

Function Description

Product Licensing Overview

Contents

| | |
|--|-----------|
| 1 Introduction | 1 |
| 1.1 Glossary and Abbreviations..... | 1 |
| 2 System Overview | 2 |
| 2.1 License Upgrading Alternatives..... | 2 |
| 2.1.1 Automatic License Upgrade | 2 |
| 2.1.2 License Upgrade Using Export/Import..... | 3 |
| 2.1.3 Manual Upgrade | 4 |
| 2.2 Move Licenses | 4 |
| 3 Using the License Web | 5 |
| 3.1 Buy Licenses | 6 |
| 3.1.1 Add Product..... | 6 |
| 3.1.2 Select Licenses | 7 |
| 3.1.3 View Order List..... | 8 |
| 3.1.4 Pay Order..... | 9 |
| 3.1.5 Get License Key..... | 10 |
| 3.2 View Licenses | 12 |
| 3.2.1 Add Product..... | 12 |
| 3.2.2 Get License Key..... | 13 |
| 4 Related Documents | 14 |
| 5 Document History | 15 |

1 Introduction

This document gives a brief overview of the license management, needed settings and where to find more detailed information.

The benefits of licensing is both operational and financial. In addition, licenses enable the upgrade of basic communications functionality to include features such as personal security, advanced messaging capability, advanced location finding, and other facilitating features.

The system administrator can add license(s) using one of the license upgrading alternatives described in chapter [2.1 License Upgrading Alternatives](#) on page 2.

License(s) is purchased via a License Web using a value card or by invoice.

1.1 Glossary and Abbreviations

| | |
|--------------------------|---|
| DP1 | Desktop Programmer |
| Functionality license | A license that is required for upgrading a product with additional functions. |
| IMS2 | Integrated Wireless Messaging and Services: a Unite module that enables wireless services to and from portable devices and chargers. It also includes the Device Manager. |
| License information file | A file that is generated by the License Server and contains license key(s) for the product(s). |
| OTA | Over-the-Air |
| Product | In this document, the term refers to a handset. |
| Product information file | A file that is exported from the IMS2/Unite CM/WinPDM and contains serial number(s) of the product(s). |
| Product license | A license including the basic functionality for a certain product. |
| Unite CM | Unite Connectivity Manager: a Unite module that enables messaging and alarm handling in a system. It also includes the Device Manager. |
| WinPDM | Portable Device Manager Windows Version: a software application, running on a Windows PC, for management of portable devices, charging racks, etc. |

2 System Overview

2.1 License Upgrading Alternatives

There are several alternatives for upgrading a handset's product license and/or adding additional functionality licenses.

- Automatic license upgrade: Use this alternative if the IMS2/Unite CM/WinPDM has a connection to the Internet, see [2.1.1 Automatic License Upgrade](#).
- License upgrade using export/import: Use this alternative if the IMS2/Unite CM/WinPDM has no connection to the Internet, see [2.1.2 License Upgrade Using Export/Import](#) on page 3.
- Manual upgrade: Use this alternative if no IMS2/Unite CM/WinPDM is used, see [2.1.3 Manual Upgrade](#) on page 4.
- Move licenses between handsets, see [2.2 Move Licenses](#) on page 4.

2.1.1 Automatic License Upgrade

Prerequisites: License(s) for the product(s) has been purchased via the License Web, see [3 Using the License Web](#) on page 5.

Use this alternative if the IMS2/Unite CM/WinPDM has a connection to the Internet.

