



## **PTF loading instructions**

**Release 2014.01 PTF004**

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## INTRODUCTION

Before installing a PTF or release, you must verify on <https://my.unit4.com/Login> whether there are any significant installation details.

The installation of a PTF for FMS includes various phases:

- The installation of the last PTF on the IBM i.
- The installation of the new version of Basepack (“LegaSuite Windows Client”) on a PC server or one or more local PCs.
- The installation of the accompanying Easy @ccess panels, on a PC server or one or more local PCs.
- The installation of the Seagull License Manager on the IBM i (from a PC), if a new Seagull License Manager is delivered with the PTF.
- The installation of any purchased web applications, such as FMS Online Approval or the Webviewer.

You will not have to go through all phases of the installation process. This PTF contains the data as listed in the table below:

FMS	Explanation
Release 2014.01 PTF004	
Easy @ccess panels	Modified E@ panels including HTML help (up to PTF004).
Seagull License Manager (LMS) Version 4.35	You can verify the version number of your Seagull License Manager by entering the command SEALMS/WRKSEALIC on the command line of your server (IBM i). You will find the version number at the top right of your screen, behind the ‘Work with SEAGULL licenses’ text.
Basepack 6.0C7	The version number of your LegaSuite Windows Client is displayed on the start screen of Easy @ccess.
Print file server	Seagull print file server for IBM i, version 1.00.
Webviewer	UNIT4 Business Software Webviewer, version 2.18.
FMS Online Approval	Last version of FMS Online Approval.
Valuepack	E@ Java Client (LegaSuite GUI Engine)

## UPLOADING DOWNLOADED PTF

This PTF can be downloaded from the Customer Portal of UNIT4 (<https://my.unit4.com/Login>).

The PTF consists of two files:

FMS1401004.ISO	Contains all IBM i software.
FMS1401004.ZIP	Contains all components which need not be installed on the IBM i, such as Easy @ccess, the Web applications and the documentation.

You can decide to burn the downloaded file FMS1401004.ISO to a CD and to insert this CD into the optical device of your IBM i. Please continue with the 'Installing PTF on IBM i' chapter.

There is another option. You can store the downloaded file FMS1401004.ISO in an **Image Catalog** on your IBM i. An image catalog is an object type which stores ISO images of CDs/DVDs in the IFS (Integrated File System). An image catalog can be considered an optical device which has been installed on your IBM i.

Step 1 describes the one-off procedure for creating and enabling a virtual optical device. If you performed this step previously, you can continue with step 2. To perform the following actions, you must have **QSECOFR** authority.

1.	<p><b>Create a Virtual Optical Device</b> using:  CRTDEVOPT DEVD(OPTVRT01) RSRCNAME(*VRT) TEXT('Virtual Optical OPTVRT01')  &lt;enter&gt;.</p> <p>Put the virtual optical device online using:  VRYCFG CFGOBJ(OPTVRT01) CFGTYPE(*DEV) STATUS(*ON) &lt;enter&gt;.</p> <p>Create a directory for image catalogs using: MD DIR('/imgclg') &lt;enter&gt;.</p> <p>Create a scratch directory for the PTFs of FMS using: MD DIR('/imgclg/work') &lt;enter&gt;.</p> <p>If you perform the following command, the contents of the image catalog will not be stored when securing your IBM i (if it is not empty). This will help you to save space on your storage medium. This command is as follows: CHGATR OBJ('/imgclg') ATR(*ALWSAV) VALUE(*NO) &lt;enter&gt;.</p>
2.	<p><b>Upload to IBM i</b></p> <p>The ISO file must be uploaded in binary format to the created directory using FTP. To perform this procedure, the FTP server must be enabled on the IBM i. This can be initiated on your IBM i using the command: STRTCPSVR SERVER(*FTP).</p> <p>Enter the following commands in the command prompt of Windows (cmd.exe) and go to the PC directory to which you have downloaded the FMSPTF image.</p> <p>Now enter the following commands:</p> <ul style="list-style-type: none"> <li>- ftp IBM i name (logical name or IP number). You then need to log on with QSECOFR and password.</li> <li>- quote site namefmt 1 &lt;enter&gt;</li> <li>- cd /imgclg/work &lt;enter&gt;</li> </ul>

- bin <enter>
- put FMS1401004.iso <enter>

After completing the upload, you can enter the **quit** command to cut off the connection <enter>.

