

IP-DECT SYSTEM AND WIFI SYSTEM WIRELESS HANDSET ADVANCED CAPABILITY LICENSING GUIDE

MIVOICE BUSINESS, MX-ONE, MIVOICE 5000 AND MIVOICE OFFICE 250
COMMUNICATIONS PLATFORMS



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IP-DECT System and WIFI System Wireless Handset Advanced Capability Licensing Guide MiVoice
Business, MX-ONE, MiVoice 5000 and MiVoice Office 250 Communications
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Introduction

This document gives a brief overview of Advanced Capabilities Licensing available for the Mitel 5604, 5607, 5614 DECT and 5634, 5624 (WiFi) Wireless handsets, and provides detailed instructions on how to upgrade the handsets. The WSM3 and the CPDM3 also use the same licensing tool and are also mentioned in the document.

These additional licenses upgrade the basic communications functionality of the wireless handset, and include features such as personal security, advanced messaging capability, advanced location finding, and other facilitating features.

The system administrator can add these license(s) using one of the license upgrading alternatives described in chapter [License Upgrading Methods](#) on page 11.

Glossary and Abbreviations

Functionality license	A license that is required for upgrading a product with additional functions.
License information file	A file that is generated by the License Server and contains license key(s) for the product(s).
Serial Information File	A file that is exported from WSM/PDM and contains serial number(s) of the product(s).
Product license	A license including the basic functionality for a product.
Product	Handset
PDM	Portable Device Manager An application, running on a PC, for management of handset devices, charging racks, etc.
OTA	Over the Air
WSM/CPDM	Wireless Services and Message Gateway/ Central Portable Device Manager An application suite running on an ELISE server. It enables wireless services to and from handset devices and chargers.

Messaging and Services Capabilities Matrix

The Messaging and Services capabilities vary by handset type and are delivered in conjunction with the WSM/CPDM. The table below contains the specific capabilities supported by the different handset types and the WSM/CPDM supported.

Function	Wireless Handset/License	WSM/CPDM Licenses
Phone Book Access		
Central Phone book (MiVoice Business CSV import) (reconfigured MiVoice Office 250 CSV import)	<ul style="list-style-type: none"> - 5602 - 5603 - 5604 - 5606/5606A/5606S - 5607 - 5613 - 5614 - 5634 (WiFi) - 5624 (WiFi) 	Base Station software supports directly (WSM/CPDM Base for Wi-Fi or if capability required)
Corporate Directory (LDAP look-up)	<ul style="list-style-type: none"> - 5602 - 5603 - 5604 - 5606/5606A/5606S - 5607 - 5613 - 5614 - 5634 (WiFi) - 5624 (WiFi) 	WSM/CPDM Base + Std license
Hot Desk (MiVoice Business)		
Hot Desk User	<ul style="list-style-type: none"> - 5604 - 5607 - 5614 	PDM + WSM-3 Base
Messaging		
Send/Receive	<ul style="list-style-type: none"> - 5602 - 5604 - 5606/5606A/5606S - 5607 - 5614 - 5634 (WiFi) + Services license - 5624 (WiFi) + Services license 	WSM/CPDM Base
Web Messaging Tool	<ul style="list-style-type: none"> - 5602 - 5604 - 5606/5606A/5606S - 5607 - 5614 - 5634 (WiFi) + Services license 	WSM/CPDM Base

Function	Wireless Handset/License	WSM/CPDM Licenses
	- 5624 (WiFi) + Services license	
Advanced Web Messaging Tool	- 5604 - 5606/5606A/5606S - 5607 - 5614 - 5634 (WiFi) + Services license - 5624 (WiFi) + Services license	WSM/CPDM Base + Std license
Acknowledgment	- 5604 - 5606/5606A/5606S - 5607 - 5614 - 5634 (WiFi) + Services license - 5624 (WiFi) + Services license	WSM/CPDM Base + Std license
Groups	- 5604 - 5606/5606A/5606S - 5607 - 5614 - 5634 (WiFi) + Services license - 5624 (WiFi) + Services license	WSM/CPDM Base + Std license
3rd Party Apps	- 5604 - 5606/5606A/5606S - 5607 - 5614 - 5634 (WiFi) + Services license - 5624 (WiFi) + Services license	WSM/CPDM Base + Std & OAP licenses
Advanced Interactive	- 5604 + Services license - 5606S - 5607 + Services license - 5614 - 5634 (WiFi) + Services license - 5624 (WiFi) + Services license	WSM/CPDM Base + Std & OAP licenses
Call Set-up (system/app initiated call)	- 5604 + Services license - 5606S - 5607 + Services license - 5614 - 5634 (WiFi) + Services license - 5624 (WiFi) + Services license	WSM/CPDM Base + Std & OAP licenses
Push-to-Talk (Group Call)		
Handset Initiated	- 5604 - 5606S - 5607 - 5614 - 5634 (WiFi)	WSM/CPDM Base + Std license (requires conference server, for example, Mitel Audio & Web Conferencing (AWC))