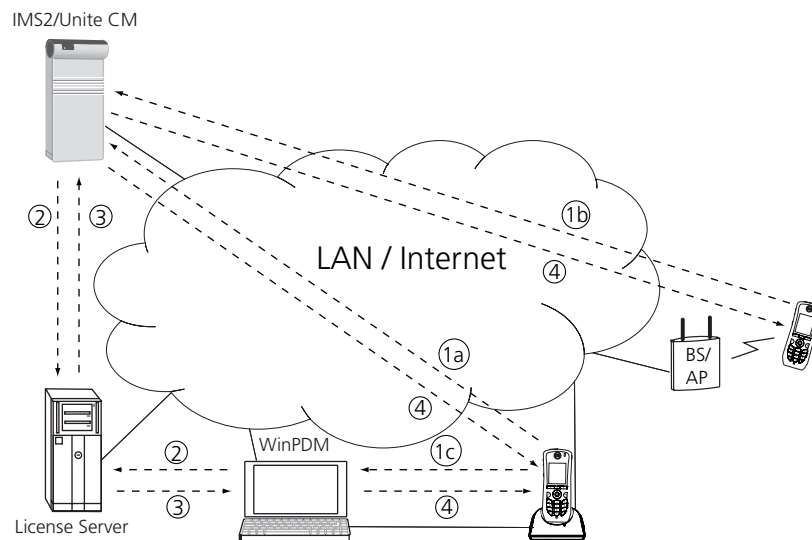


Figure 1. Automatic license upgrade using IMS2/Unite CM/WinPDM.

First the handset must connect to the IMS2/Unite CM/WinPDM.

- IMS2/Unite CM:
 - A DECT handset connects to the IMS2/Unite CM when it is placed in an advanced charger connected to the LAN (1a).
 - An IP-DECT/VoWiFi handset connects to the IMS2/Unite CM using Over-the-Air (OTA) when it is switched on (1b).
- WinPDM:
 - A DECT/IP-DECT handset connects to the WinPDM when it is placed in an advanced charger connected to the WinPDM (1c).
 - A VoWiFi handset connects to the WinPDM when it is placed in a Desktop Programmer (DP1) connected to the WinPDM (1c).

The IMS2/Unite CM/WinPDM then requests the license key for each connected handset from the License Server (2). When the IMS2/Unite CM/WinPDM receives the license key (3), it sends it to the handset (4).

Note: The IMS2/Unite CM/WinPDM will only request the license key when a handset connects for the first time. If the IMS2/Unite CM/WinPDM is to request a license key for a handset that has been connected before, the user needs to select "Refresh" in IMS2/Unite CM/WinPDM.

2.1.2 License Upgrade Using Export/Import

Prerequisites: License(s) for the product(s) has been purchased via the License Web, see [3 Using the License Web](#) on page 5. The product(s) was added to the License Web by exporting its product information file from the IMS2/Unite CM/WinPDM.

Use this alternative if the IMS2/Unite CM/WinPDM has no connection to the Internet.

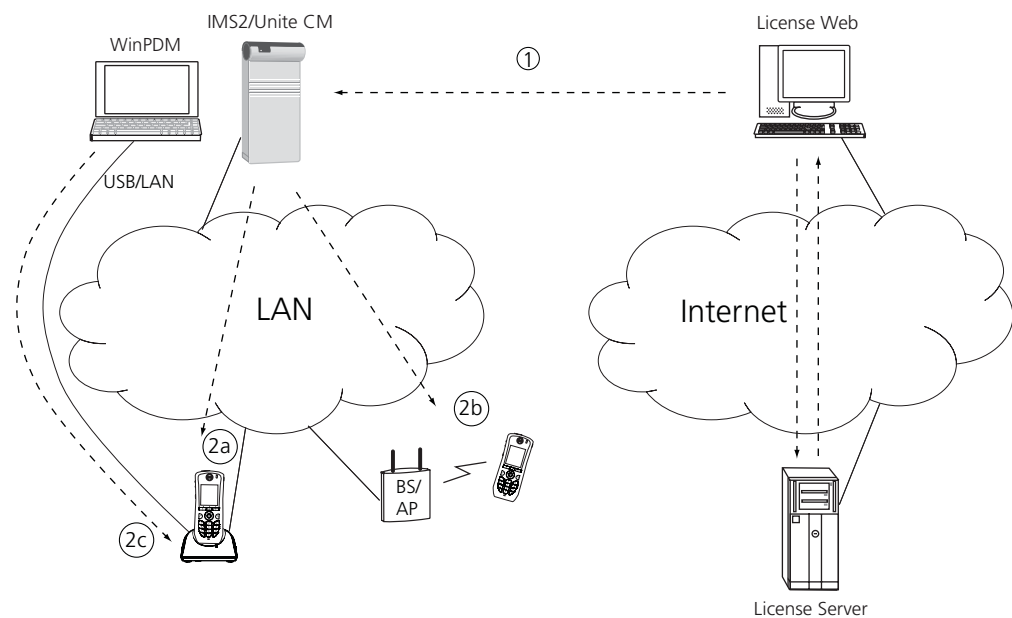


Figure 2. License upgrade using a license information file (.XML).

