK Q I Node Transfer prog. Transfer Switching prog. Status Status Status Node Transfer prog. Transfer Switching prog. Status Status Status Aboon R6 5 RC /A901 Ocmp Status Status Status Aboon R6 5 RC /A901 Q OK Q OK 1 2 3 J J J Lidation of release Rollback To cancel update To cancel update	Site Transfer Switching prog. Switching Update status Site Transfer prog. Transfer Switching Version : Licence Component △ Status Status R6 5 RC (A901 Q OK Q OK Node Transfer prog. Transfer Switching prog. Status Status Status Node Transfer prog. Transfer Switching prog. Status Status Status Node Transfer prog. Transfer Switching prog. Status Status Status 1 A5000 R6 5 RC (A901 Image: Status Status Status 1 A5000 R6 5 RC (A901 Image: Status Status Status 1 A5000 R6 4 (A400 Image: Status Status Status 1 Z 3 Itation of release Rollback To cancel update	Node Transfer Switching Update status Site Transfer prog. Transfer Switching prog. Site Transfer prog. Transfer Switching prog. Kersion : Licence Component Status Status Status R6 5 RC /A901	Image: Source of the second

The following buttons, after transfer, respectively allow:

The **Validation of release** button allows immediate validation on all iPBXs (cluster or non-cluster configuration) without any intervention on each iPBX or Cluster, unlike **Launch action** which implies taking the release into account from Web Admin for each iPBX.



1

Rollback button

This button is used to restore the last software release validated but only if the release is in test mode.

For a cluster, rollback is carried out on the cluster server and nodes. If no release is in test mode, this is indicated by the report of the action in the operations log.

For a site list, rollback can be selectively launched by ticking the boxes of the IPBXs concerned:

- Click Rollback.
- Select the site(s) concerned.
- Click Launch action.

MiVoice 5000 Mar	nager Client		•
Rollback			
	Name 🗠	Release	
E-	CLUSTER_VALD	A5000 R6.5 RC /A901 FRA	
	Name	Release	
	NOEUD52	A5000 R6.5 RC /A901 FRA	
	NOEUD51	A5000 R6.5 RC /A901 FRA	
	NOEUD_AXS_210	A5000 R6.4 /AA00 FRA	
	Launch action	Close	

IMPORTANT: after the **Rollback** action, the site must be imported.



To cancel Update button:

This button is used to cancel a programmed deferred update. The update is cancelled, no matter the type of update (old method or by repository). If no update has been programmed on the system, this is indicated by the report of the action in the operations log. This action can be performed on several sites by selecting them from the proposed list.

- Click the **To cancel Update** button:
- Select the site(s) concerned.
- Click Launch action.



Additional actions on ergonomics

Depending on the progress, the colour of the **Transfer prog./ Transfer/Prog. Switching/Switching** fields change.

The **Update status** button is used to refresh the table indicating the sites and their status:

			Status
•	Action successfully completed	Q.	ок
•	Actions in progress:	.	Status En cours
•	The action has failed.	*	Status Erreur

In case of failure, solve the problem (Network connection, licenses, etc.) and restart the action.

5.3.3.4 Upgrading operating system (security) patches

As of R6.5, the version of the security patches can be viewed in the main screen of MiVoice Manager:

Product release	Manager - R35 RC A0701		
Version patch os	SECURITYPATCH R7 X 05	Unlocked functions	
Total number of sites	4	2000 sites managed 150000 subscribers managed	*
Total number of regions	s 1	External directory synchronisation of 150000 records	-
Number of Operators	6	Supervision	-
Declared subscribers	19	Todberviewi	

2

Note: On the iPBX AMP, the patch version can also be viewed in Menu Telephony Service>System>Info> Software Id.

From MiVoice 5000 Manager, Menu Immediate actions>Upgrade,

Note: Refer to Section 5.3.3.1 for the presentation of this main screen.

