

Infor XA R10 Translation Guide

(SH94555)

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Publication Information

Release: Infor XA Release 10

Publication date: December 5, 2024

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Detailed server translation instructions

Overview of XA R10 translations

This section explains how to translate an Infor XA Release 10 PTF 00001 US/English environment. This document will be updated periodically with the latest information; ensure you have the latest version before proceeding.

Infor XA R10 server translations provide for the conversion of the character-based interface and client interface elements from US/English to another language. Full translations are provided for Release 10, and do not require any earlier Release 9.x translations.

Language availability

As of 18 February 2022, Infor XA R10 translation availability is as noted below. Translations will be available for download from the Download Center as they are completed. These products provide the full translation at Release 10; no previous translations are required to install them.

Language	Language ID	PTF Number	Availability
Czech	CSK	SH16242	Not planned
French	FRA	SH16233	Available now
French MNCS	FRS	SH16234	Available now
German	DEU	SH16235	Available now
German MNCS	DES	SH16236	Available now
Italian	ITA	SH16241	Available now
Japanese	JPN	SH16245	Available now
Polish	POL	SH16240	Not planned
Portuguese	PTB	SH16238	Not planned
Simplified Chinese	CHS	SH16244	Available now
Spanish	ESP	SH16237	Available now
Swedish	SVE	SH16239	Not planned

Language	Language ID	PTF Number	Availability
Turkish	TRK	SH16243	Not planned

US/English Service Packs and Initial Install

Translations should be installed after the appropriate Release 10 Initial Install or Service Pack.

Package	Description
SH16231	R10 Service Pack Upgrade from R9.2.2.2
SH16227	R10 Install for Infor XA SBCS PTF 00100
SH16228	R10 Install for Infor XA DBCS PTF 00100

Updating a previously translated environment

Upon applying the Service Pack for XA 10 PTF 00001 to a previously translated environment, Release 10 translations must be applied.

Note: Applying the Service Pack to a translated environment without subsequently installing the corresponding translations may result in significant issues in the operation of Infor XA.

Prior to applying the Service Pack, refer to <u>Language availability</u> to determine translation availability for all languages installed in the environment. If any required XA R10 translations are unavailable, do not apply the Service Pack. If all XA R10 translations are available, they must be installed after applying the Service Pack, and before utilizing the environment.

Translation methods

Two translation methods are supported: a multi-language setup that provides for using multiple languages in conjunction with a US/English environment and a single language replacement of US/English environment elements with translated counterparts.

Enhanced multi-language environments (Recommended)

We recommend implementing translations through the enhanced multi-language method. The enhanced multi-language method is required for use with IDF Level 1.

Beginning with Infor XA Release 7.8, an enhanced approach to multiple languages has been fully integrated into the environment. The multi-language environment "overlay" method creates libraries

for each language with translated display files, printer files, panel groups and message files, and populates translation dictionaries natively integrated into the Infor XA database. Once a language is installed, its use within the US/English environment is determined on a per user basis, determined by the language value defined in Work with XA User Profiles. Upon entering Infor XA, the library list is automatically adjusted to use the specified language's overlay library, and translated text is dynamically accessed from the database in place of the base US/English text.

Multilanguage environment restrictions

While the enhanced multi-language approach relieves most limitations of the earlier implementation, a few database files remain in the language's overlay library.

File	Comment
HKTSKD	Housekeeping Task Definition
IGGAM	EGL Available Macros
IGGBE	EGL Business Event Process
IGGEO	EGL Event Origin Cross-Reference
IGGLT	EGL Macro Line Type
IGGSU	EGL Subsystem Origin X-Reference
IGIAT	EGL Attribute Descriptions
IGIOB	EGL Object Names
IGZSR	EGL Reason Code Subsystem Relationships
IGZZR	EGL Reason codes
ISOCID	ISO Currencies
ISOCTY	ISO Countries
ISOUOM	ISO Units of Measure
MBVLLSP	No user-modifiable data; used too extensively to implement dynamic retrieval.
MIGTRL	Migration Translations
NLSTXT	No user-modifiable data; used too extensively to implement to dynamic retrieval.
OPP06	CRM Event Type
OPP09	CRM Activity Type
OPP12	CRM Source Activity
OPP2C	CRM Incident Type
OPP22	CRM Op Department

