



TIBCO Foresight® Instream® Installation

*Software Release 9.0
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Preface

This document describes how to use the TIBCO Universal Installer to install TIBCO Foresight® Instream®. Instream® validates transactions according to industry standards, organizational guidelines, and specific business rules. It splits documents according to criteria that you choose, and generates response documents.

Instream is available in two editions:

- Instream Standard Edition
- Instream Healthcare Edition, which adds support for HIPAA-related healthcare standards.

Instream is available on multiple operating systems. Please see **TIB_fsp-instream_9.0.0_readme.txt** or **TIB_fsp-instream-hce_9.0.0_readme.txt** for supported platforms, versions, and other software needed to run Instream.

TIBCO Documentation and Support Services

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website, mainly in HTML and PDF formats.

The TIBCO Product Documentation website is updated frequently and is more current than any other documentation included with the product. To access the latest documentation, visit

<https://docs.tibco.com>.

How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, visit <http://www.tibco.com/services/support>.
- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support portal at <https://support.tibco.com>.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO.

You also need a user name and password to log in to <https://support.tibco.com>. If you do not have a user name, you can request one by clicking Register on the website.

How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can submit and vote on feature requests from within the TIBCO Ideas Portal. For a free registration, go to

<https://community.tibco.com>.

Before Installing

Documents to Review

Please review this document for a list of changes from previous versions of Instream:

- [TIB_fsp-instream_9.0.0_relnotes.pdf](#)

Determine your Desired Installation Location

IMPORTANT: Review this section!

Existing customers will want to install the new version of Instream into their existing directory structure. Failure to install in the correct location will cause problems with existing file paths and more.

The TIBCO Universal Installer installs all TIBCO products into a TIBCO home directory and includes a product directory and version subdirectory within the product. The default location for Instream is:

Windows: `C:\tibco\instream\9.0` or `C:\tibco64\instream\9.0`

Windows: `C:\tibco\instream-hce\9.0` or `C:\tibco64\instream-hce\9.0`

Or

Unix: `/home/tibco/instream/9.0`

Unix: `/home/tibco/instream-hce/9.0`

Note: Instream Release 8.0 and earlier was installed in a different default location with no version directory.

Overriding the Default Installation Location

Existing Instream customers may want to install the new version of Instream into their existing Instream location, for example:

```
C:\foresight\instream\
```

instead of

```
C:\tibco\instream\9.0\
```

To do this:

1. Note the path of your current installation. (e.g., `C:\Production_Tools\Instream_Validator`)
2. Save your current installation by renaming the path (e.g., rename as `C:\Production_Tools\OLD_Instream_Validator`). This means you will be starting with a clean directory structure for the new install.
3. Tell the installer **not** to create a product or version subdirectory. This is done during the installation steps.
4. Point to a TIBCO_HOME installation location that includes an Instream directory (`C:\Foresight\instream` rather than `C:\Foresight`).

Installation Overview

This document contains Windows and UNIX installation instructions for both editions of Instream:

- Instream Standard Edition
- Instream Healthcare Edition.

Disk Space

Before and during Installation

Before installing this product, extract the contents of the installation archive to a temporary directory. In general, the installer files use about 150 MB of disk space, although the amount required may be greater.

While performing installation:

- avoid running other processes that use up disk space
- ensure sufficient temporary directory space is available.

The installer will proceed only if sufficient free disk space is available.

After Installation

This product uses about 138 MB of free space under *TIBCO_HOME*.

Installation Modes

You can run the installer in one of the following modes:

- GUI - see Windows Installation Steps on page 8
- Console - See Unix Installation Steps on page 30

Note: Silent mode is not available for Instream.