Example:

```
C:\Pakket Images\FMS CD Images\Release 2014.01\ISO Images PTF's\FMS1401004\CD>ftp
ftp> open bilbo
Verbonden met bilbo.corp.u4agr.com.
220-QTCP at bilbo.
220 Connection will close if idle more than 5 minutes.
Gebruiker (bilbo.corp.u4agr.com:(none)): qsecofr
331 Enter password.
Wachtwoord:
230 QSECOFR logged on.
ftp> bin
200 Representation type is binary IMAGE.
ftp> quote site namefmt 1
250 Now using naming format "1".
ftp> cd /imgclg/work
250 "/imgclg/work" is current directory.
ftp> put FMS1401004.iso
200 PORT subcommand request successful.
150 Sending file to /imgclg/work/FMS1401004.iso
226 File transfer completed successfully.
ftp: 650903552 bytes verzonden in 59,59 seconden 10923,03 kB/s.
ftp> quit
221 QUIT subcommand received.
```

### 3. Create Image Catalog and fill it with the downloaded image

Create an image catalog for the PTF using:

```
CRTIMGCLG IMGCLG(FMS1401004) DIR('/imgclg/FMS1401004') TYPE(*OPT)
CRTDIR(*YES) TEXT('FMSPTF1401004') <enter>.
```

Add the FMSPTF ISO file to the created image catalog using the command:

```
ADDIMGCLGE IMGCLG(FMS1401004) FROMFILE('/imgclg/work/FMS1401004.ISO') <enter>.
```

Link the image catalog to the virtual optical device using the command:

```
LODIMGCLG IMGCLG(FMS1401004) DEV(OPTVRT01) OPTION(*LOAD) <enter>.
```

The image catalog can now be used to load the PTF through FMS. The corresponding procedure is described in the installation section. The OPT01 string, where referred to in the PTF description, must be replaced by the string OPTVRT01. Please proceed with the 'Installing PTF on IBM i' chapter.

### 4. Delete contents of Image Catalog

After installing the PTF, you can delete the contents of the image catalog.

Unlink image catalog from the virtual optical device using:

```
LODIMGCLG IMGCLG(FMS1401004) DEV(OPTVRT01) OPTION(*UNLOAD) <enter>.
```

Delete the image catalog entry using:

```
DLTIMGCLG IMGCLG(FMS1401004) KEEP(*NO) <enter>.
```

Delete the ISO file from the scratch directory using:

```
RMVLNK OBJLNK('/imgclg/work/FMS1401004.iso') <enter>.
```

5. The downloaded FMS1401004.ZIP file contains the following directories:

Naam	Gewijzigd op	Type
 Basepack	18-9-2013 15:19	Bestandsmap
 Documentatie	10-8-2013 17:09	Bestandsmap
 FMS Invoer Verplichtingen	10-8-2013 17:10	Bestandsmap
 FMS Online Approval	10-8-2013 17:09	Bestandsmap
 License Manager	10-8-2013 17:09	Bestandsmap
 Panels	10-8-2013 17:11	Bestandsmap
 Print file server	10-8-2013 17:09	Bestandsmap
 Webviewer	18-9-2013 15:19	Bestandsmap

Extract the FMS1401004.ZIP file. Use the directories to install the applications.

## INSTALLING PTF ON IBM I

We advise you to make a back-up before loading the PTF & to install the PTF on a testing machine first.