First a license information file must be downloaded from the License Web and imported to the IMS2/Unite CM/WinPDM (1).

The handset will then be upgraded immediately when the handset connects to the IMS2/Unite CM/WinPDM.

- IMS2/Unite CM:
 - A DECT handset connects to the IMS2/Unite CM when it is placed in an advanced charger connected to the LAN (2a).
 - An IP-DECT/VoWiFi handset connects to the IMS2/Unite CM using OTA when it is switched on (2b).
- WinPDM:
 - A DECT/IP-DECT handset connects to the WinPDM when it is placed in an advanced charger connected to the WinPDM (2c).
 - A VoWiFi handset connects to the WinPDM when it is placed in a DP1 connected to the WinPDM (2c).

2.1.3 Manual Upgrade

Prerequisites: License(s) for the product(s) has been purchased via the License Web, see [3 Using the License Web](#) on page 5.

Use this alternative if no IMS2/Unite CM/WinPDM is used.

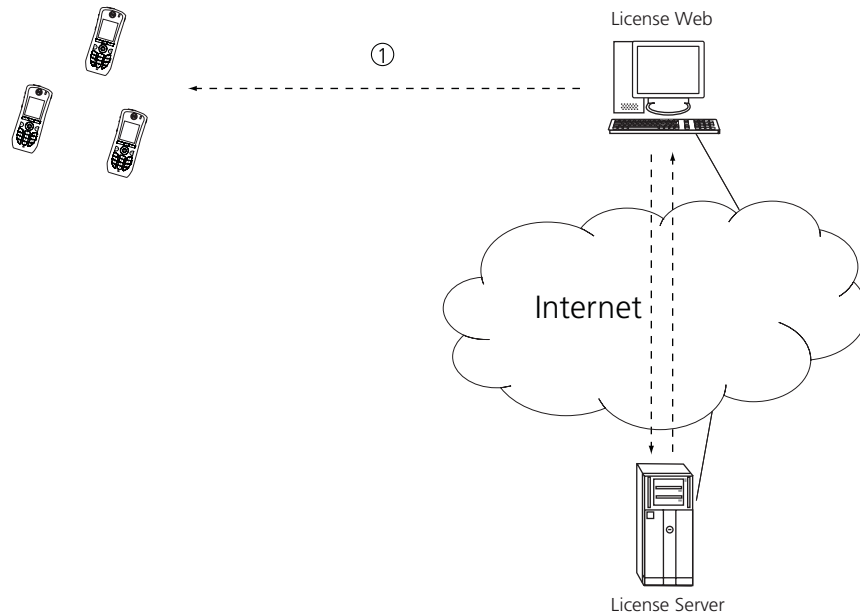


Figure 3. Manual upgrade without using IMS2/Unite CM/WinPDM.

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

The license key can be displayed on the License Web or sent by e-mail, see [3 Using the License Web](#) on page 5.

2.2 Move Licenses

It is possible to move licenses from one product to another product without those licenses using the IMS2/Unite CM connected to the License Server. This can be useful if a product with licenses has a broken display and must be sent for service. The licenses can then be moved to another product for use during service.

Note: It is only possible to move license(s) to a product without those licenses.

Note: It is not possible to remove license(s) from a product in any other way than by moving them.

See Installation and Operation Manual, IMS2, TD 92586GB, or Installation and Operation Manual, Unite CM, TD 92735GB, for more information.

3 Using the License Web

This section describes how to use the License Web in order to view licenses that have been purchased, or purchase additional licenses.