Windows Installation Steps

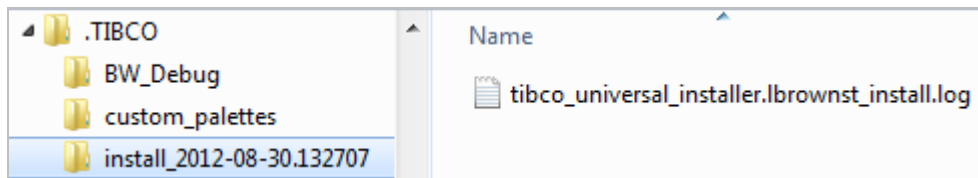
Note: Before starting, please read [Determine your Desired Installation Location](#) on page 5.

You must have administrator privileges for the machine on which this product is installed. To install the product on a network drive, ensure that the account used for installation has permission to access the network drive.

Installer Log File

The installer log file, `tibco_universal_installer.username_install.log`, is written to the `.TIBCO/install_timestamp` folder of the user's home directory.

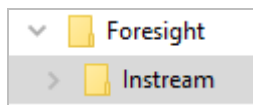
Windows example:



Install Instream Standard Edition without a Version Directory

These instructions install Instream Standard Edition into a directory structure **without** a version directory. TIBCO_HOME must include the product directory (usually Instream).

Example. TIBCO_HOME is C:\Foresight\Instream:



Note there is **no** version directory, i.e., C:\Foresight\Instream\9.0.

1. Download the Instream Standard Edition installation package to a temporary directory. Select the version that corresponds to the platform on which it will be installed.

Example: Select `TIB_fsp-instream_9.0.0_win_x86_64.zip` if you are installing on a Windows 64-bit operating system.

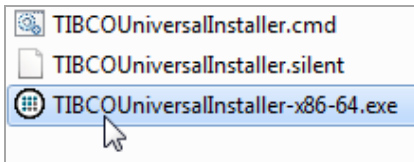
2. Extract the files from the installation package.
3. Edit the file `product_instream_9.0.0_FeatureConfig.xml` as follows:

From: `<variable name="instream.home"
value="${tibco.home}${fsp}instream${fsp}${instream.shortversion}"/>`
(remove the underlined section)

To: `<variable name="instream.home" value="${tibco.home}"/>`

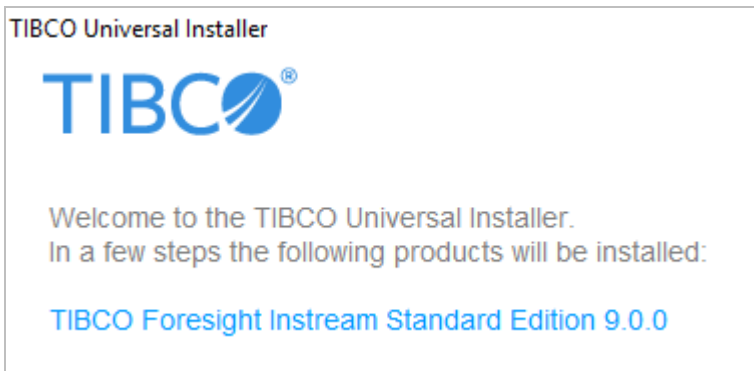
This prevents the product and version directories from being automatically added to the installation path.

4. Double-click `TIBCOUniversalInstaller.exe`:



To run from the command line instead, execute `TIBCOUniversalInstaller.cmd` or type the absolute path to the installer file with or without specifying options.