File	Comment
OPP27	CRM Response Type
OPP28	CRM Response Sub-type
OPP3C	CRM Incident Status
OPP47	CRM Role
OPP48	CRM State
OPP52	CRM Account Class
OPP54	CRM Suffix
OPP56	CRM Status Reason
OPP59	CRM Period Type
OPP63	CRM Employee Numbers
OPP64	CRM Turnover Code
OPP80	CRM Country Code
OPP81	CRM Marketing Region
OPP82	CRM Marketing Business Types
OPP83	CRM Marketing Vertical Market
OPP84	CRM Introduction Source
OPP85	CRM Title
OPP89	CRM Organization Unit Type
OPP90	CRM Job Title
OPP91	CRM Profession
OPP97	CRM Mailing Category
PLORECC	No translated fields; placed in overlay library to preserve database relations with PLORXWF.
PLORECD	No translated fields; placed in overlay library to preserve database relations with PLORXWF.
PLOREHA	User modifiable (through help text creation or association); this file is changed when adding help or help associations. See PLOREHT.
PLOREHT	User modifiable (MUI help text); to maintain consistency between languages, modifications must be done for all language environments.
PLORERM	No user-modifiable data.
PLORETH	No user-modifiable data.

File	Comment
PLORETW	No user-modifiable data.
PLOREUF	No translated fields; placed in overlay library to preserve database relations with PLORXWF.
PLORXWD	User-modifiable (through window definition creation or association); this file is changed when adding prompts or prompts associations. See PLORXWF.
PLORXWF	User-modifiable (MUI field prompt); to maintain consistency between languages, modifications must be done for all language environments.
WSAPPO	Workspace Application Export Overrides
YAVLLSP	No user-modifiable data; used too extensively to implement dynamic retrieval.

Multilanguage environment untranslated files

For some files with limited impact, dynamic retrieval could not be implemented. For enhanced multi-language environments, these remain untranslated in the database file library (AMFLIBy).

File	Comment
EISMST	Not translated for multi-language environments; used only in EIS.
GRPTMP	Not translated for multi-language environments; used only in FCST.
PLCPRF	Not translated for multi-language environments; used only in FCST.

Single language environments

The single language environment method provides for applying a translation for selected applications or for the entirety of installed applications. The environment can be either US/English, or one previously translated to the same language. For those applications selected, US/English elements within the environment are replaced with translated counterparts.

Instructions

Note: Corrections to Infor XA R10 PTF 00001 translations will be provided through XA R10 PTF 00001 Translation Fixes PTF (SH94620), if there are any corrections required. Check to see if this PTF is available and if so, download and restore this PTF before installing a translation to ensure the most recent corrections are utilized.

This topic contains instructions for installing Infor XA R10 PTF 00001 translations. This topic has seven steps:

- Step 1. Load and Run Translation
- Step 2. Multilanguage: Additional selections
- Step 3. Single-language: Load Translation application libraries
- Step 4. Single-language: Apply translation application libraries after suspension/retailoring
- Step 5. Single-language: Select an environment to translate
- Step 6. Single-language: Select applications
- Step 7. Single-language: Delete the translate libraries

When installing a translation, ensure that:

- You are signed on as AMAPICS.
- No one is in the environment to be translated, and no job queue jobs are running for that environment.
- No one is signed on into any environments sharing an application program library (AMALIBx) with the environment receiving translations, and no job queue jobs are running for these shared library environments.

Note: If the environment designator's first character for two or more environments are the same, the environments share the program library.

 You have recent backup copies of program libraries and master files for all environments that are being translated. Use option 1 and 3 on the Cross Application Support Back Up/Recover/Reorganize menu (AMZM40). Refer to "Chapter 13" of the Cross Application Support User's Guide for more information on backing up the environments.

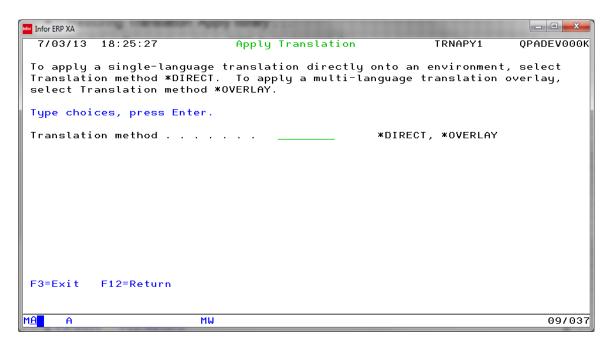
For translation of a single language environment, if the translation application libraries have been previously loaded and retained, begin with Step 3 to apply the translations; otherwise, begin with Step 1 to load and run a translation. In these steps, the French translation is used as an example.