 Select the cluster server or the site on which the CentOS security patch must be upgraded on the multi-site network.

anster					witching				Site(a) atatus
) Immed	iate	2/14/2019 2	-52 PM				14./2010 4-12 DM		Sile(s) status
) Delaye	d	0/14/2010 3	.33 PM				14/2010 4.12 FM		
<u>Aaximum</u>	transfer tim	e (in hours)	1						
Tra	nsfer prog.	Transfer	Switching p	rog.	Switching		Update statu	e	
	5	Site	Transfer prog.		Transfer	Switching	prog. Sv	vitching	
	Name	Version :	Status		Status	Sta	atus	Status	
	CLUSTE				5				
		Node			Transfer prog.	Transfer	Switching pr	Switching	
V		Name	Version :		Status	Status	Status	Status	
- 7	NOEUI	052		1					
- 7] NOEUI	D51							
	NOEUI	D52 D51							

Step 1

The first step concerns the procedure for transferring the security patch from the upgrade server (Repository).

- In the **Update type** field, select **Security** (this corresponds to downloading the security patch component of CentOS or MiVoice 5000 gateway operating system).
- In the **Version** field, select the version of the security patch component of the operating system to be downloaded on the site(s) concerned.
- Note: All the security patches installed on the upgrade server are displayed. Only the most recent one can be selected.
 - In the **Transfer** section, indicate whether the download is immediate or delayed. Also indicate the maximum transfer time.
 - Tick the box or boxes of sites to be upgraded.



1

- Note: Only MiVoice 5000 Server or Compact sites/nodes are available in the list (CentOS).
 - Note: If the duration of downloading exceeds the number of hours defined, the downloading process is abandoned.



1

- Note: In deferred mode, the programming of switchover takes account of the maximum duration of transfer.
 - Click Start action.

Final status (Example)

date type :	Security	•	Version :		SECUP	RITYPATCH R7.X //	4400 👻	Update server
ansfer			Switching					
Immediate								Site(s) status
Delayed	3/14/2018 4:31	PM 👻				3/14/2018 4:31 PM	-	
Maximum transfer time (in hours)	1						
Transfer prog.	Transfer	Switching prog.	Swit	ching		Update statu	s	
Site	e (Transfer prog.	1	Transfer	s	witching prog.	Switching	
I Name	Version :	Statu	is 🛛	Status		Status	Statu	s
CLUSTE						1	<u>k</u>	
	Node		Transfer p	orog. Tra	ansfer	Switching pr	Switching	
	Name	Version :	Sta	tus	Status	Status	Status	
NOEUD5	2			1.1				
NOEUD5	1							

Step 2

The second step concerns switchover:

- In the Transfer section, indicate whether the transfer to the site(s) in question is Immediate or Delayed.
- 2. Start the transfer (immediate or delayed) by clicking Launch action.
- 3. The display shows the progress of the transfer to the iPBX. If the status is NOK, restart the action with the same **Launch action** button.

To cancel Update button:

This button is used to cancel a programmed deferred update. The update is cancelled, no matter the type of update. If no update has been programmed on the system, this is indicated by the report of the action in the operations log. This action can be performed on several sites by selecting them from the proposed list.

- Click the **To cancel Update** button:
- Select the site(s) concerned.
- Click Launch action.
- The **Update status** button is used to refresh the status in order to know the progress and restart the transfer procedure.

Final status

Example

Jpdate type :	Security	•	Version :	SECUR	ITYPATCH R7.X /A	400 🔻	Update server
Transfer			Switching				
Immediate							Site(s) status
O Delayed	3/14/2018 4:31	PM 💌		3	/14/2018 4:31 PM		
Maximum transfer time	(in hours)	1					
Transfer prog.	Transfer	Switching prog.	Switching		Update statu	•	
Si	te	Transfer prog.	Transfe	- Su	vitching prog.	Switching	
I Name	Version :	Status	s Stat	15	Status	Status	
CLUSTE							
	Node		Transfer prog.	Transfer	Switching pr	Switching	
	Name	Version :	Status	Status	Status	Status	
NOEUD	52						
NOEUD	51						

The Rollback and Validation of release buttons do not concern the security patch update and therefore have no action in this context.

Note: In the final status and after checking that the patches have been correctly updated, it is advisable to click "Cancel update".

A system with redundant Cluster

- Update patches on the **Master** Cluster machine.
- Wait for the end of the **Master** machine update as indicated above.
- On this same screen, click **To cancel Update**.
- Switch over to the **Slave** Cluster machine.
- Update the patches on the **Slave** Cluster machine following the same procedure as for the **Master** Cluster machine.