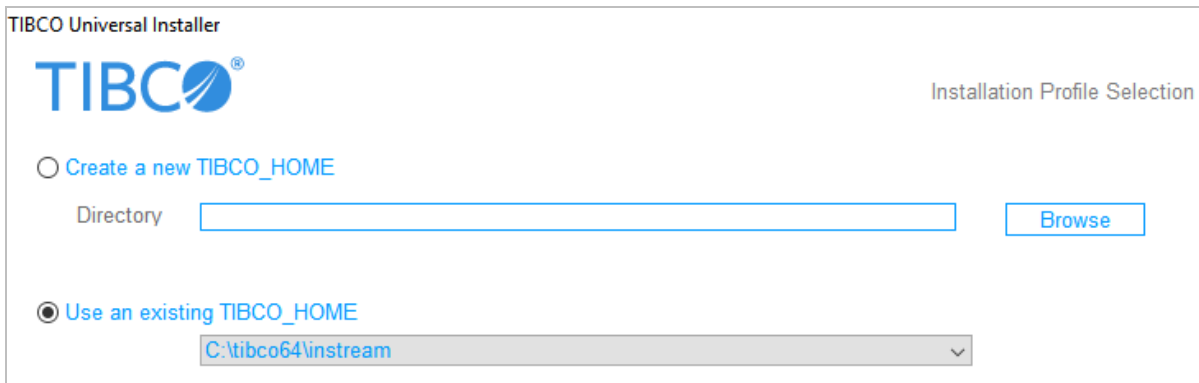
5. There will be a brief pause and the Welcome dialog appears:



Verify you are installing Instream Standard Edition and click **Next**.

6. Read and accept the license information, and click **Next**.

7. The TIBCO_HOME dialog appears.

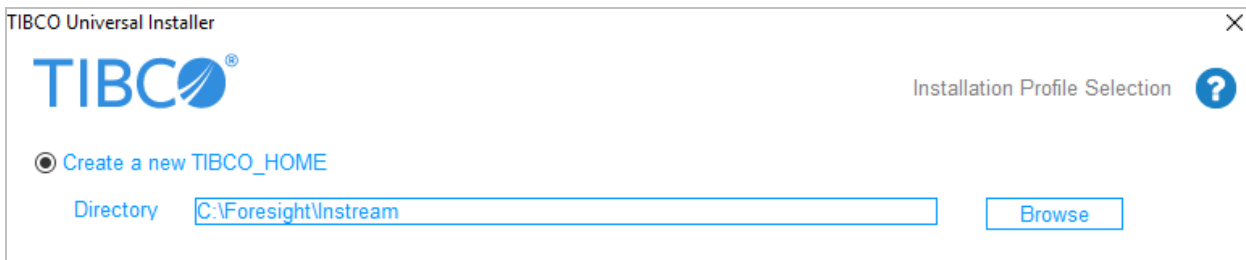


This dialog allows you to select an installation environment. An installation environment isolates product installations, so that a product installed into one installation environment does not access components in other installation environments.

Option 1 – Create a new TIBCO_HOME

If you do not have a TIBCO_HOME directory that points to a product directory (usually Instream), create a new TIBCO_HOME.

If you are using the universal installer for the first time, choose this option and point to the directory where Instream should go.



In this example, we choose `C:\Foresight\Instream`, which causes Instream's Bin directory to be `C:\Foresight\Instream\Bin`.

Click the Create a new TIBCO_HOME radio button and then specify:

Directory The Instream directory into which the product is installed. This is the directory immediately above Instream's bin directory.

Type the path or browse to specify the path. The path cannot be the same as the path of an existing TIBCO_HOME.

Good directory paths:

C:\Foresight\Instream

C:\OurProducts\Foresight\Instream

Bad directory paths (no Instream directory included):

C:\Foresight

C:\OurProducts\ValidationTools

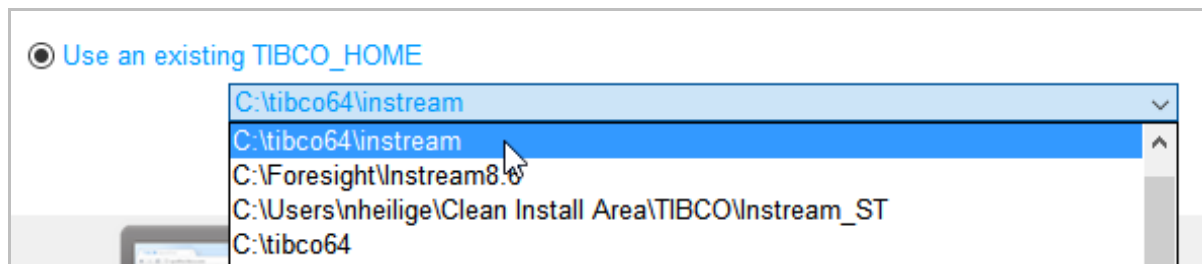
Option 2 - Use an existing TIBCO_HOME

Select this radio button to use an existing TIBCO_HOME.