Step 1. Load and Run Translation

1 With the media loaded (using device OPTVRT01 as an example; see "Using downloaded media" on page 26 for more information on using ISO images), initiate the translation.

LODRUN DEV (OPTVRT01)

- Apply Translation status (TRNAPY0) is displayed with the following sequence of messages:
 - Restoring Translation library . . .
 - Applying Translation fixes PTF SH946206A0 for translation library . . .
- Apply Translation method selection (TRNAPY1) is displayed:



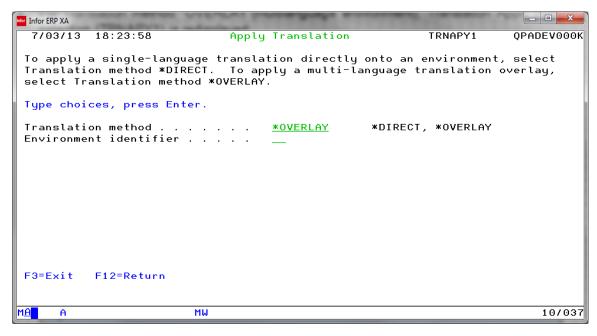
Translation Method

To apply the translation to a US/English environment as one of possibly multiple alternate languages, configurable on a user-by-user basis, select *OVERLAY and press Enter. To apply the translation to a US/English environment as a single language replacement of translated elements, select *DIRECT and press Enter

2 Select the Translation method and press **Enter**. For Translation method *OVERLAY (multi-language environment), continue with <u>Step 2</u>; for Translation method *DIRECT (single-language environment), proceed to <u>Step 3</u>.

Step 2. Multilanguage: Additional selections

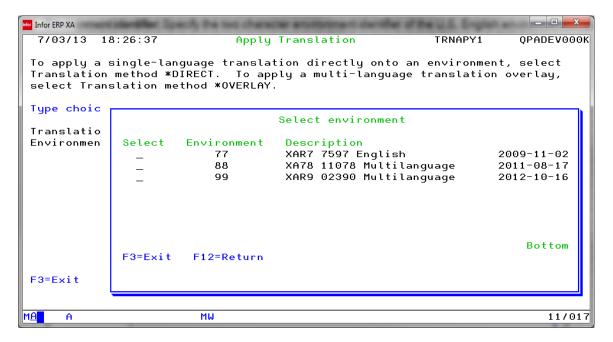
1 For Translation method *OVERLAY (multi-language environment), Apply Translation method selection (TRNAPY1) displays:



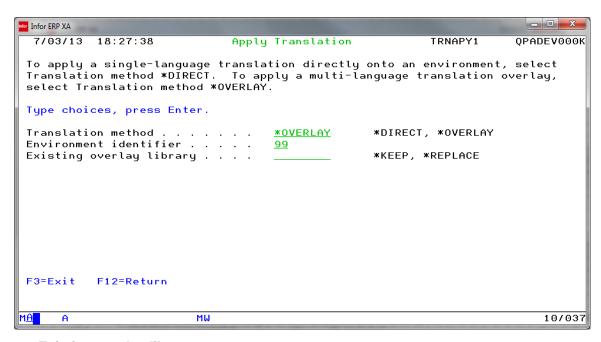
Environment identifier

Specify the two-character environment identifier of the US/English environment to apply the translation to as a multi-language environment.

2 Select the **Environment identifier** and **Translated displays** option, and press **Enter**. A prompt window is provided for a blank or invalid entry:



3 If the multi-language environment has already had this language applied, the Apply Translation method selection (TRNAPY1) is displayed again:



Existing overlay library

To keep the existing overlay library (while refreshing the translation dictionary files in the Infor XA database), select *KEEP and press Enter. To delete the language's existing overlay library for the multilanguage environment and reload the overlay library, select *REPLACE and press Enter. For environments translated at a previous level, always select *REPLACE.

- 4 Translation for multi-language environments proceeds; the Apply Translation status (TRNAPY3) is displayed with the following sequence of statuses (using French as an example):
 - Restoring French database translation dictionary library DCT97323F
 - Applying Translation fixes PTF SH946206A0 for translation dictionaries
 - Applying French database translation dictionaries
 - Restoring French overlay library AMOFRAx1
 - Restoring French overlay library AMOFRAx2
 - Applying Translation fixes PTF SH946206A0 for overlay library
 - Deleting Translation library
 - Translation for environment xy has completed successfully. Press Enter.