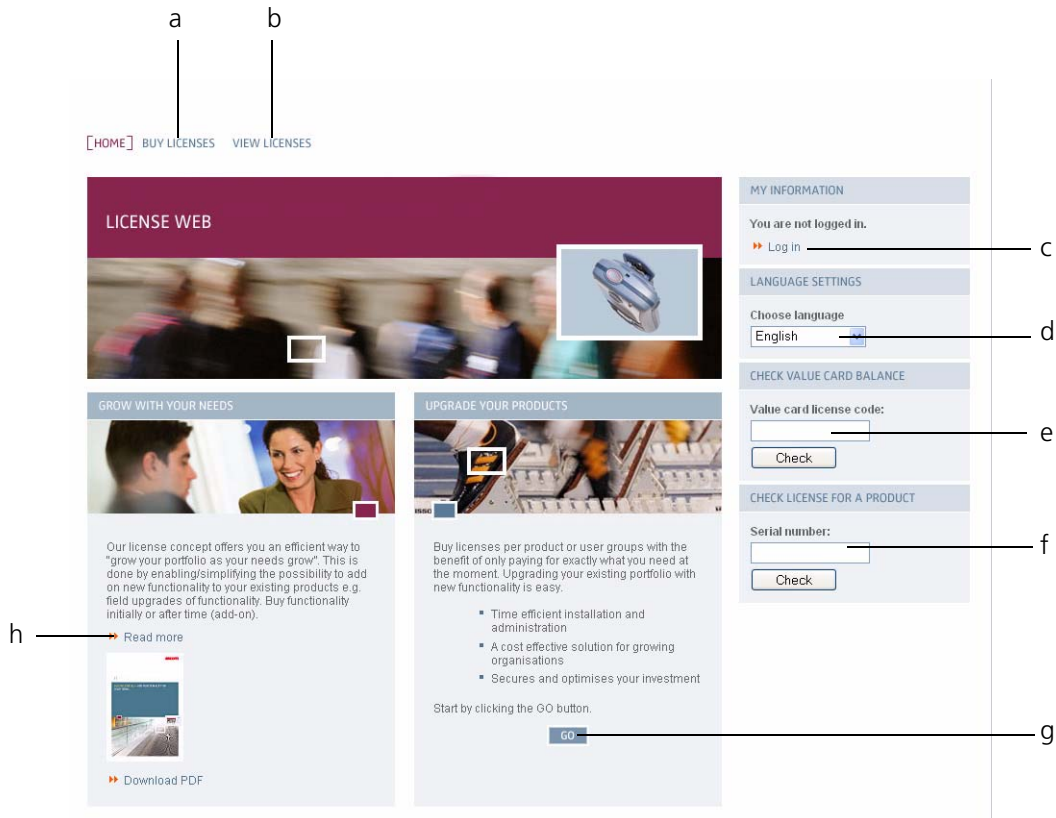


Figure 4. The License Web overview - Introduction page.

- a, g This option is used for purchasing licenses in order to upgrade a product. See also [3.1 Buy Licenses](#) on page 6.
- b This option is used for viewing/downloading license key(s). See also [3.2 View Licenses](#) on page 12 for more information.
- c This option is used for paying for licenses by invoice.
Note: The user must also be authorized for paying for licenses by invoice.
- d Shows which language to display on the License Web.
- e Shows the remaining points on the value card that can be used for paying for licenses.
- f Shows the current license(s) for a product when its serial number is entered. If a license has been purchased via the License Web, the license key is also displayed. In order to download a license key, see [3.2 View Licenses](#) on page 12.
- h Shows which products that can be upgraded by licensing and a short description of the licenses.

3.1 Buy Licenses

3.1.1 Add Product

To purchase licenses for a product, the product must first be added to the License Web (see figure 5). The product is added by entering its serial number manually (a), or by exporting a product information file¹ containing the product's serial number from the IMS2/Unite CM/WinPDM (b). It is recommended to export a product information file if several products are to be added.

Note: If the serial numbers are entered manually (a), it will not be possible to download the license information file from the License Web. 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 product(s).



Figure 5. Add products to upgrade.