Only use this option if you have an existing environment with a path that includes an Instream product directory like **C:\tibco\instream**.

If this is your first time using the Universal Installer, the list will show only the default C:\tibco installation environment, which is not a good choice since there is no Instream directory in the path.

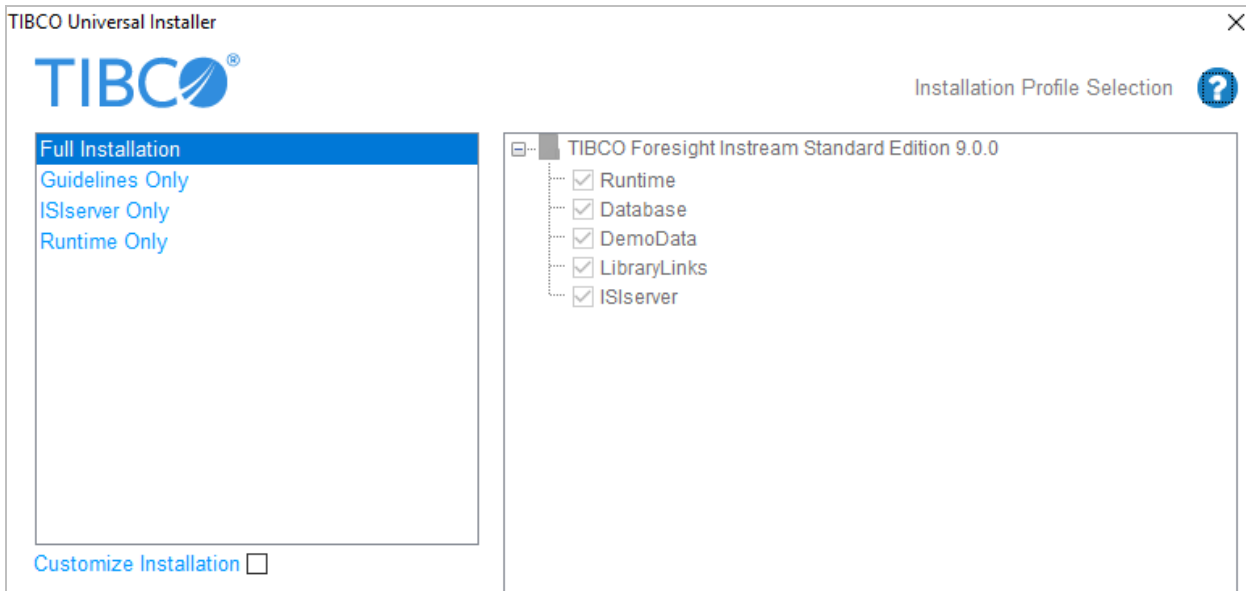
If you have used the Universal Installer before, installation environments you have installed into previously appear on the list.



In this example, you could pick one of the first two environments, since they all have a product directory. The last one will not work because it does not have a product directory.

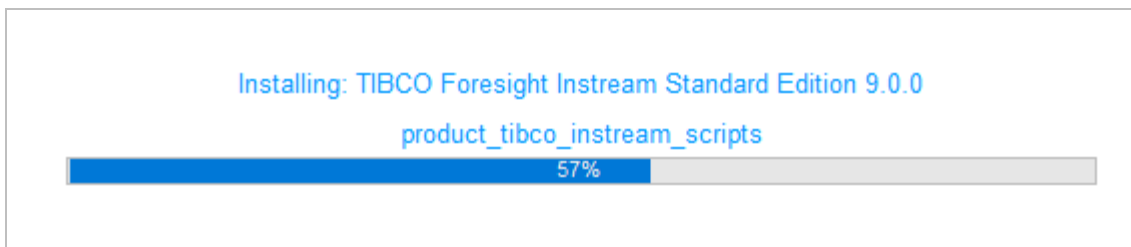
After you've made your selection, click **Next**.