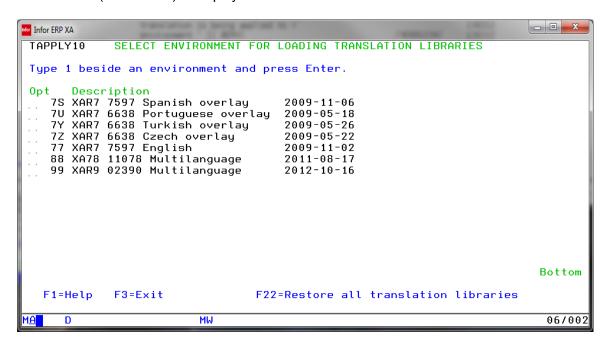
The overlay library messages are not displayed when Existing overlay library *KEEP is specified.

5 The multi-language environment translation is complete. See "Defining a user's preferred language" on page 19.

The remaining steps, <u>Step 3</u> through <u>Step 7</u>, relate only to the single-language translation, translation method *DIRECT.

Step 3. Single-language: Load Translation application libraries

1 For a single language environment translation, Select Environment for Loading Translation Libraries (TAPPLY10) is displayed.



Opt

To select the environment, type 1 in the Opt (option) field.

- 2 Either select the environment for which you want to load the translated application libraries for all installed modules, or load all translated application libraries.
 - Press Enter to load translated application libraries for all modules installed in the selected environment.
 - Select **F22** (Restore all translation libraries) to load all translated application libraries, without regard to the modules you have installed in the environment to be translated.
- 3 When the load completes, continue with Step 5.

Step 4 is required only if you chose to suspend the translation after loading.

Step 4. Single-language: Apply translation application libraries after suspension/retailoring

If the translation is suspended by pressing **F3** (exit) on Select Environment for Applying Translation Libraries (TAPPLY2), or if database files require re-translation, use the command TRNAPPLY to resume the translation without restoring the translated application libraries.

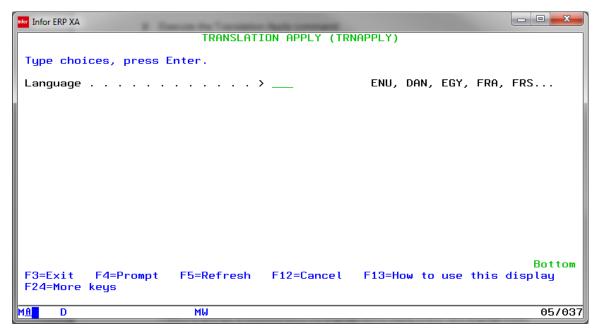
1 Add the TRANSLATE library to the library list:

```
ADDLIBLE LIB (TRANSLATE)
```

2 Execute the Translation Apply command and press F4.

TRNAPPLY

The Translation Apply (TRNAPPLY) prompt appears:



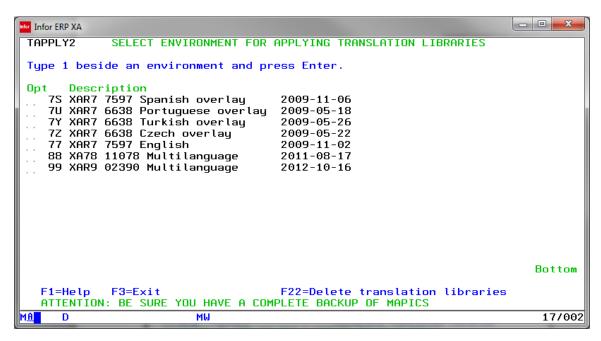
Language

Select the three-character language code for the translation you are applying, and press **Enter**. Press **F4** (prompt) while positioned on the language field to display a list of valid language codes.

3 When you press **Enter**, continue with <u>Step 5</u>.

Step 5. Single-language: Select an environment to translate

Select Environment for Applying Translations Libraries (TAPPLY2) prompts for the environment to apply translations to. All XA environments identified in QGPL/MMLIST are displayed. Only one environment can be selected at a time.



Opt

To select the environment, specify 1 in the **Opt** (option) field.