The current product license (c) and functionality license (d) for the added product(s) will be displayed as shown in figure 6. It is also possible to remove a product from the table (e).

| Serial number | Item description | Options | |
|---------------|------------------|--|--------|
| 123456789 | Product A | Product A - Functionality License 1 Product A - Functionality License 2 | Remove |

Remove all

Figure 6. Display the current licenses of the added products.

1. See corresponding manual for IMS2/Unite CM/WinPDM for information on how to export the product information file.

3.1.2 Select Licenses

The product licenses (a) and functionality licenses (b) that can be applied for all added products will be displayed as shown in figure 7. If the added products have different product licenses and/or functionality licenses, additional licenses that are applicable for only some products will not be displayed.

Example:

There are two added products with different product licenses, that is, Product license A and Product license B. The product with the Product license A cannot be upgraded to the Product license B due to that the other product already has the Product license B. In this case, the product with Product license B must be removed from the table (see figure 6).

In figure 7, the cost for each license is displayed in points, or in currency if the licenses are to be paid by invoice (requires that the user has logged in to the License Web and is authorized to pay by invoice). The total cost of the selected license(s) is also shown (c).

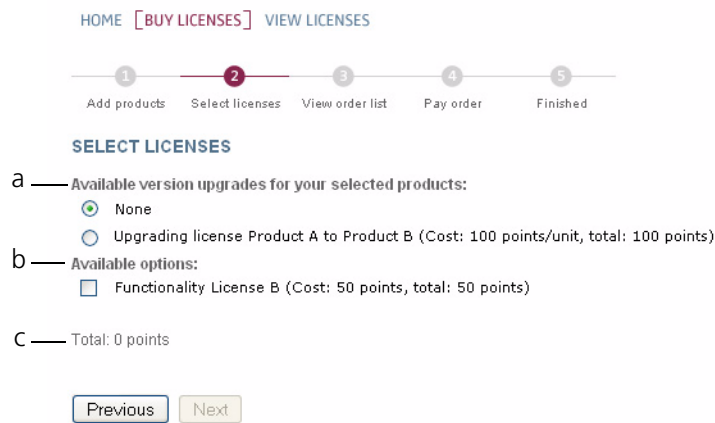


Figure 7. Display the applicable licenses for the added products.

3.1.3 View Order List

The selected licenses will be displayed with the following information (see [figure 8](#)):

- the product's serial number (a)
- the current product license for the product (b)
- the license(s) that has been selected for upgrading the product (c)
- the cost, in points or in currency, for each license (d)
- the total order value in points or in currency (e)

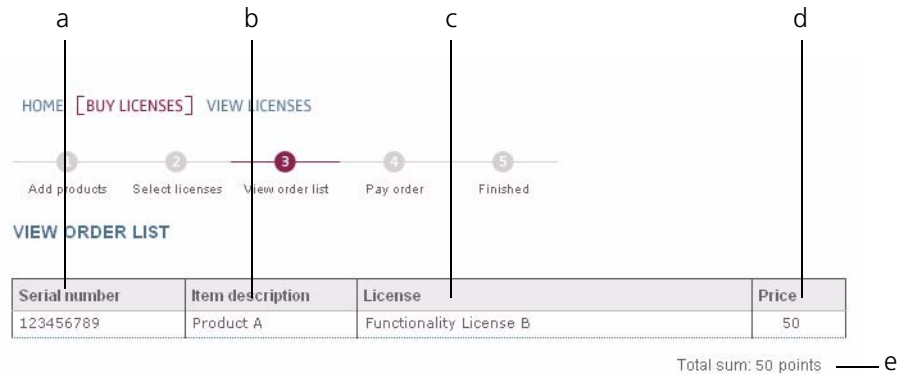


Figure 8. Display selected licenses and the order value.

3.1.4 Pay Order

The licenses can be paid either by using a Value Card (see [Pay by Value Card](#) on page 9), or by invoice (see [Pay by Invoice](#) on page 10).

Pay by Value Card

The order can be paid by adding a Value Card. The Value Card is added by entering its license code that is found by scratching the License Code area on the back of the Value Card (see [figure 9](#)).