8. Select **Full Installation** from the installation profile screen and click **Next**:



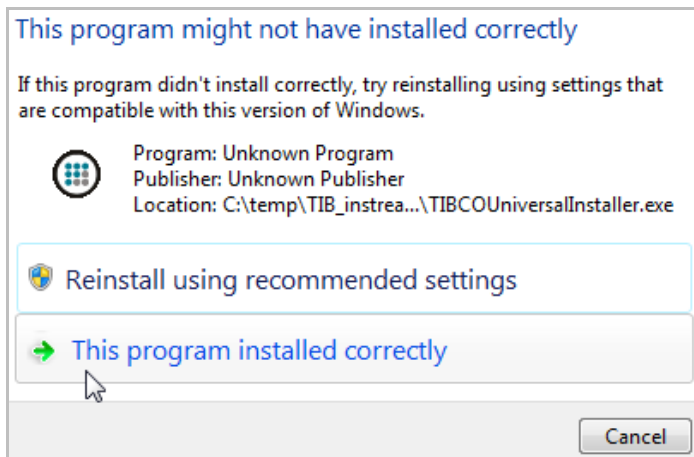
Optionally, you can choose the “Customize Installation” checkbox and select or remove checks from the list of features on the right.

9. Click **Next**.
10. If the Pre-Install Summary is correct, click **Install**.
11. Installation progress is displayed.



12. If the Post-Install Summary is correct, click **Finish**.

13. If this dialog appears, click **This program installed correctly**.



The installation program closes.

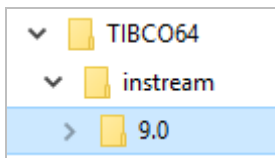
14. Look for the Instream directory under the TIBCO_HOME path that you chose.
15. Go to Instream's Scripts directory and run the demo script **V_850_4010_1.bat** to test your installation. Results will be in Instream's output directory. See **Demo_Index.pdf**, which is provided with the Instream documentation (see Download Documentation on page 47).

Your Instream Standard Edition installation is complete. Continue with Post Installation Tasks on page 47.

Install Instream Standard Edition with a Version Directory

These instructions install Instream Standard Edition into a directory structure with a version directory. TIBCO_HOME must not include the product directory.

Example. TIBCO_HOME is C:\Foresight. The instream and 9.0 directories are automatically added to the path.

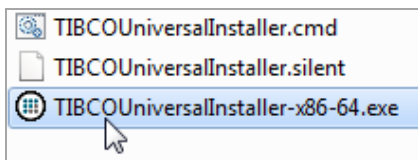


Note there **is** version directory, i.e., C:\Foresight\instream\9.0.

1. Download the Instream Standard Edition installation package to a temporary directory. Select the one that corresponds to the platform on which it will be installed.

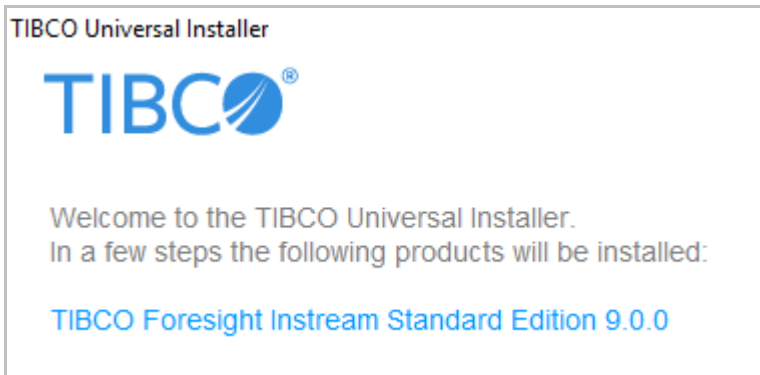
Example: select TIB_fsp-instream_9.0.0_win_x86_64.zip if you are installing on a Windows 64-bit operating system.