Perform one of these actions:

- Select an option in the Opt field and press Enter; continue with Step 6.
- Select **F3** (exit) to return to the command line without completing the action. When ready to resume, restart the Translation Apply at <u>Step 4</u>.
- Select **F22** (delete translation libraries) to delete the application translation libraries and the Translation Apply library (TRANSLATE) from the system.

Step 6. Single-language: Select applications

Translation Apply checks that the translated application libraries restored from the media are at the same level as those from the installed XA environment. The translated application library name is composed from the application identifier, release, and PTF level (for example, M7X97323, where 7323 is a placeholder for the actual PTF level 00001). Application Selection (TAPPL03) is displayed with the translation apply eligibility status for all applications installed. For applications that cannot be applied, a message is issued with the reason.

```
Infor ERP XA
                                                                         _ D X
                        APPLICATION SELECTION
 TAPPL03
 ENVIRONMENT. .: 22
 Type option, press Enter. 1 = Apply both translated objects and data files
                           2 = Apply translated objects only
                           3 = Apply translated data files only
    BASE INSTALLED. TRANS APPLIED.
 Opt Cde V/Rl/Ptf
                    Lng/Rl/Ptf
                                Message
     M8Z 2 09 3037
                    *NONE
                                Translation not available
     M73 2 09 3037
                    *NONE
                                Translation not available
     M74 2 09 3037
                    *NONE
                                Translation not available
     M77 2 09 3037
                    *NONE
                                Translation not available
                    FRA 09 3037 Already applied, using M8R93037
     M8R 2 09 3037
                    FRA 09 3037 Already applied, using M7G93037
     M7G 2 09 3037
     CAM 2 09 3037
                    *NONE
                                Translation not available
                    FRA 09 3037 Already applied, using M7X93037
     M7X 2 09 3037
                    FRA 09 3037 Already applied, using M7993037
     M79 2 09 3037
                    FRA 09 3037 Already applied, using M8093037
     M80 2 09 3037
    M7U 2 09 3037
                    *NONE
                                Translation not available
                                                                         More...
                                      F12=Return
 ATTENTION: BE SURE YOU HAVE A COMPLETE BACKUP OF MAPICS
M<u>A</u> A
                                                                            15/002
```

Opt

To apply the translation to an application, select an option for each application. Select option 1 to apply the complete translation upon database files, screens, reports, messages, and help text; select option 2 to apply translation only upon screens, reports, messages, and help text; select option 3 to apply translation only upon database files.

Select one of these actions:

• To complete the translation, specify the option number you want to use in the **Opt** (apply option) field for one or more applications, and press **Enter**; continue with <u>Step 7</u>.

Note: If Auto-TRNAPPLY is turned off (see "Deactivating/Reactivating Auto-TRNAPPLY" on page 18), use option 3 to manually reapply translations to database files after Install/Tailor Applications is run, or any time database files need to be retranslated (for example, when PTF processes merge files from AMXLIBx).

• If any problems exist, press **F12** (return) to return to Select Environment for Applying Translations Libraries (TAPPLY2); go to Step 5.

On TAPPLY2, select **F3** to suspend Translation Apply and get the correct PTFs for the applications that are not eligible for translation. Translated application libraries do not need to be loaded again.

Step 7. Single-language: Delete the translate libraries

When the Translate Apply is complete, use **F12**=Return to return to Select Environment for Applying Translations Libraries (TAPPLY2); go to <u>Step 5</u>.

Note: If you have no other environments to apply a translation to, select **F22** on TAPPLY2 to delete the translate libraries, including the TRANSLATE library, from the system.

The single language environment translation is complete.

Single language: deactivating/reactivating auto-TRNAPPLY

After re-tailoring, TRNAPPLY is run automatically to re-translate the TDFs. However, you might want to deactivate this function for testing purposes. To do this, issue this command:

```
CHGDTAARA DTAARA (AMALIBx/TAAUTO) VALUE ('0')
```

To reactivate this function, issue this command:

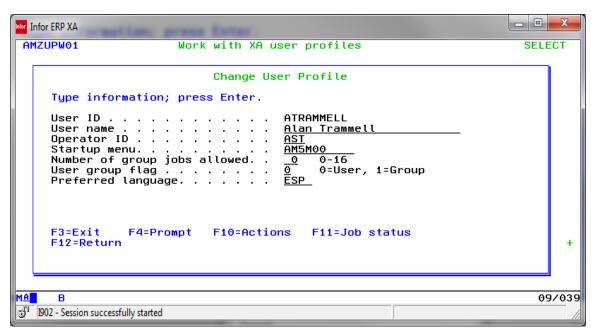
```
CHGDTAARA DTAARA (AMALIBx/TAAUTO) VALUE ('1')
```

The automatic re-translation after re-tailoring also creates a spool file TAAUTORP with a log of the re-translation process. After re-tailoring, you should check this report for errors.