Function	Wireless Handset/License	WSM/CPDM Licenses
	- 5624 (WiFi)	
System/Application Initiated	- 5604 + Services license - 5606S - 5607 + Services license - 5614 - 5634 (WiFi) + Services license - 5624 (WiFi) + Services license	WSM/CPDM Base + Std & OAP licenses (requires conference server, for example, Mitel Audio & Web Conferencing (AWC))
Alarming		
Personal	- 5604 + Personal Alarm license - 5606A/5606S - 5607 + Alarm license - 5614 + Personal Alarm license - 5634 (WiFi) + Services license + Personal Alarm license - 5624 (WiFi) + Services license + Personal Alarm license	WSM/CPDM Base + Std license
Man-down & No-motion	- 5606A/5606S - 5607 + Alarm license - 5624 + Services + Personal Alarm + Man-down/No motion Alarm licenses	WSM-3 Base + Std license
Pull Cord	- 5607 + Alarm license	WSM-3 Base + Std license
Location		
Base station location	- 5604 + Services license - 5606S - 5607 + Services license - 5614	WSM/CPDM Base + Std license
DECT location	- 5604 + Location license - 5606S - 5607 + Location license	WSM-3 Base + Std & OAP licenses (requires Ascom DECT Beacons)
Polling	- 5604 + Service or Location license - 5606S - 5607 + Service or Location license - 5614	WSM-3 Base + Std & OAP licenses
Shared Phone		
Log-In/Out GUI	- 5604 - 5607 - 5614 - 5634 (WiFi)	WSM-3 Base (100 devices/250 users) + Std license (2,500 devices/6,000 users)

Function	Wireless Handset/License	WSM/CPDM Licenses
	- 5624 (WiFi) + Shared Phone License	
Call/Message History wipe	- 5604 - 5607 - 5614 - 5634 (WiFi) - 5624 (WiFi) + Shared Phone license	WSM-3 Base (100 devices/250 users) + Std license (2,500 devices/6,000 users)
Contacts/Conf transfer	- 5634 (WiFi) - 5624 (WiFi) + Shared Phone license	WSM-3 Base (100 devices/250 users) + Std license (2,500 devices/6,000)
Device Management		
OTA Program & Upgrade	- 5603 - 5604 - 5607 - 5613 - 5614 - 5634 (WiFi) - 5624 (WiFi)	WSM Base (100 devices) + Std license (2,500 devices) or CPDM
OTA Base station Upgrade		WSM/CPDM Base
WSM Redundancy		
WSM-3 functionality		WSM-3 Base
Standard and OAP functionality		WSM-3 Base + WSM-3 Standard/OAP Redundancy License

Mitel 5604 Wireless Handset - Advanced Capabilities Licenses

Optional licenses are available to extend the capabilities of the 5604 Wireless Handsets; these licenses, once activated, support the following:

- Personal Alarm license

This enables the 5604 Wireless Phone user to send an alarm over the air to the WSM, which in concert with an application can trigger other events or actions. This is important in personal security use cases. The multi-function button on the 5604 Wireless Handset becomes an 'alarm' button when this license is activated.

- Services license

This enables the 5604 Wireless Phone user to interact with applications in a very sophisticated manner. With this license activated, an application can take control of the 5604 Wireless handsets display, including the softkeys, such that specific options and actions are presented in conjunction with other information: the user effectively interacting with the application. These capabilities are critical for 'work flow' and 'process-control' type integrations.

This license, in conjunction with a specialized application module, also enables a 'call setup' function whereby an application can trigger a handset to go off-hook into Push-to-Talk speaker mode, or alternately present a softkey that has an embedded phone number. Important for communication escalation scenarios.

In addition, this license enables the 5604 Wireless handset to be utilized with a 'location-based' application, whereby when a user presses the Alarm button (5604 Wireless Phone Personal Alarm license required); the user's location relative to the IP-DECT base stations is communicated to the application.

- Location license

This license, in conjunction with the deployment of specialized DECT Beacons, enables the more precise location of a user when an alarm is activated. This is critical in high risk environments such as security institutions.

Mitel 5607 Wireless Handset - Advanced Capabilities Licenses

Optional licenses are available to extend the capabilities of the 5607 Wireless Handset; these licenses, once activated, support the following licenses:

- Alarm license

This enables the 5607 Wireless Phone user to send an alarm over the air to the WSM, which in concert with an application can trigger other events or actions.