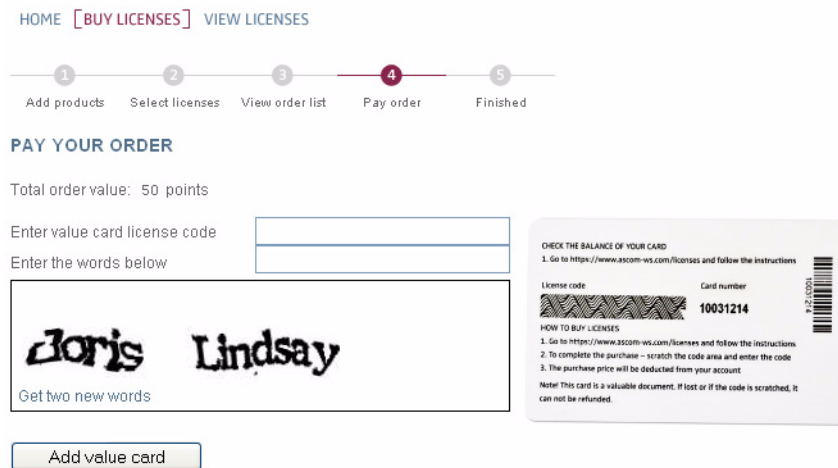


Figure 9. Add Value Card.

In [figure 10](#), the added Value Card's license code and its balance are displayed. It is possible to remove the Value Card and add another one. If the balance of the added Value Card is lower than the order value, additional Value Card(s) can be added.

When clicking "Buy licenses", the order value will be deducted from the Value Card.

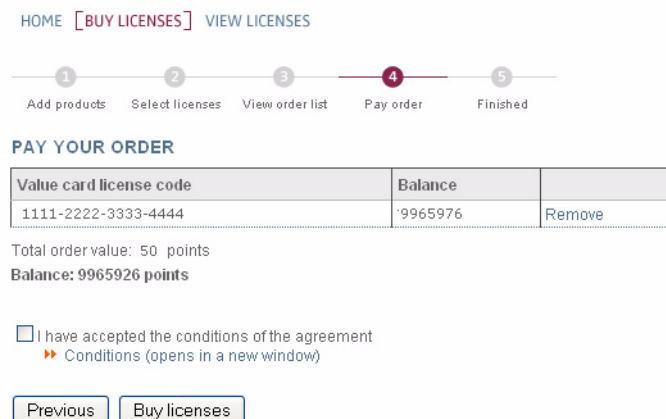


Figure 10. Value Card overview.

Pay by Invoice

Note: To pay for licenses by invoice, the user must have logged in to the License Web by selecting Home > Log in (see [figure 4](#) on page 5), and be authorized to pay by invoice.

If the user has logged in and is authorized to pay by invoice, the view in [figure 11](#) is displayed. When clicking “Buy licenses”, the invoice will be created and will be sent to the address that is shown on the License Web (a).

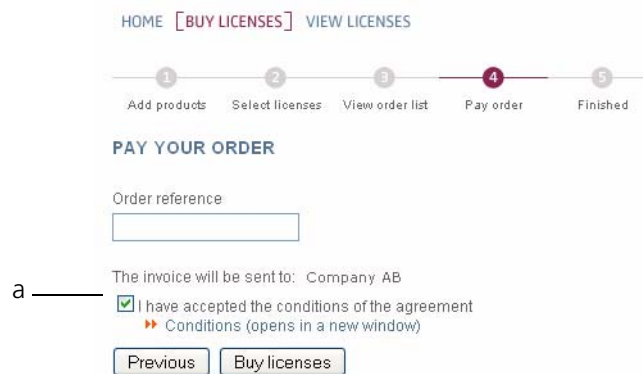


Figure 11. Pay order by invoice.