-0

6 MANAGEMENT OF TERMINAL SOFTWARE BY TMA ON MIVOICE 5000 MANAGER

For this procedure, also refer to the document AMT/PTD/TR/0014 - TERMINAL INSTALLATION MANUAL - FULL VERSION.

6.1 PREREQUISITES

The packages must have been made available on the upgrade server.

6.2 MODEL MANAGEMENT

Model management is available in Menu Telephony>Terminal management.

This list of managed models is taken into account in the software update and provisioning actions (TMA EP):

- sending only files related to managed models to FTP servers.
- For software update, only the update is sent to the PBX for the managed models.

Models must be managed on a site-by-site basis.

- Select the site concerned.
- Tick the terminal models to be managed for this site.

Note: By default, all these boxes are ticked.

When the administrator disables the management of a component (6xxxi, 53xxip or 53xx), TMA deletes the corresponding software in the TMA folder. This deletion concerns all locally stored terminal packages and embedded FTP servers (production and deployment) managed by TMA.

• Click Validate.

1

Home Page	Model management	
Application configuration	Site	CLUSTER_VALD V
Model management	Model	Managed
Servers configuration	53xx	2
Inventory	53xxip	×
Terminals	6710i	•
configuration export	6730i	2
Software management	6731i	۲
Provisioning	6735i	۲
Actions follow-up	6737i	
	6739i	•
Events log	6751i	2
iPBX configuration	6753i	2
	6755i	
	6757i	
	6863i	
	6865i	×.
	6867i	×.
	6869i	×

A message then indicates that the modification of the list of models managed by this site has been updated.

• Click Return.

Follow the same procedure for the other sites.

6.3 UPDATING THE TERMINAL SOFTWARE RELEASE

Menu Telephony>Terminal Management>Software Management

• Select the range and possibly the model.

Software management									
Range	бхххі	\checkmark							
Production software	release	R6.5_67xxi_A5	_00 Details						
Test software release		None							
Modify									
* Action name			G	•					
Action hame									
1 0 0									
* Software release	R6.5_6/xxi_A5_0								
Undete trans		0.5.1	//						
Opdate type	Immediate	O Delayed							
Validate									

• Click Change.

Software management

Region	IDF								
Multisite	VALD								
Range	бхххі								
Model	all models								
Production software release	2								
Test software release									
Add software releases									
Add versions (packages low	er than R6.5)		10						
Delete a software release									
Configure the production software release									
Configure the test software	release								
Filter details: Q 3 terminals with :									
 0 / 3 in production so 0 / 3 in test software r 3 / 3 in an other softw 	ftware release Q release Q vare release Q								
Phone number Logged Labe	el Periodical logout	Site	Model Software	P IP address	MAC Address	Line	Global S data	Specific Site data number	Node
50300 💙		CLUSTER_VALD	6865i <u>5.0.0.101</u>	B 10.148.70.237	00-08-5D-42-AF-0F	1		5	
50301 💙		CLUSTER_VALD	6867i <u>5.0.0.101</u>	B 10.148.70.236	00-08-5D-43-31-20	1		5	
50302 💙		CLUSTER_VALD	6731i 3.3.1.436	5 10.148.70.235	00-08-5D-11-A0-84	1	05	5	
<pre>1/1 > Back</pre>									

- Click Add versions.
- Select the version in question from the options Versions available on the server.

	R6.4_67xxi_AF_0
	R6.1_67xxi_AA_0
	R5.4_67xxi_D9_0
	R5.4_67xxi_D6_0
/ersions available o 57xxi R6.5 /A500 ▼	on the server
Model	Version
6710i	3.2.2.52
6730i	3.3.1.4365
6731i	3.3.1.4365
6735i	3.3.1.8230
6737i	3.3.1.8230
6739i	3.3.1.4365
6751i	2.6.0.1007
6753i	3.3.1.4365
6755i	3.3.1.4365
6757i	3.3.1.4365
67xxi	
6863i	5.0.0.1018
6865i	5.0.0.1018
6867i	5.0.0.1018
6869i	5.0.0.1018
6873i	5.0.0.1018
6920	5.0.0.1018
6930	5.0.0.1018
0950	

• Check the boxes for the terminal model to be updated.

• Click Download.

Downloading starts.