Step	Action
1	Please backup all FMS libraries and the linked central library.
2	Load the CD-ROM containing PTF004 in the optical device, or provide a link between the image catalog and the virtual optical device.
3	<p>Log on with the QSECOFR user profile (= Security Officer).</p> <p>Make sure that there are no active users and batch jobs in FMS. Please recall the batch jobs and links via APIs. If you have FMS installed in a test environment on the same system, a selection screen will be shown. Please select the version used for loading and applying the PTF.</p> <p>No linked applications may be active which make use of the IBSNLCENV library. You can verify this by entering the command: WRKOBJLCK OBJ(IBSNLCENV) OBJTYPE(*LIB) &lt;enter&gt;.</p> <p>Ask any active users to sign off from the application or terminate all jobs.</p>
4	If you are using or working with FMS Client Reporting, you must exit the SOCKS subsystem by means of the command ENDSBS SOCKS. After you have completed this installation, you must relaunch this subsystem by means of STRSBS CONSYST/SOCKS.
5	Initiate the loading procedure by entering the command LODRUN DEV(OPTxx) <Enter> (OPTxx is the name of your CD-ROM drive).
6	Log on with the user profile FMS400 system manager (or FMS400TEST in test environment).
7	Select menu option 1 'Main menu system management' in the S0 menu.
8	Select menu option 1 'Package/PTF installation' in the S1 menu.
9	Select menu option 1 'Load PTF' in the S11 menu.
10	On the next screen, enter the name of your (virtual) CD-ROM drive and press <Enter>. Press <Enter> on the 'Load PTF libraries' screen.
11	Select menu option 2 'Apply PTF' in the S11 menu.
12	Use the 'Display PTF' menu option (menu S11-3) to check whether the PTF has been installed. The following message should be displayed: 'Cumulative PTF package 201401004 has been added'.

If the 'FMS Online Approval' module is used within your organization, you will have to install it. This enhanced module (including documentation) will be supplied on the CD as well.

## **INSTALLING/UPGRADING BASEPACK/VALUEPACK**

The Basepack folder includes the software enabling you to work with the Easy @ccess panels. The 'LegaSuite Windows Client' is a product from Rocket Seagull.

Valuepack includes the software enabling you to work with the Easy @ccess panels via a Java Client and a Java Server. For help with the installation, you are referred to the 'Support' chapter in this document.

The installation manual of the new Basepack version and the Easy @ccess panels can be downloaded from our portal at <https://my.unit4.com/Login> (Producten\Easy @ccess).

## **INSTALLING SYSTEM FILE FOR DWH MANAGER**

If you use the Datawarehouse Manager and you have a datawarehouse for FMS, you need to import the new system file into the Datawarehouse Manager, after installing this PTF. This file can be found on the 'System files' page of our portal (<https://my.unit4.com/Login>).



## INSTALLING/UPGRADING LICENSE MANAGER

The License Message Server (LMS), a product of Rocketsoft/Seagull, can automatically be installed on your system, provided TCP/IP is being used.

Step	Action
1	<p>Check the version number of your Seagull License Manager by entering the command SEALMS/WRKSEALIC on the command line of your server (IBM i). You will find the version number at the top right of your screen, behind the 'Work with SEAGULL licenses' text (see figure 1).</p> <p>Pursue this procedure if the version number of your license manager is lower than the license manager that is being delivered with the PTF.</p>
2	<p>Exit LMS by entering the command SEALMS/ENDLMSTCP on the command line of your server (IBM i).</p>
3	<p>Launch the 'Setup.exe' program in the <b>License Manager</b> folder (temporary files are being written to the C drive by the installation program).</p>
4	<p>Follow the directions on the screen. Select 'Automatic installation'. Use the IP address or name of your server (TCP/IP address). Use the QSECOFR profile on your server (see figure 2 and 3).</p>
5	<p>Start LMS by entering the command SEALMS/STRLMSTCP on the command line of your server (IBM i). Seagull LMS has now been installed.</p>

