FMS

Loading instructions

Release-Upgrade 2014.01

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INTRODUCTION

> ***Before you start the installation, always read the document: "Important information regarding the installation of 2014.01 releases" that can be found on the newspage on our portal.***

FMS also had interface with the other applications of UNIT4 Business Software. Together with this FMS Release 2014.01 also 2014.01 release of other applications of UNIT4 BS are avialable.

> ***When using multiple products of UNIT4 Business Software and you want to apply a change to FMS 2014.01 release, you will need to install 2014.01 release of UNIT4 Business for all other products (for example FAKFMS etc)***
>
> ***We advise you to make a back-up before loading the release & to install the release on a testing machine first.***

Support IBM i software

This release can only be loaded on OS400 V6R1M0 or higher. Active support for older releases will be discontinued. Should you still work with an older release (e.g. V5R4M0), we advise you urgently to purchase a new release as soon as possible. In return you will be given full support. Those who have purchased an IBM Software Maintenance Agreement, are able to acquire the most recent release without any further charges.

PREPARATIONS FMS RELEASE-UPGRADE 2014.01

Before installing this release, you must always verify on https://my.unit4.com whether there are any significant installation details.

> ### *We advise you to make a back-up before loading the release & to install the release on a testing machine first.*

*B*efore you install the new release, you must go through the following steps and, where relevant, execute the specified commands.

Step	Action
1	The download contains the upgrade version of FMS 2014.01. You can only use it, if at least FMS Release 8.01 has already been installed on your system. The upgrade version of FMS 2014.01 also contains the English and German language modules. These will automatically be installed during the upgrade installation, when applicable.
2	Make sure you set aside enough time for the installation procedure.
3	Define the following system values: • The value specified for 'Action in the case of full job message queue' (QJOBMSGQFL) must be *WRAP. This means that when the job message queue is full, the oldest data in the queue are overwritten. • The 'Maximum amount of data in job message queue' (QJOBMSGQMX) is equal to 64 MB. • The 'Initial size job message queue' (QJOBMSGQSZ) must be at least 16000 KB. • The 'Maximum initial size job message queue' (QJOBMSGQTL) must be at least 16000 KB. When you use these system values, you ensure that the job log does not fill up and cause the installation procedure to be aborted during the upgrade installation. • The value specified for 'Allow Restore of Security-Sensitive Objects' (QALWOBJRST) must be *ALL or *ALWPGMADP. This indicates whether programs and service programs which have been granted temporary authority, can be restored. You use the WRKSYSVAL command to define these system values. On the 'Work with system values' screen, type the QJOBMSGQ value in the 'Search for' field and then press <Enter>. The above-mentioned system values are displayed on the sequel screen. You can use option 2 (= Modify) to enter or adapt the relevant values. After adapting these system values, you must always log off and log on again, since the new values will not apply to the current job.
4	Install alwasy the most recent PTF of FMS release 2014.01, which can also be downloaded from our portal.

UPLOADING FMS RELEASE UPGRADE 2014.01 TO IBM I

This release upgrade of FMS 2014.01 can be downloaded from the Customer Portal of UNIT4 (https://my.unit4.com/Login).

It consists of the FMS1401000.ISO file. This file contains all IBM i software. You can decide to burn the downloaded file to a CD and to insert this CD into the optical device of your IBM i. Please continue with the 'Installing FMS Release Upgrade 2014.01' chapter.