Then close the window; the download result is displayed:

Software managemen	t							
Region	IDF							
Multisite	VALD							
Range	бхххі							
Model	all models							
Production software release								
Test software release								
Add software releases								
Add versions (packages low	er than R6.5)							
Delete a software release								
Configure the production so	oftware release							
Configure the test software	release							
Filter details: Q 3 terminals with :								
 0 / 3 in production so 0 / 3 in test software i 3 / 3 in an other softw 	ftware release Q release Q vare release Q							
Phone number Logged Labe	el Periodical logout	Site Mo	del Software release	IP address	MAC Address	Line	Global Specific data data	: Site number
50300 💙		CLUSTER_VALD 68	55i 5.0.0.1018	10.148.70.237	00-08-5D-42-AF-0F	1		5
50301 💙		CLUSTER_VALD 68	57i 5.0.0.1018	10.148.70.236	00-08-5D-43-31-20	1		5
50302 💙		CLUSTER_VALD 67	31i 3.3.1.4365	10.148.70.235	00-08-5D-11-A0-84	1	05	5
<pre>< 1/1 > Back</pre>								

For the rest of the procedure, configuration of the software version (production and test), refer to the document AMT/PTD/TR/0014 - TERMINAL INSTALLATION MANUAL - FULL VERSION or as of R7.0, to the document AMT/PTD/TR/0043 -. Installing and Managing Terminals Mitel 6700, 6800 SIP Phones and MiVoice 6900 IP Phones.

6.4 DELETING A TERMINAL SOFTWARE RELEASE FROM THE IPBXS

Menu Telephony>Terminal management>Model management

- Select the site concerned.
- Untick the boxes corresponding to the deletion.

Model management	
Site	CLUSTER_VALD ¥
Model	Managed
53xx	×
53xxip	
6710i	2
6730i	
6731i	
6735i	
6737i	
6739i	
6751i	
6753i	
6755i	2
6757i	
6863i	
6865i	
6867i	
6869i	
6873i	
6920	8
6930	8
6940	8
Validate Cancel	

• Click Validate.



The terminal software is immediately removed after validation.

NOTE:

7 MANAGEMENT OF TERMINAL SOFTWARE BY THE TMA EMBEDDED ON IPBX

If the embedded TMA is activated on a Cluster Server, nodes, Mitel 5000 Gateways, MiVoice 5000 Server or MiVoice 5000 compact, different methods can be used to install a new TMA package containing all the terminal software.

7.1 STANDARD UPGRADE OF A SYSTEM AND ITS ASSOCIATED TMA PACKAGE

During a standard upgrade of the software release of a Cluster, MiVoice 5000 Server, Mitel 5000 gateways or MiVoice 5000 compact system, all the terminal software included in the iPBX upgrade package are installed on the iPBX in a new TMA package.

Note: The old TMA packages available in the iPBX are kept.

7.2 INSTALLING A NEW TMA PACKAGE MANUALLY

When a new TMA package is manually installed via the Web Admin terminal service, the terminal software are installed as follows:

- The software with the status *installed* or *to be installed* on the iPBX's list of terminal software components (Menu Terminal service > Model management) are installed on the iPBX, in a new TMA package.
- All the terminal software with the status *not installed* are not installed on the iPBX in the new TMA package.
- The old TMA packages available in the iPBX are kept.

7.3 UPGRADING TERMINAL SOFTWARE DURING AN APPLICATION VERSION UPDATE VIA THE REPOSITORY SERVER

A new TMA package n is created when the application version of the Cluster Server, Nodes, Mitel 5000 Gateways, MiVoice 5000 Server and MiVoice 5000 compact systems are updated by directory.

- The new TMA package **n** is created as follows:
 - The terminal software available in the new application version, with the status *installed* or *to be installed* and a version above those available in the iPBX, are copied to the new TMA package **n**.
 - The terminal software available in the previous TMA package n-1, with the same release as those available in the new application version, are copied to the new TMA package n.
 - The previous TMA package **n-1** is then deleted.

When new terminal software is updated in the iPBX without updating the iPBX application version, this new terminal software package is copied to the current TMA package.

When terminal software is deleted from the list of terminal software components available in the iPBX (Menu **Terminal service** > **Software management**), this terminal software is deleted from the current TMA package.