Translation for multi-language environments is unaffected by tailoring, and does not require additional action.

Defining a user's preferred language

In a multi-language environment, a single US/English environment exists in conjunction with one or more language overlay libraries to allow users to utilize any language applied to the environment. The language selected for each user is controlled by the preferred language value defined in **Work with XA User Profiles**.



If the current user has a preferred language specified, and that language has been applied to the environment, all translated elements of the environment will be shown in that language. The environment defaults to US/English if the user's preferred language has not been applied to the environment, or if a preferred language has not been specified.

Translated client enablement

This section explains how to translate an Infor XA Release 10 US/English client environment. It will be updated periodically with the latest information; please ensure you have the current version before proceeding.

The Translated Client Enablement for Infor XA allows for the translation of the client-based Infor XA interface. Some aspects of the client translations derive from the server-based translation so you should install and execute the server Translation Apply for the selected language prior to executing this function. Release 10 introduces the use of electronic disc images for delivery and installation of the Translated Client Enablement.

Power-Link & Net-Link

Activating Power-Link & Net-Link translations and enabling help: Download these PTFs from the Infor Product Download Center. If already applied for any level of Release 9, no further R10.0-specific update is required.

Language	PTF Number	Comment
Czech	SH94209.6A0	English help only
Dutch	SH94630.6A0	English help only
French	SH80628.6A0	English help only
German	SH80629.6A0	English help only
Italian	SH93269.6A0	English help only
Japanese	SH80494.6A0	English help only
Polish	SH93268.6A0	English help only
Portuguese	SH80630.6A0	English help only
Simplified Chinese	SH80495.6A0	English help only
Spanish	SH80492.6A0	English help only
Swedish		Not planned
Turkish		Not planned

Installation Instructions

Prior to installing this feature, ensure that you have installed both the Release 10 XA Base Client Install (SH16248) and the latest Release 10 client fixes (SH16214) from Infor Support Portal.

Installing the Translated Client Enablement feature is very simple. Download the CD image, or order a physical CD, from the Infor Product Download Center. Load the CD or image and run the following command:

LODRUN DEV(DeviceName)

For instructions on utilizing the downloaded CD images using virtual media, see "Using downloaded media" on page 26.

After applying the Client Enablement feature (or if this feature has been previously installed in your environment), please download and install the most recent Client translation updates (SH16216) from the Infor Support Portal.

Infor XA R10 Server translation issues

This section lists, by language, all known problems and possibly, their solution. It is divided into a general section, which lists problems pertinent to all languages, and into multiple language-specific sections. Each entry has the date specified when it was added or updated.

Note: Unless otherwise noted, the mentioned PTFs should be applied after the translation has been installed.

If you have any problems or questions, contact your designated Support Affiliate.

This document is updated as soon as any new problems are identified. It should be downloaded and read regularly.

All languages

Infor XA R10 Translation Fixes (SH94620)

28 September 2021

Download and restore SH94620 before installing a translation to receive updates to the installation process and the translation. The translation will not proceed without this restored library in place. Refer to the PTF cover letter for instructions.

Language-specific information

Czech

Translation is currently unavailable.

Dutch

The translation of the client UI into Dutch is Completed. There is currently no plan to translate the server into Dutch.

French

Problem: For Release 10 Display File YASEPVRD Had Restore Display (RSTDSP =*NO) Set to No.

FIX: PTF SH946236A0 replaces the Restore Display for Display File YASEPVRD Will set to Yes

RSTDSP = *YES

Solution: Download and apply SH94623.6A0

Problem: For Release 10 PTF 00001 French environments, the COM Conditions file (MBVLLSP)

is missing records, Resulting blanks in AMBM68 option 2 and AMZM3E option 1.

FIX: PTF SH946246A0 corrects these blanks and Update with correct records.

Solution: Download and apply SH94624.6A0

French MNCS

There are no additional fixes at this time.

German

There are no additional fixes at this time.