Personal Alarm: This is important in personal security use cases. The multi-function button on the 5607 Wireless Handset becomes an 'alarm' button when this license is activated.

Pull-Cord Alarm: This is important in higher risk personal security use cases. In conjunction with the Pull-Cord accessory, an 'alarm' is sent if the 5607 handset is forcibly removed from the user.

Man-Down/No-Movement Alarm: This is important in critical risk personal security or environmental use cases. For example, if a user suffers an injury or is overcome by chemical vapors and has fallen onto the floor or becomes stationary for a prescribed period of time, an 'alarm' is sent.

- Services license

This enables the 5607 Wireless Phone user to interact with applications in a very sophisticated manner. With this license activated, an application can take control of the 5607 Wireless Handset's display, including the softkeys, such that specific options and actions are presented in conjunction with other information; the user is effectively interacting with the application. These capabilities are critical for work flow and process-control type integrations.

This license, in conjunction with a specialized application module, also enables a call setup function whereby an application can trigger a handset to go off-hook into Push-to-Talk speaker mode, or alternately present a softkey that has an embedded phone number. This is important for communication escalation scenarios.

In addition, this license enables the 5607 Wireless Handset to be utilized with a location-based application, whereby when a user 'alarm' is triggered (5607 Wireless Handset Alarm license required), the user's location relative to the IP-DECT base stations is communicated to the application.

- Location license

This license, in conjunction with the deployment of specialized DECT Beacons, enables the more precise location of a user when an alarm is activated. This is critical in high-risk environments such as security institutions.

Mitel 5614 Wireless Handset - Advanced Capabilities Licenses

Optional licenses are available to extend the capabilities of the 5614 Wireless Handsets; these licenses, once activated, support the following:

- Personal Alarm license

This enables the 5614 Wireless Phone user to send an alarm over the air to the WSM/CPDM, which in concert with an application can trigger other events or actions. This is important in personal security use cases. The multi-function button on the 5614 Wireless Handset becomes an 'alarm' button when this license is activated.

Mitel 5634 (WiFi) Wireless Handset - Advanced Capabilities Licenses

The Mitel 5634 WiFi handset offers first class telephony, centralized management, and access point location, as well as shared phone capabilities that can be upgraded to any of the following licenses:

Note: The 5634 WiFi handset does not support advanced capacities without the activation of an optional license.

Mitel 5634 Shared Phone function

This is now included as a default function in the phone. In many environments, the 5634 WiFi handset is often seen as a shared resource within an organization or a department. The Shared Phone function enables the 5634 WiFi handset to adopt different user profiles, including speed dials and personal address books by allowing users to log themselves in and out of the device, without changing the extension number of the devices. When users log into a 5634 WiFi handset, their personal profiles are automatically downloaded to the 5634 WiFi handset and when they log out, the phone adopts a default profile until the next user logs in.

Mitel 5634 Services License

This enables the 5634 WiFi Phone user to interact with applications in a sophisticated manner. With this license activated, the 5634 WiFi handset becomes a professional work tool offering advanced messaging, message prioritization, color-coded messaging, push-to-talk and access point location. Additionally, the 5634 WiFi handset can interact with applications that can control the 5634 WiFi handset's display. These capabilities are critical for workflow and process-control type integrations.

Mitel 5634 Personal Alarm Upgrade License

With this upgrade license, the 5634 WiFi handset's multi-function button becomes an 'alarm' button. In addition, this license activates other alarm capabilities such as push-button and listen-in alarms. The 5634 WiFi handset also enables a user to send an alarm over the air to the WSM/CPDM, which in conjunction with an external application, can trigger other events or actions. Such features are a critical requirement in personal security use cases.

Note: Man-down and No-movement alarms are not supported in the Mitel 5634 WiFi handset.

Mitel 5624 (WiFi) Wireless Handset - Advanced Capabilities Licenses

The Mitel 5624 WiFi handset is a handset offering first class telephony, centralized management, and access point location, as well as shared phone capabilities that can be upgraded to any of the following licenses:

Note: The 5624 WiFi handset does not support messaging or any shared phone capacity without the activation of an optional license.

Mitel 5624 Services License

This enables the 5624 WiFi Phone user to interact with applications in a very sophisticated manner. With this license activated, the 5624 WiFi handset becomes a professional work tool offering advanced messaging, message prioritization, color-coded messaging, push-to-talk, and access point location. In addition, the 5624 WiFi handset can interact with applications that can take control of the 5624 WiFi Handset's display. These capabilities are critical for workflow and process-control type integrations.