1

Software manage	ment		
Range	бхххі	~	
Production software	release	R6.5_67xxi_A5	_00 Details
Test software release	e	None	
Modify			
* Action name			
Action name			
*C ()			
* Software release	R6.5_6/xxi_A5_0		
Undata tuna			/ 🙆
opuale type	 Immediate 	○ Delayed	
Validate			

• Click Change.

Software managemen	t								
Region	IDF								
Multisite	VALD								
Range	бхххі								
Model	all models								
Production software release	2								
Test software release									
Add software releases									
Add versions (packages low	er than R6.5)			105					
Delete a software release									
Configure the production so	oftware release								
Configure the test software	release								
Filter details: Q 3 terminals with :									
 0 / 3 in production so 0 / 3 in test software r 3 / 3 in an other softw 	ftware release Q release Q rare release Q								
Phone number Logged Labe	el Periodical logout	Site	Model	Software release	address	MAC Address	Line	Global Specifi data data	c Site number ^{Node}
50300 🛩		CLUSTER_VALD	6865i	5.0.0.1018 10.1	48.70.237	00-08-5D-42-AF-0F	1		5
50301 💙		CLUSTER_VALD	6867i	5.0.0.1018 10.1	48.70.236	00-08-5D-43-31-20	1		5
50302 💙		CLUSTER_VALD	673 1 i	3.3.1.4365 10.1	48.70.235	00-08-5D-11-A0-84	1	05	5
<pre>1/1 > Back</pre>									

• Click Add versions.

Versions logicielles disponibles

	R6.5_67xxi_A2_00
Versions disponible	es sur le serveur
67xxi R6.5 /A200	

• Select the version in question from the options Versions available on the server.

Available software releases

R6.5_67xxi_A5_00

1	Versions available on the	server
	67xxi R6.5 /A500	\checkmark

Model	Version	Update
6710i	3.2.2.52	\checkmark
6730i	3.3.1.4365	\checkmark
6731i	3.3.1.4365	\checkmark
6735i	3.3.1.8230	\checkmark
6737i	3.3.1.8230	\checkmark
6739i	3.3.1.4365	\checkmark
6751i	2.6.0.1007	\checkmark
6753i	3.3.1.4365	\checkmark
6755i	3.3.1.4365	\checkmark
6757i	3.3.1.4365	\checkmark
67xxi		\checkmark
6863i	5.0.0.1018	\checkmark
6865i	5.0.0.1018	\checkmark
6867i	5.0.0.1018	\checkmark
6869i	5.0.0.1018	\checkmark
6873i	5.0.0.1018	\checkmark
6920	5.0.0.1018	\checkmark
6930	5.0.0.1018	\checkmark
6940	5.0.0.1018	\checkmark

Download

• Click Download.

Downloading starts.

NOTE:

NOTE:

7.4 DELETING A TERMINAL SOFTWARE RELEASE FROM THE IPBXS FROM WEB ADMIN

From Web Admin, Menu Terminal service > Model management

This action is used to:

- Locally uninstall from the system all unused terminal software in order to gain some disk space on the system
- Keep in the system deployment area only the terminal software required to deploy the Mitel 6000 SIP Phones available at the end-customer's,
- Keep the Mitel OMM software of the DECT base stations in the system's TFTP area.



In this architecture, the terminal software releases are updated from the terminal software packages installed via the TMA integrated into MiVoice 5000 Manager.

• Untick the terminal software releases to be deleted then click Validation.



The terminal software is immediately removed after validation.

8 MANAGING THE MITEL OMM-SIP SOFTWARE

The management of the OMM-SIP software depends on whether or not it is taken into account on the list of terminal components available in the iPBX (Menu **Telephony service > Subscribers > Terminals and applications > Software**).

8.1 THE MITEL OMM-SIP SOFTWARE MANAGED ON THE LIST OF SOFTWARE COMPONENTS

Note: As of R6.3, in OMM R6.1 the software is included in the software associated with the new terminals.

The Mitel OMM-SIP software is managed as follows:

- During a first installation in release ≥ R6.5, the OMM-SIP software (5.x) is installed by default on the iPBX and managed on the list of terminal software components available in the iPBX (box ticked).
- Once the Mitel OMM-SIP software is managed on the list of components (box ticked):
 - The *Version* field may display the current Mitel OMM-SIP software release or the information **TO BE INSTALLED** (new Mitel OMM-SIP release to be installed).
 - The Mitel OMM-IP software is no longer managed manually in Menu Telephony service > System > Software maintenance > TFTP > Loading of files. The DECT-IP input is not proposed in the options.