2. Extract the files from the installation package.
3. Double-click on TIBCOUniversalInstaller.exe:



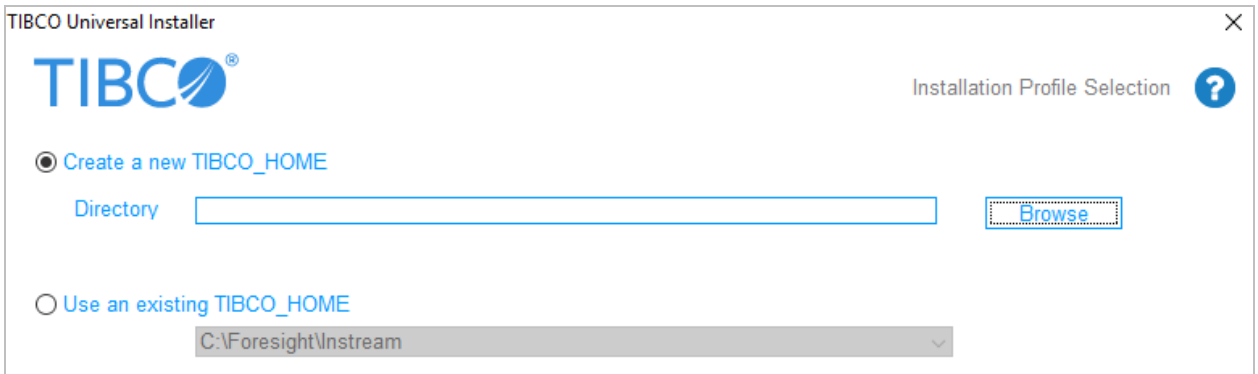
To run from the command line instead, execute TIBCOUniversalInstaller.cmd or type the absolute path to the installer file with or without specifying options.

4. After a brief pause, the Welcome dialog appears:



Verify you are installing Instream Standard Edition and click **Next**.

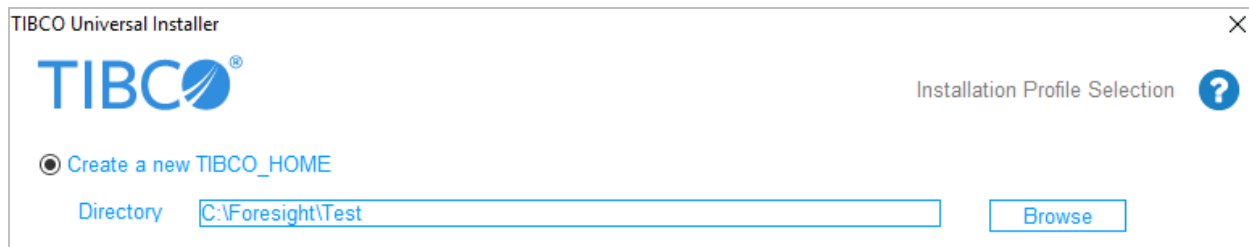
5. Read and accept the license information, and click **Next**.
6. The TIBCO_HOME dialog appears.



This dialog allows you to select an installation environment. An installation environment isolates product installations, so that a product installed into one installation environment does not access components in other installation environments.

Option 1 - Create a new TIBCO_HOME

Note: Customers using the universal installer for the first time will want to use this option to specify a directory, unless they want to use C:\tibco.



In this example, we choose C:\Foresight\Test, which causes Instream's Bin directory to be C:\Foresight\Test\Instream\9.0\Bin. The underlined directories are automatically added to the path.

Click the radio button and then specify:

Directory The high-level directory into which the product is installed. Type a path or browse to specify the path. The path cannot be the same as the path of an existing environment.

Option 2 - Use an existing TIBCO_HOME

Select this radio button to use an existing TIBCO_HOME.