Mitel 5624 Personal Alarm Upgrade License

With this upgrade license, the 5624 WiFi handset's multi-function button becomes an 'alarm' button. In addition, this license activates other alarm capabilities such as push-button and listen-in alarms. The 5624 WiFi Handset can also enable a user to send an alarm over the air to the WSM, which in conjunction with an external application, can trigger other events or actions. Such features are a critical requirement in personal security use cases.

Mitel 5624 Man-Down/No-Movement License

With this upgrade license, the 5624 WiFi handset V2 extends the alarming capabilities described above by activating the built-in Man-Down/No-Movement trigger in the 5624 V2 hardware. The Service and Personal Alarm Upgrade Licenses are prerequisites.

Note: The Mitel 5624 Man-Down/No-Movement Alarm Upgrade license can ONLY be applied to the 5624 v2 hardware.

Mitel 5624 WiFi Location License

The WiFi Location license enhances the Alarm-based and location services of the 5624 WiFi handset by enabling the 5624 WiFi handset to communicate with an Ekahau RTLS positioning engine to improve the accuracy of WiFi location. The solution involves the Ekahau Positioning Engine that uses the WLAN network topology to calculate the location of mobile devices. At a configurable interval, the 5624 WiFi handset scans the environment for access points. All the access points identities are recorded, their radio field strength is measured (RSSI) and then reported to the positioning engine according to the Ekahau location protocol.

Mitel 5624 Shared Phone License

In many environments, the 5624 WiFi handset is often seen as a shared resource within an organization or even a department. Shared phone enables the 5624 WiFi handset to adopt different user profiles, including speed dials and personal address books by allowing users to log themselves in and out of the device, without changing the devices extension number. When a user logs into a 5624 WiFi handset, their personal profile can be downloaded to the 5624 WiFi handset, and when they log out the phone will adopt a default profile until the next user logs in.

License Upgrading Methods

You can upgrade a Mitel 5604, 5607, 5614, 5634 or 5624 (WiFi) Wireless handset's product license or add additional functionality licenses using one of the following methods:

- Automatic license upgrade - Use this alternative if the WSM/PDM has a connection to Internet. See [Automatic License Upgrade](#) on page 12.
- License Upgrade using export/import - Use this alternative if the WSM/PDM does not have a connection to Internet. See [License Upgrade Using Export/Import](#) on page 15.
- Manual Upgrade - Use this alternative if the WSM/PDM is not used. See [Manual Upgrade](#) on page 18.
- Move licenses between handsets. See [Move Licenses](#) on page 21.

Activation Keys and the License Web

The activation key determines the license that can be applied to the Mitel 5604, 5607, 5614, 5634 or 5624 handset, where each activation key can be used for upgrading a predefined number of handsets.

You must have an activation key to upgrade the 5604, 5607, 5614, 5634 or 5624 handset. The activation key is provided by your supplier.

You can then activate the Mitel 5604, 5607, 5614, 5634 or 5624 Advanced Capabilities Licenses using the Licensing Server. The Licensing Server is accessed through the following link: <https://www.ascom-ws.com/mitellicenses/>

See [Using the License Web](#) on page 22 for details on using the Licensing Web.

Determining the Enabled Licenses on the 5604, 5607, 5614, 5634 or 5624 Handset

A user can see which licenses have been enabled on the 5604, 5607, 5614, 5634 or 5624 handset.

1. Enter `*#34#` in the idle menu to display the Device Info screen.
2. Select the License option.

The activated licenses will be displayed. Additionally, if the Personal Alarm license is enabled, an "A" will be indicated on the idle display.

Automatic License Upgrade

Prerequisites

In order to retrieve the license key for each handset, you must have an activation key.

To upgrade a license automatically:

1. Export the serial numbers of the handsets to be updated as follows:
 - Open WSM, click **Device Manager**, and select the **License** tab.
 - Select the handsets to be upgraded.
 - Right-click and select **Export**.
 - Save the serial number file (*.xml). **
2. Access the License Web through the website by typing the following:
<https://www.ascom-ws.com/mitellicenses/>
3. In the License Web, enter the activation key.

The screenshot shows the 'Enter Activation Key' step (1) of a three-step process. The steps are: 1. Enter Activation Key, 2. Add Serial Numbers, and 3. View Licenses. The main heading is 'Enter Activation Key'. Below it, there is a text input field for 'Enter activation key' containing 'U7BXI-ABCD4-TJ?12'. Below that is a CAPTCHA area with the text 'Both marked' and a link 'Get two new words'. At the bottom, there is a 'Check key' button and a 'Next' button.