TFTP: loading of files			000
Telephony service>System>Software maintenance>TFTP:			
File type		SIP DECT RFP 32-34-42	
File iprfp2	G.tftp	SIP DECT RFP 32-34-42	
	,	SIP DECT RFP 35-36-37-43 IMA CONFIGURATION	
New file	Choisissez u	6XX TERMINAL 312I WIFI TERMINAL	Download

Note: The only exception to this rule: after a first installation in R6.3, the Mitel OMM-IP software may be managed manually via this menu.

 The Mitel OMM-SIP software may also be managed manually in Menu Telephony service > System > Software maintenance > TFTP > Loading of files. All the Mitel OMM-SIP components (DECT SIP RFP software, IMA configuration, terminal A6xx software) may be manually installed on the iPBX via this MMI. After any of these components is manually installed, the TFTP label appears in the Version field.

Name	Version	Status
53xxip	TO INSTALL	
53xx	2.60.3.3	
6710i		
6730i		
6731i	3.3.1.4305	1
6735i	3.3.1.8140	
6737i	3.3.1.8140	1
6739i	3.3.1.4305	1
6751i	2.6.0.1007	1
6753i	3.3.1.4305	
6755i	3.3.1.4305	1
6757i	3.3.1.4305	
6863i	4.0.0.2027	1
6865i	4.0.0.2027	
6867i	4.0.0.2027	1
6869i	4.0.0.2027	
omm_sip	5.0.SP2	1

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- The Mitel OMM-SIP software can be updated through standard update or update by repository, even if this software had been previously installed manually (TFTP label appears in the Version field and Status field is ticked).
- After the iPBX application version is updated through standard update or update by repository, the Version label displays the installed new Mitel OMM-SIP software release again.
- After the Mitel OMM-SIP software is deleted from the list of terminal software components available in the iPBX, (box unticked then validation), the DECT SIP RFP software and terminal A6xx software are deleted from the iPBX.

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Note: The Mitel OMM-SIP software can still be managed manually in Menu Telephony service > System > Software maintenance > TFTP > Loading of files.

8.2 MITEL OMM-SIP SOFTWARE NOT MANAGED ON THE LIST OF SOFTWARE COMPONENTS

Once the Mitel OMM-SIP software is no longer managed on the list of components (box unticked), the Mitel OMM-SIP software management procedure is as follows:

- The Mitel OMM-SIP software must be managed manually via Menu Telephony service > System > Software maintenance > TFTP > Loading of files. All the Mitel OMM-SIP components (DECT SIP RFP software, IMA configuration, terminal A6xx software) may be manually installed on the iPBX via this MMI.
- Mitel OMM-SIP software not available on the TFTP server
 - The Mitel OMM-SIP software is not updated after the iPBX application version is updated via update by repository.
 - The Mitel OMM-SIP software is updated after the iPBX application version is updated via standard update.
- Mitel OMM-SIP software available on the TFTP server
 - The Mitel OMM-SIP software is not updated after the iPBX application version is updated via standard update or update by repository.

9 REDUNDANT SYSTEMS

9.1 UPGRADING THE APPLICATION

With or without MiVoice 5000 Manager, the (APPLICATION) software release must be upgraded on the master machine. Refer to Section 4 or 5 as appropriate.

For a redundant system without MiVoice 5000 Manager, also refer to document AMT/PTD/PBX/0083.

9.2 UPGRADING OS PATCHES

Without MiVoice 5000 Manager

When a MiVoice 5000 server is redundant, the operating system (SECURITY) patches must be updated twice (on each server).

To identify operating system patch versions on the secondary server, the administrator must switch to that secondary server to access this information.

See also document AMT/PTD/PBX/0083.

With MiVoice 5000 Manager

The software release (APPLICATION) must be upgraded on the master machine. See Section 5.

A redundant system

- Update patches on the **Master** machine.
- Wait for the end of the **Master** machine update as indicated in Section 5.3.3.4 Upgrading operating system (security) patches.
- In the final screen for tracking the upgrade, click **Cancel Update**.
- Switch over to the **Slave** Cluster machine.
- Update the patches on the **Slave** Cluster machine following the same procedure as for the **Master** machine.



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