3.1.5 Get License Key

When the order has been paid, the license key(s) is generated and can be received as follows (see also [figure 12](#) on page 11):

If IMS2/Unite CM/WinPDM with a connection to the Internet is used

- If the product has not been connected to the IMS2/Unite CM/WinPDM before, do one of the following:
 - IMS2/Unite CM, DECT handset: place the product in an advanced charger connected to the IMS2/Unite CM via LAN.
 - IMS2/Unite CM, IP-DECT/VoWiFi handset: switch on the product.
 - WinPDM, DECT/IP-DECT handset: place the product in an advanced charger connected to the WinPDM.
 - WinPDM, VoWiFi handset: place the product in a DP1 connected to the WinPDM.
- If the product has been connected to the IMS2/Unite CM/WinPDM before, select “Refresh” on the License tab in IMS2/Unite CM/WinPDM (see the corresponding manual). In addition, do one of the following:
 - IMS2/Unite CM, DECT handset: place the product in an advanced charger connected to the IMS2/Unite CM via LAN.
 - IMS2/Unite CM, IP-DECT/VoWiFi handset: switch on the product.
 - WinPDM, DECT/IP-DECT handset: place the product in an advanced charger connected to the WinPDM.
 - WinPDM, VoWiFi handset: place the product in a DP1 connected to the WinPDM.

If IMS2/Unite CM/WinPDM without a connection to the Internet is used

Download the license information file, and then import it to the IMS2/Unite CM/WinPDM (see the corresponding manual). In addition, do one of the following:

- IMS2/Unite CM, DECT handset: place the product in an advanced charger connected to the IMS2/Unite CM via LAN.
- IMS2/Unite CM, IP-DECT/VoWiFi handset: switch on the product.
- WinPDM, DECT/IP-DECT handset: place the product in an advanced charger connected to the WinPDM.
- WinPDM, VoWiFi handset: place the product in a DP1 connected to the WinPDM.

Note: If the serial number was entered manually when adding the product, it is not possible to download the license information file from the License Web.

If IMS2/Unite CM/WinPDM is not used

The license key must be manually entered in the product using the keypad. See the product's manual for more information. It is possible to send the license key by e-mail to the product owner. That way the product owner can enter the license key in the product without having access to the License Web.

Note: If the Value Card has been used for paying the order, its remaining value is also shown (a), see figure 12.

HOME [BUY LICENSES] VIEW LICENSES

1 2 3 4 5
Add products Select licenses View order list Pay order Finished

FINISHED

Your licenses has been purchased and are now available.

▶▶ View receipt (opens in a new window)

Balance after transaction:

| Value card number | Value |
|---------------------|---------|
| 1111-2222-3333-4444 | 9965926 |

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

- If you have IMS2 or WinPDM with a connection to the Internet, do one of the following:
 - a) If the product already is registered in IMS2 or WinPDM, select "Refresh" on the License tab. The product will be upgraded when it is placed in an advanced charger connected to IMS2 or WinPDM OR when it is switched on in a IP-DECT system that supports Over-the-Air (OTA).
 - b) If the product is not registered in IMS2 or WinPDM, The product will be upgraded when it is placed in an advanced charger connected to IMS2 or WinPDM OR when it is switched on in a IP-DECT system that supports Over-the-Air (OTA).
- You can import a license file to IMS2 or WinPDM.
- You can manually put the license on the product. See the product's manual for more information.
▶▶ View licenses (opens in a new window)

Figure 12. Get license keys after the order has been paid.

3.2 View Licenses

When license(s) for a product has been purchased, its license key(s) will be displayed under View Licenses. This makes it possible to view or download license key(s) on demand.

The license key is unique for each product and is mapped to the product's serial number.

3.2.1 Add Product

To view licenses for a product, its serial number must first be added to the License Web. The serial number can either be entered manually, or by exporting a product information file¹ containing the product's serial number from the IMS2/Unite CM/WinPDM.

Note: If the serial numbers are entered manually, it will not be possible to download the license information file from the License Web. 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 product(s).

Added products are displayed as shown in figure 13. It is also possible to add additional products by entering additional serial numbers or exporting product information files.



Figure 13. Overview of added serial numbers.