4. Press **Check key**. The number of handsets that can be upgraded using the activation key is displayed.

The screenshot shows the 'Enter Activation Key' step (1) of a three-step process. The steps are: 1. Enter Activation Key, 2. Add Serial Numbers, and 3. View Licenses. The main heading is 'Enter Activation Key'. Below it, the text reads: 'This activation key allows you to upgrade 4 units with Mitel 5604 License for Services.' Below that, it says 'Press "Next" to enter serial numbers of units to upgrade.' At the bottom, there is a 'Next' button.

5. Press **Next**.

6. Upload the serial number file you created in Step 1 and press **Upload**.

7. The current product license and functionality license for the added handset(s) will be displayed as shown.

Serial Number	Device Type	Options	
MITELTST22	5604		Delete

8. Select **Create Licenses**.
9. Put the handsets in the charger, or switch on the handset to update them. You may need to select **Refresh** in WSM. See [View and Activate Licenses](#) on page 24 for more information.

Automatic License Upgrade is used when WSM/PDM has a connection to Internet.

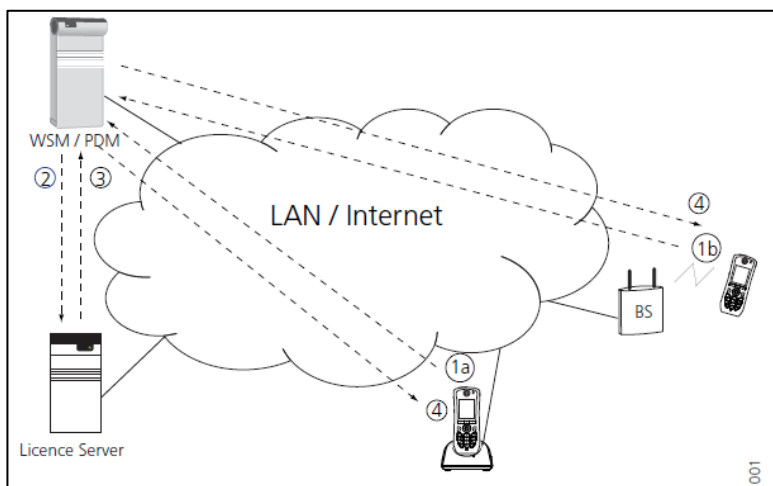


Figure 1 : Automatic license upgrade using WSM or PDM

When placing a handset (1a) in an advanced charger connected to the LAN, it will be registered in the PDM or WSM. If an IP-DECT handset (1b) using OTA, the handset will be registered when it is switched on. That is, it is not needed to place the handset in a charger.

The WSM or PDM requests the license key for each added handset from the License Server (2).

Note: The WSM/PDM will only request the license key the first time a new handset is registered. If the WSM/PDM requests a license key for an already registered handset, you need to select **Refresh** in WSM/PDM.

When the license key(s) is found, the License Server sends it to the WSM/PDM (3). The handset(s) will be upgraded immediately when it is placed in the charger. If a IP-DECT handset (1b) using OTA, the handset will be upgraded when it is switched on (4).

License Upgrade Using Export/Import

Prerequisites

In order to retrieve the license key for each handset, you must have an activation key.

To upgrade a license using Export/Import:

1. Export the serial numbers of the handsets to be updated as follows:
 - Open WSM, click **Device Manager**, select the **License** tab.
 - Select the handsets to be upgraded.
 - Right-click and select **Export**.
 - Save the serial number file (*.xml).
2. Access the License Web through the website by typing the following:
<https://www.ascom-ws.com/mitellicenses/>

Note: Click on the specific wireless handset that you are licensing, for example, 5604, 5607 5634 or 5624.

3. In the License Web, enter the activation key.

4. Press **Check key**. The number of handsets that can be upgraded using the activation key is displayed.

5. Press **Next**.
6. Upload the serial number file and press **Upload**.

1 Enter Activation Key 2 Add Serial Numbers 3 View Licenses

Add Serial Numbers

Serial number: ?

Upload file: ?

☐ I have accepted the conditions of the agreement
[Conditions](#) (opens in a new page)

7. The current product license and functionality license for the added handset(s) will be displayed as shown.

1 Enter Activation Key 2 Add Serial Numbers 3 View Licenses

Add Serial Numbers

Upload file: ?

Serial Number	Device Type	Options	
MITELTST22	5604		Delete

[Remove all](#)

☒ I have accepted the conditions of the agreement
[Conditions](#) (opens in a new page)

8. Select **Create Licenses**.
9. In the License Web, download the License Information file by selecting **Download file**.