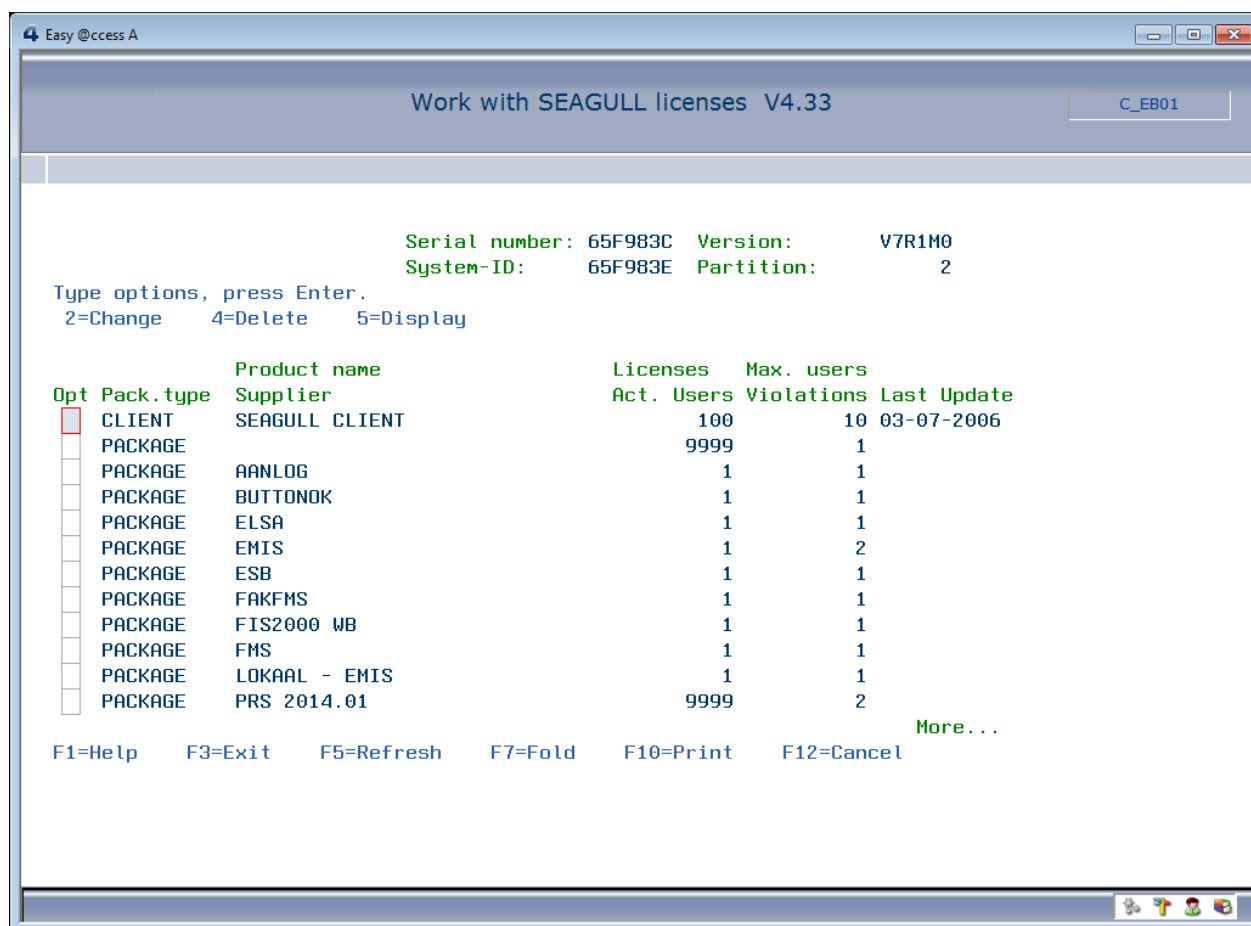


Figure 1. Check version number