1. See corresponding manual for IMS2/Unite CM/WinPDM for information on how to export the product information file.

3.2.2 Get License Key

The license key(s) can be received as follows (see also [figure 14](#) on page 13):

If IMS2/Unite CM/WinPDM with a connection to the Internet is used

Normally the license key is downloaded automatically to the product when it connects to the IMS2/Unite CM/WinPDM for the first time. If it has not been downloaded, select "Refresh" on the License tab in IMS2/Unite CM/WinPDM (see the corresponding manual). In addition, do one of the following:

- IMS2/Unite CM, DECT handset: place the product in an advanced charger connected to the IMS2/Unite CM via LAN.
- IMS2/Unite CM, IP-DECT/VoWiFi handset: switch on the product.
- WinPDM, DECT/IP-DECT handset: place the product in an advanced charger connected to the WinPDM.
- WinPDM, VoWiFi handset: place the product in a DP1 connected to the WinPDM.

If IMS2/Unite CM/WinPDM without a connection to the Internet is used

Download the license information file, and then import it to the IMS2/Unite CM/WinPDM (see the corresponding manual). In addition, do one of the following:

- IMS2/Unite CM, DECT handset: place the product in an advanced charger connected to the IMS2/Unite CM via LAN.
- IMS2/Unite CM, IP-DECT/VoWiFi handset: switch on the product.
- WinPDM, DECT/IP-DECT handset: place the product in an advanced charger connected to the WinPDM.
- WinPDM, VoWiFi handset: place the product in a DP1 connected to the WinPDM.

Note: If the serial number was entered manually when adding the product, it is not possible to download the license information file from the License Web.

If IMS2/Unite CM/WinPDM is not used

The license key must be manually entered in the product using the keypad. See the product's manual for more information. It is possible to send the license key by e-mail to the product owner. That way the product owner can enter the license key in the product without having access to the License Web.

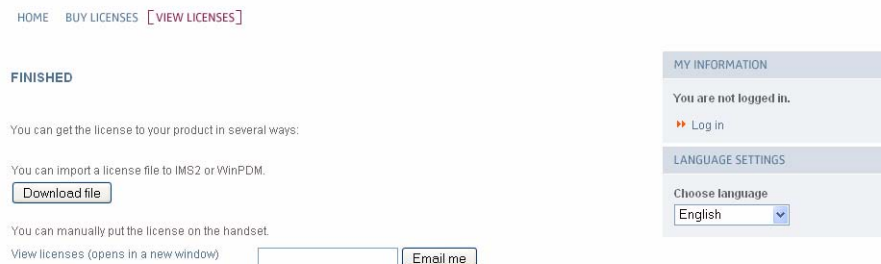


Figure 14. Get license key(s).

4 Related Documents

| | |
|--|------------|
| Configuration Manual, Ascom d41 DECT Handset | TD 92641GB |
| Configuration Manual, Ascom d62 DECT Handset | TD 92639GB |
| Configuration Manual, Ascom d81 DECT Handset | TD 92674GB |
| Configuration Manual, Ascom i62 VoWiFi Handset | TD 92675GB |
| Installation and Operation Manual, Portable Device Manager (PDM), Windows Version | TD 92325GB |
| Installation and Operation Manual, IMS2 | TD 92586GB |
| Installation and Operation Manual, Unite CM | TD 92735GB |
| User Manual, Ascom d41 DECT Handset | TD 92582GB |
| User Manual, Ascom d62 DECT Handset | TD 92477GB |
| User Manual, Ascom d81 DECT Handset | TD 92644GB |
| User Manual, Ascom i62 VoWiFi Handset | TD 92599GB |

5 Document History

For details in the latest version, see change bars in the document.

| Version | Date | Description |
|---------|------------------|--|
| A | 19 November 2009 | First released version. |
| B | 13 December 2010 | <ul style="list-style-type: none">• Added Unite CM throughout.• Added VoWiFi throughout.• Added DP1 throughout.• Added e-mail possibility throughout.• Clarified the connection alternatives in chapters 2.1.1 Automatic License Upgrade on page 2, and 2.1.2 License Upgrade Using Export/Import on page 3. |