1 Enter Activation Key 2 Add Serial Numbers 3 View Licenses

View Licenses

You can get the license to your unit in several ways:

- If you have WSM or WinPDM with a connection to the internet you can select refresh on the license tab.
- You can import a license file to WSM or WinPDM.
- You can manually put the license on the handset.
[View licenses](#)

10. In the WSM/PDM, import the License Information file (**File > Import > Licenses**). The handsets will be updated immediately.
11. Put the handsets in the charger, or switch on the handset to update them. You may need to select **Refresh** in WSM. See [View and Activate Licenses](#) on page 24 for more information.

Manual Upgrade

Prerequisites

In order to retrieve the license key for each handset, you must have an activation key.

1. Obtain the serial number from the handset:
 - With the handset in idle mode, press *#34#.
 - Select **Hardware**.
 - Write down the serial number (S/N).
2. In the License Web, enter the activation key.

The screenshot shows the 'Enter Activation Key' step (Step 1) of a three-step process. The steps are: 1. Enter Activation Key, 2. Add Serial Numbers, and 3. View Licenses. The main heading is 'Enter Activation Key'. Below it, there are two input fields: 'Enter activation key' with the value 'U7BXI-ABCD4-TJ?12' and 'Enter the words below'. Below these fields is a CAPTCHA image showing the words 'Both' and 'marked'. A link 'Get two new words' is below the CAPTCHA. At the bottom, there are two buttons: 'Check key' and 'Next'.

3. Press **Check key**. The number of handsets that can be upgraded using the activation key are displayed.

The screenshot shows the 'Enter Activation Key' step (Step 1) of a three-step process. The steps are: 1. Enter Activation Key, 2. Add Serial Numbers, and 3. View Licenses. The main heading is 'Enter Activation Key'. Below it, the text reads: 'This activation key allows you to upgrade 4 units with Mitel 5604 License for Services. Press "Next" to enter serial numbers of units to upgrade.' At the bottom, there is a 'Next' button.

4. Press **Next**.
5. Type in the serial number and press **Add**.

The screenshot shows the 'Add Serial Numbers' step (Step 2) of a three-step process. The steps are: 1. Enter Activation Key, 2. Add Serial Numbers, and 3. View Licenses. The main heading is 'Add Serial Numbers'. Below it, there are two input fields: 'Serial number:' and 'Upload file:'. The 'Serial number:' field has an 'Add' button next to it. The 'Upload file:' field has a 'Bläddra...' button next to it. Below these fields, there are two buttons: 'Add' and 'Upload'. At the bottom, there is a checkbox labeled 'I have accepted the conditions of the agreement' with a link 'Conditions (opens in a new page)' next to it. Below the checkbox, there are two buttons: 'Back' and 'Create licenses'.

6. The current product license and functionality license for the added handset(s) will be displayed as shown.

The screenshot shows the 'Add Serial Numbers' step (step 2 of 3). At the top, there are three tabs: 'Enter Activation Key' (step 1), 'Add Serial Numbers' (step 2, active), and 'View Licenses' (step 3). Below the tabs, the title 'Add Serial Numbers' is displayed. There is an 'Upload file:' label followed by a text input field, a 'Bläddra...' button, an 'Upload' button, and a red question mark icon. Below this is a table with the following data:

Serial Number	Device Type	Options	
MITELTST22	5604		Delete

Below the table is a 'Remove all' link. At the bottom, there is a checkbox labeled 'I have accepted the conditions of the agreement' with a link to 'Conditions (opens in a new page)'. Below this are 'Back' and 'Create licenses' buttons.

7. Select **Create Licenses**.

8. In the License Web, click **View Licenses** to see the license key on screen or **Send e-mail** to receive the license through email.

The screenshot shows the 'View Licenses' step (step 3 of 3). At the top, there are three tabs: 'Enter Activation Key' (step 1), 'Add Serial Numbers' (step 2), and 'View Licenses' (step 3, active). Below the tabs, the title 'View Licenses' is displayed. The text 'You can get the license to your unit in several ways:' is followed by a list of options:

- If you have WSM or WinPDM with a connection to the internet you can select refresh on the license tab.
- You can import a license file to WSM or WinPDM.
- You can manually put the license on the handset.

Below the list, there is a 'Download file' button. At the bottom, there is a 'View licenses' link, a text input field, and a 'Send e-mail' button.

9. With the handset (idle mode),

- Press ***#35#**
- Enter the license key without any spaces between the digits.
- Press **OK**

If the license key is valid, a dialog window with "License key accepted" is shown. The handset will be restarted.

A Manual Upgrade is used when WSM/PDM is not available.