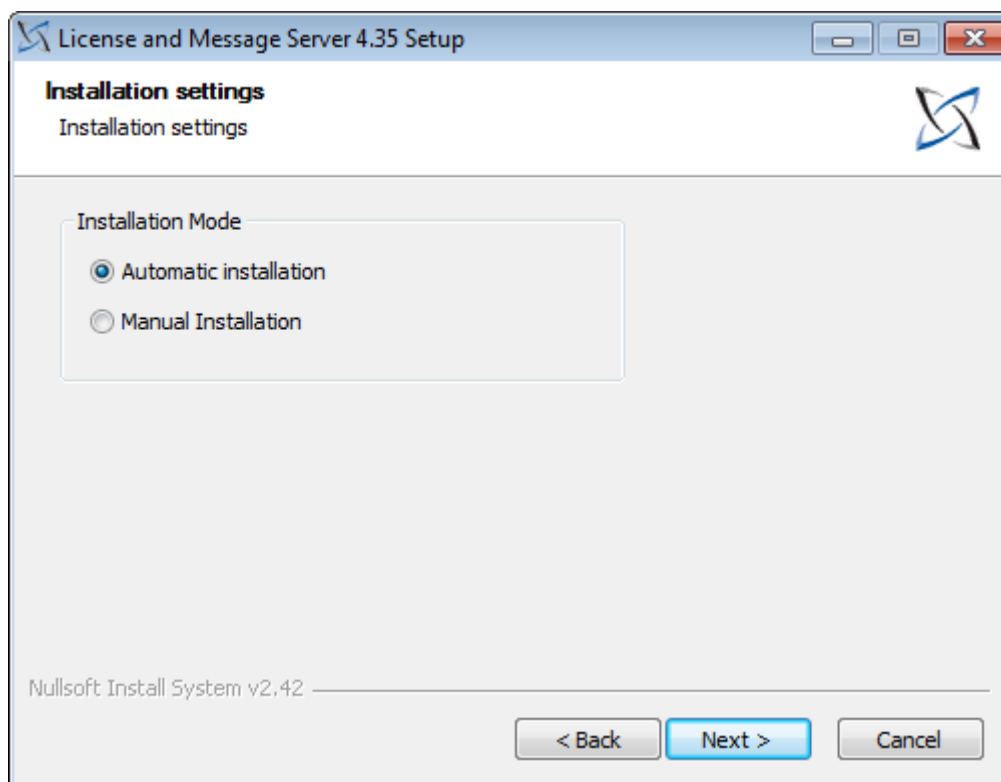
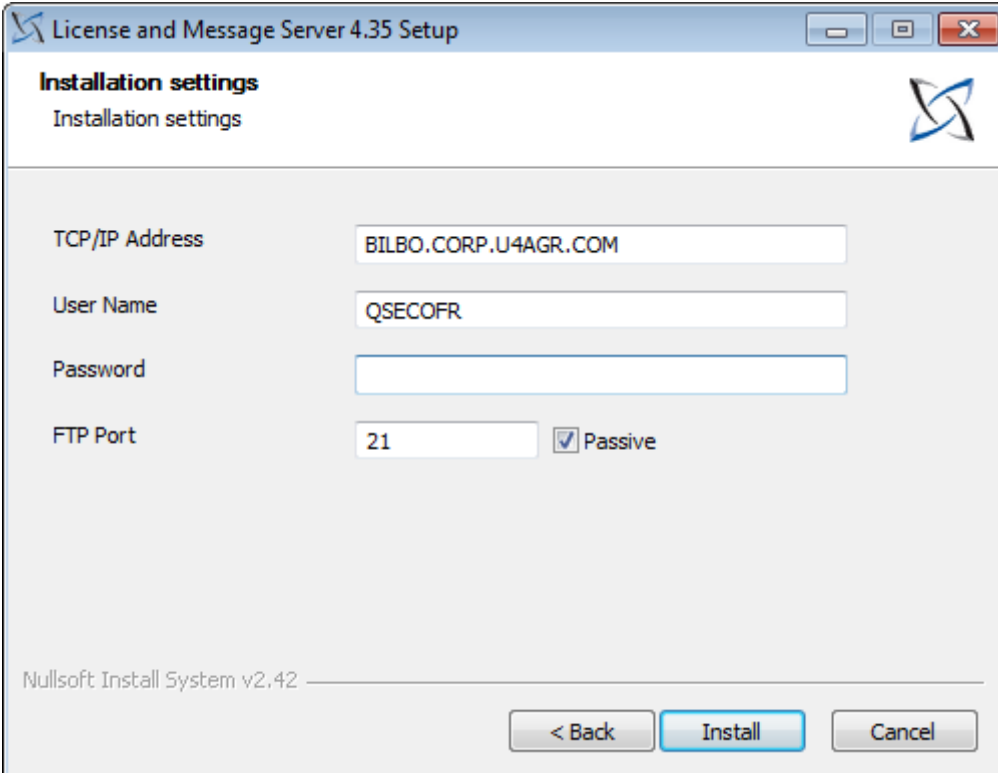