German MNCS

Problem: For Release 10 PTF 00001 German MNCS environments, the COM Conditions file (MBVLLSP) is missing records, Resulting blanks in AMBM68 option 2 and AMZM3E option 1.

FIX: PTF SH946256A0 corrects these blanks and Update with correct records.

Solution: Download and apply SH94625.6A0

Italian

There are no additional fixes at this time.

Japanese

There are no additional fixes at this time.

Polish

Translation is currently unavailable.

Portuguese

Translation is currently unavailable.

Simplified Chinese

Problem:

For Release 10 PTF 00001 Simplified Chinese environments, some of the messages in Message files AXSMSGF, AMVMSGF, IDFMSGF, MBMESSGE, MESSGE, AXTMSGF, AMUMSGF, IXUMSGF were not translated. Additionally, the PTF number and Version in the aaaTRN data areas were incorrectly updated with 00003 and 2.

Fix:

This PTF SH946213A0 replaces the untranslated messages with translated messages in the referenced message files and replaces the PTF number and version in the aaaTRN data areas using 00001 and 3, respectively.

Solution:

Download and apply SH94621.3A0

Spanish

There are no additional fixes at this time.

Swedish

Translation is currently unavailable.

Turkish

Translation is currently unavailable.

Using downloaded media

This section contains instructions for using ISO images on the IBM i.

ISO images

The Infor Product Download Center provides electronic disc images you can use to install or update Infor XA. Using publicly available software, you can burn the images to create install discs, or you can transfer the images to a computer and mount them as a virtual device. For information about how to use disc images, see "Using ISO CD Images" section on the Infor Product Download Center.

You may want to consider using a download utility to reduce download times such as Download Manager (www.freedownloadmanager.org).

Handling virtual media

These four steps demonstrate using an image to load an XA Release 10 translation as virtual media on your IBM i, transfer the media data to a virtual image catalog, and loading the virtual image:

- Step 1: Create the virtual device and catalog
- Step 2: Copy the virtual image to the image catalog directory
- Step 3: Add the virtual image to the image catalog
- Step 4: Load the virtual image

These steps include command examples that refer to the Infor XA Release 10 PTF 00001 French translation (SH16233).

Step 1: Create the virtual device and catalog

1 Create a virtual device description, if one does not already exist.

CRTDEVOPT DEVD(OPTVRT01) RSRCNAME(*VRT)

Note: A virtual device can be recognized by its device type 632B.

2 Vary on the device description if necessary.

```
VRYCFG CFGOBJ(OPTVRT01) CFGTYPE(*DEV) STATUS(*ON)
```

3 Create an image catalog and an IFS directory to store the images, if they do not already exist.

```
CRTIMGCLG IMGCLG(PCMS) DIR('/PCMimages') CRTDIR(*YES)
```

Note: If you already have an IFS directory where you will be storing the images, but want to create an image catalog using that directory, use CRTDIR(*NO).

Step 2: Copy the virtual image to the image catalog directory

After downloading the .iso image file from the Infor Product Download Center, transfer the .iso image file to the IFS folder where you have the image catalog entries stored. You can use Windows Explorer, iSeries Navigator, or ftp. Rename the iso image to, for example, SH16233 without the '.iso' extension.

Example: This example assumes that the Infor XA Release 10 French Translation (SH16233.iso) image file has been downloaded on your local C:\ drive, and that you want to transfer it to MYSYSTEMI, image catalogue TRNS, and IFS folder /TRNimages. Using FTP from a local command prompt would look like this:

Step 3: Add the virtual image to the image catalog

After copying the .iso image file into the IFS directory, add the file to the image catalog:

```
ADDIMGCLGE IMGCLG(TRNS) FROMFILE('/TRNimages/SH16233')
TOFILE(*FROMFILE)
```

Step 4: Load the virtual image

To use the virtual image, you need to mount it in the catalog and load the catalog in a virtual optical device:

1 Work with the image catalog.

```
WRKIMGCLG IMGCLG (TRNS)
```

2 Use option 12 (Work with Entries), then use options 6 (Mount) for the SH16233 entry.

Note: Do not use option 4 (Remove) unless you really want to delete the catalog entry and the associated image!

3 Load the PCM image into the virtual optical drive.

```
LODIMGCLG IMGCLG(TRNS) DEV(OPTVRT01) OPTION(*LOAD)
```

Alternatively, you can use WRKIMGCLG, specify option 8 (Load), and then enter the virtual optical device name.