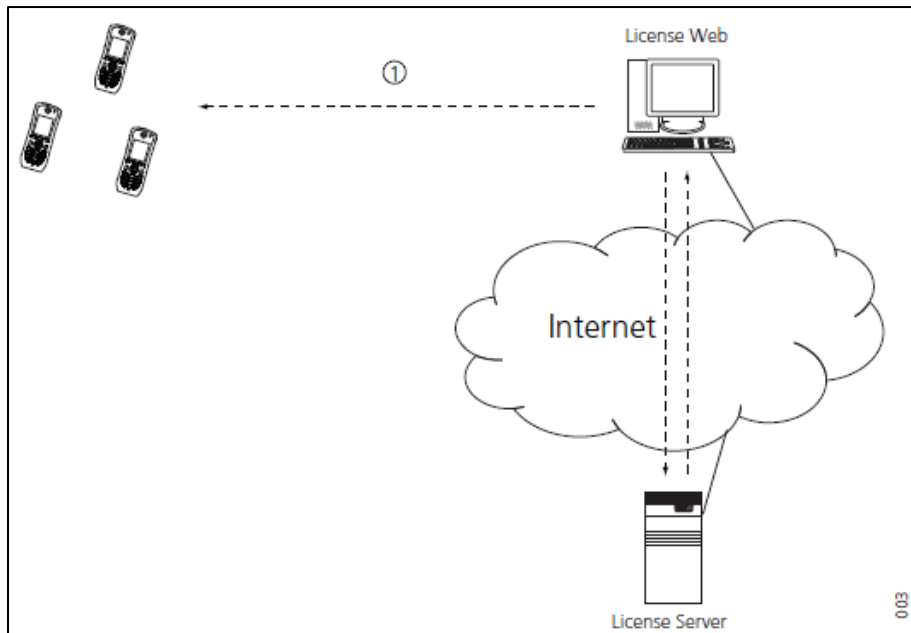


Figure 3: Upgrading handsets without using WSM/PDM

The license key for each handset must be added to the handset by entering the license key manually in the handset (1). When the license key is entered, the handset will be upgraded immediately.

Move Licenses

It is possible to move a license from one handset to another handset of the same device type. A move license command can only be performed on an unlicensed handset of a device type that supports licensing.

You can use the Move license command, for example, when there is an unused handset and a handset with a broken display. Use the Move license command to move the license to the other handset. Then the broken handset can be sent for service.

1. Select the **Licenses** tab.
2. Select the device whose license is to be moved.
The selected row is highlighted.
3. In the License menu, select **Move license** or right-click and select **Move license**.
The Move license window appears.
4. Select the device that will receive the license. Click **OK**.
If no devices are shown in the **Move license** window, there are no devices that are selectable to move the license to.
5. The device type of the handset that received the license is still unchanged in the **Device Manager**. Select this handset and do the following:
6. In the Licenses menu, select **Refresh** to complete the transfer of the license. The device-type of the handset is now updated in **Device Manager**.

See the *IP-DECT WSM3 Installation and Operation Manual* for more information.

Note: This feature requires that the WSM3 supports the move license feature, and a has connection to the license server.

See also the handset's Configuration Manual for more information on which handsets support this feature.

Using the License Web

This section describes how to use the License Web in order to retrieve licenses.

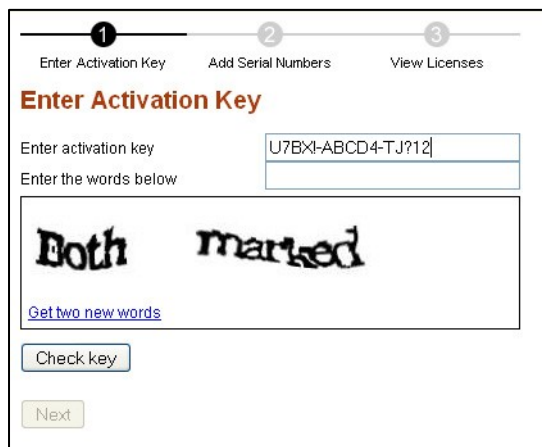
Mitel 5614/5604/5607/5634/5624 Advanced Capabilities Licenses are activated on the associated Licensing Server using your 56XX activation key. Additionally, the licenses for the WSM and the CPDM server is managed via this license server. The Licensing Server is accessed via the website: <https://www.ascom-ws.com/mitelllicenses>

Enter Activation Key

The activation key determines the license that can be applied to the Mitel 5614/5604/5607/5634/5624 handset, where each activation key can be used for upgrading a predefined number of handsets.