Figure 2. Select 'Automatic installation'



The image shows a Windows-style dialog box titled "License and Message Server 4.35 Setup". The window has a standard title bar with minimize, maximize, and close buttons. Below the title bar, the text "Installation settings" is displayed. The main area of the window contains four input fields: "TCP/IP Address" with the value "BILBO.CORP.U4AGR.COM", "User Name" with the value "QSECOFR", "Password" (empty), and "FTP Port" with the value "21". To the right of the "FTP Port" field is a checked checkbox labeled "Passive". At the bottom of the window, there is a status bar that reads "Nullsoft Install System v2.42". Below the status bar are three buttons: "< Back", "Install", and "Cancel".

License and Message Server 4.35 Setup

Installation settings

TCP/IP Address: BILBO.CORP.U4AGR.COM

User Name: QSECOFR

Password:

FTP Port: 21 ☒ Passive

Nullsoft Install System v2.42

< Back Install Cancel

Figure 3. Record IP address

## USING PRINT FILE SERVER

To print spool files directly on a local or network printer, the OS/400 panel set has been extended with the 'Client print' option (on the panels used for working with spool files). This option does not require the configuration of a printer on the IBM i.

If a user has limited access possibilities and wants to make use of the 'Client print' option, additional software must be installed on the IBM i. This software can be found in the 'Print File Server\disk1\' directory. You must start the 'Setup.exe' program from this location.

The installation procedure is similar to that of the License Manager. After installation, the SEAPFS library, containing several small programs, will be created on the IBM i, enabling the 'Client print' option to make use of the software in this library. If the library has not been installed, the option performs IBM i commands in the background (i.e. commands for which a user with limited access is not authorised).

If you deal with users that have been granted limited access, you must verify whether the SEAPFS library has been installed. You do not have to take any further action.

## SUPPORT

In order to guarantee the continuity of your company results, UNIT4 Business Software supplies various types of support. What to do if you want to make use of these facilities?

For a problem involving UNIT4 standard software, you are requested to contact the Service Desk via our portal (<https://my.unit4.com>). Upon logging on, your data will be made known to us. A concise problem description suffices to tackle your problem (within opening hours).

Support during the installation and/or implementation of UNIT4 software products is available on request. You are requested to timely contact our Project Office, preferably two weeks before the installation. This type of support can be given at any time (during/after business hours), on location or by phone. For this type of support fixed tariffs apply. You can reach the Project Office by phone **+31.88.2471434**.

You can also get into contact with the Project Office, should you require additional information on other types of support, such as training and advice.