You can also store this downloaded file 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.	**Create a Virtual Optical Device** using: CRTDEVOPT DEVD(OPTVRT01) RSRCNAME(*VRT) TEXT('Virtual Optical OPTVRT01') <enter>. Put the virtual optical device online using: VRYCFG CFGOBJ(OPTVRT01) CFGTYPE(*DEV) STATUS(*ON) <enter>. Create a directory for image catalogs using: MD DIR('/imgclg') <enter>. Create a scratch directory for the Release/PTFs of FMS using: MD DIR('/imgclg/work') <enter>. 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) <enter>.
2.	**Upload to IBM i** 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). Enter the following commands in the command prompt of Windows (cmd.exe) and go to the PC directory to which you have downloaded the FMS Upgrade image. Now enter the following commands: - ftp IBM i name (logical name or IP number). You then need to log on with QSECOFR and password. - quote site namefmt 1 <enter> - cd /imgclg/work <enter> - bin <enter> - put FMS1401000.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\FMS1401000\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 fms1401000.iso
200 PORT subcommand request successful.
150 Sending file to /imgclg/work/FMS1401000.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 FMS release upgrade using: CRTIMGCLG IMGCLG(FMS1401000) DIR('/imgclg/FMS1401000') TYPE(*OPT) CRTDIR(*YES) TEXT('FMS201401') <enter>. Add the FMS ISO file to the created image catalog using the command: ADDIMGCLGE IMGCLG(FMS1401000) FROMFILE('/imgclg/work/FMS1401000.ISO') <enter>. Link the image catalog to the virtual optical device using the command: LODIMGCLG IMGCLG(FMS1401000) DEV(OPTVRT01) OPTION(*LOAD) <enter>. The image catalog can now be used to load the upgrade. The corresponding procedure is described in the installation section. The OPT01 string, where referred to in the description, must be replaced by the string OPTVRT01.
4.	**Delete contents of Image Catalog** After installing the Release Upgrade, you can delete the contents of the image catalog. Unlink image catalog from the virtual optical device using: LODIMGCLG IMGCLG(FMS1401000) DEV(OPTVRT01) OPTION(*UNLOAD) <enter>. Delete the image catalog entry using: DLTIMGCLG IMGCLG(FMS1401000) KEEP(*NO) <enter>. Delete the ISO file from the scratch directory using: RMVLNK OBJLNK('/imgclg/work/FMS1401000.iso') <enter>.

INSTALLATION FMS RELEASE-UPGRADE 2014.01

The following is a step-by-step summary of the loading procedure.

Step	Action
1	The release-upgrade must be loaded from an Image Catalog (virtual optical device). The release-upgrade can also be performed using a burned CD-ROM.
2	Log on with the user profile QSECOFR (= Security Officer).
3	Make sure that there are no active users and batch jobs in FMS. Please recall the batch jobs and links via APIs.
4	If you are using or working with FMS Client Reporting, you must exit the subsystem SOCKS by means of the command: ENDSBS SBS(SOCKS) OPTION(*IMMED). After you have completed this installation, you must relaunch this subsystem by entering the command: STRSBS CONSYST/SOCKS.
5	Enter the command LODRUN DEV(OPTxx) <Enter> (OPTxx is the name of your CD-ROM or virtual optical device; e.g. OPTVRT01).
6	Select the Production or Test version. This step is only of interest, if two FMS-versions share the same system. You can update the test or productionversion only when no users or jobs are active in both versions !

```
@FEXSRR        Kies versie / Choose version     Kiezen   QSECOFR    13/08/07
                                                         QPADEV002B 13:36:20


 Kies optie, druk op <ENTER> / Choose option, press <ENTER>
 1=Selecteren/Select

    Versie/Version             Release-PTF
         1        Production   R08M01032
 1       2        Test         R08M00000


 F3=Installatie afbreken/abort installation
```

Figure 1. Select Production or Test version

Step	Action
7	Select the installation language, if the 'Select language code' screen appears. If in the past you had already installed a language module on your system, you can now no longer select an installation language module. Messages are displayed in English.

```
@FHLDFI              Select language code            QSECOFR    13/08/07
              UNIT4 Consist                          QPADEV002B 13:37:14


      Language   Country   Language code
      code       code      description


 Make selection, press enter
 1=Select

      de         DE        Deutsch - DEUTSCHLAND
      en         GB        English - UNITED KINGDOM
 1    nl         NL        Nederlands - NEDERLANDS




 F3=Exit
```

Figure 2. Select language

Step	Action
8	The upgrade procedure is started. Messages inform you about the installation status.

```
MAIN                          OS/400 Main Menu
                                                        System:    FRED
 Select one of the following:

       1. User tasks
       2. Office tasks
       3. General system tasks
       4. Files, libraries, and folders
       5. Programming
       6. Communications
       7. Define or change the system
       8. Problem handling
       9. Display a menu
      10. Information Assistant options
      11. iSeries Access tasks

      90. Sign off

 Selection or command
 ===>


 F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel   F13=Information Assistant
 F23=Set initial menu
 FMS 2014.01 had been loaded. Give the command SIGNOFF LOG(*LIST) before
 you load the PTF.
```

Figure 3. End of installation procedure

Step	Action
9	Log off with the command SIGNOFF *LIST. Preserve the job log for some time. Now always load the most recent PTF for FMS Release 2014.01. This can be downloaded from our portal at https://my.unit4.com/Login. Its installation procedure is described in the loading instructions of the corresponding PTF. You cannot work with a release for which you have not installed a single PTF.

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 **+31.88.2471835**.

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.