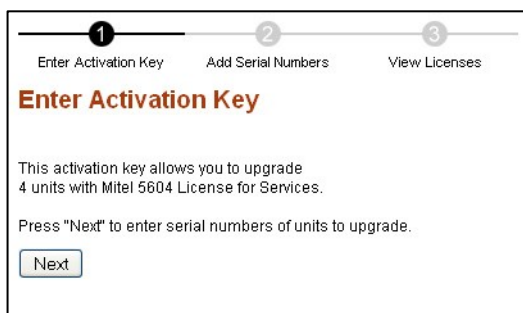
Note: The activation key is provided by your supplier.

When the user has entered the activation key and selected **Check key** (see Figure 4), the number of handsets that can be upgraded using the activation key are displayed, see Figure 5. In this case, four handsets can be upgraded to Mitel 5604 License for Services.



The screenshot shows a web interface with a progress bar at the top indicating three steps: 1. Enter Activation Key (active), 2. Add Serial Numbers, and 3. View Licenses. Below the progress bar, the title 'Enter Activation Key' is displayed. There are two input fields: 'Enter activation key' containing the text 'U7BXI-ABCD4-TJ?12' and 'Enter the words below'. Below these fields is a large image showing the words 'Both' and 'marked' in a stylized font. A link 'Get two new words' is positioned below the image. At the bottom of the form are two buttons: 'Check key' and 'Next'.

Figure 4: Entering Activation Key



The screenshot shows the same web interface with the progress bar. The title 'Enter Activation Key' is still present. Below the title, the text reads: 'This activation key allows you to upgrade 4 units with Mitel 5604 License for Services.' and 'Press "Next" to enter serial numbers of units to upgrade.' At the bottom of the form is a single button labeled 'Next'.

Figure 5: Status of the activation key

Add Serial Numbers

The handset(s) to be upgraded must be added by entering its serial number manually (a), or by uploading a serial number file¹ (b). See Figure 6. It is recommended to import a serial number file if several handsets will be upgraded.

Figure 6: Adding serial number of the handsets

Note: If the serial numbers are entered manually (a), it is not possible to download the license information file from the License Web later on. In this case, the license key(s) can be displayed on the License Web in order to enter the license key(s) manually in the handset(s).

The current product license (c) and functionality license (d) for the added handset(s) will be displayed as shown in Figure 7. It is possible to add additional handsets by uploading another serial number file or enter the handsets serial number manually. If needed, a handset can be removed from the table (e).

Serial Number	Device Type	Options
MITELTST22	5604	

Figure 7: List of added handsets

See the corresponding manual for WSM or PDM for information on how to export the serial number file.

View and Activate Licenses

When the license key(s) has been created, it can be received as follows (see also Figure 8):

If WSM or PDM with a connection to Internet is used

- If the handset is not registered in the WSM or PDM, do one of the following:
 - place the handset in an advanced charger connected to the WSM or PDM, *or*
 - if the handset is used in a IP-DECT system using Over-the-Air (OTA), switch on the handset.
- If the handset already is registered in the WSM or PDM, select **Refresh** on the License tab in WSM or PDM (see corresponding manual). In addition, do one of the following:
 - place the handset in an advanced charger connected to the WSM or PDM, *or*
 - If the handset is used in a IP-DECT system using Over-the-Air (OTA), switch on the handset.

If WSM or PDM without a connection to Internet is used

Download the license information file, and then import it to the WSM or PDM (see corresponding manual). In addition, do one of the following:

- place the handset in an advanced charger connected to the WSM or PDM, *or*
- if the handset is used in a IP-DECT system using Over-the-Air (OTA), switch on the handset.

If WSM or PDM is not used

You have to enter the license key on the handset manually. See the handset's manual for more information. The license key can either be displayed by selecting **View licenses**, or by sending the license key(s) by e-mail.

1 Enter Activation Key 2 Add Serial Numbers 3 View Licenses

View Licenses

You can get the license to your unit in several ways:

- If you have WSM or WinPDM with a connection to the internet you can select refresh on the license tab.
- You can import a license file to WSM or WinPDM.

Download file
- You can manually put the license on the handset.

[View licenses](#)

Send e-mail

Figure 8: Get license key(s)

Related Documents

- Mitel 5604 Wireless Handset Configuration Manual
- Mitel 5607 Wireless Handset Configuration Manual
- Mitel 5614 Wireless Handset Configuration Manual
- Mitel 5634 Wireless Handset Configuration Manual
- Mitel 5624 Wireless Handset Configuration Manual
- Mitel 5604 Wireless Handset User Guide
- Mitel 5607 Wireless Handset User Guide
- Mitel 5614 Wireless Handset User Guide
- Mitel 5634 Wireless Handset User Guide
- Mitel 5624 Wireless Handset User Guide
- Portable Device Manager (PDM), Windows Version Installation and Operation
- IP-DECT WSM Installation and Operation Manual
- IP-DECT CPDM Installation and Operation Manual