If this is your first time using the Universal Installer the list will show only the default C:\tibco or C:\tibco64 installation area.

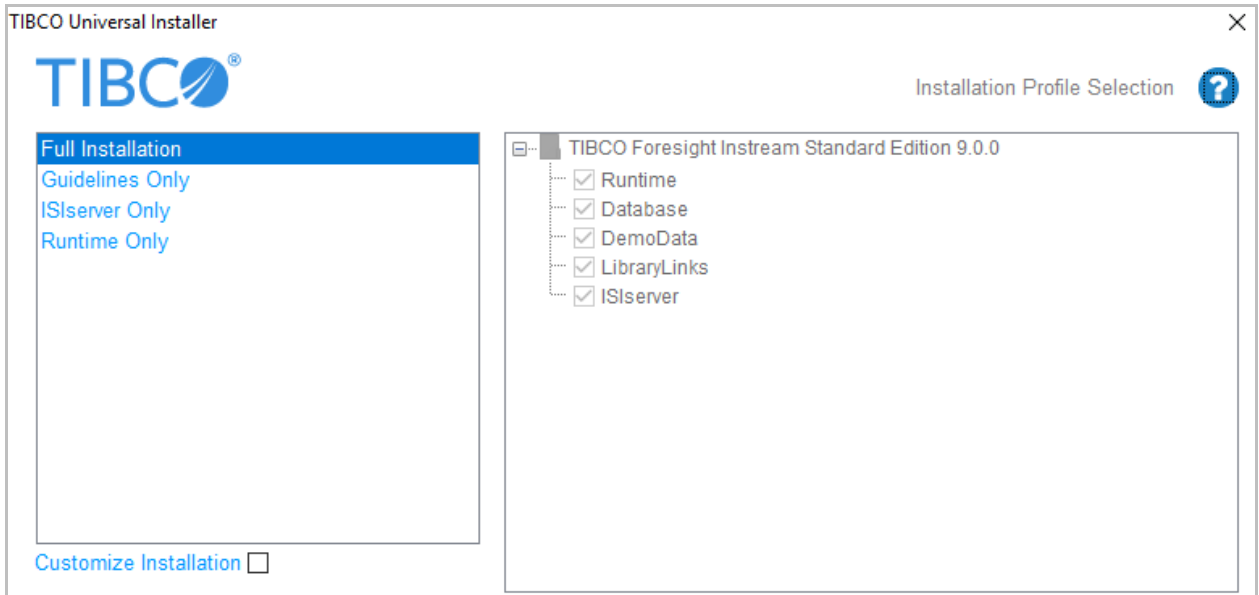
If you have used the Universal Installer before, all of your installation environments appear in the list.



Whatever you choose will be the high-level directory and \Instream\9.0 will be appended to it. For example, installing in C:\Foresight\Instream will result in Instream's Bin directory being C:\Foresight\Instream\Instream\9.0\bin.

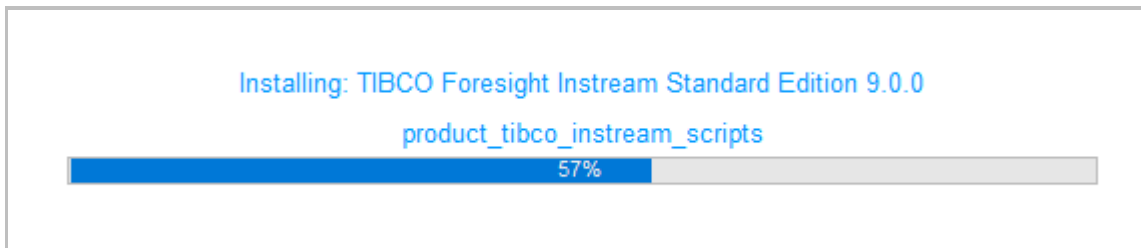
After you've made your selection, click **Next**.

7. Select **Full Installation** from the installation profile screen and click **Next**:



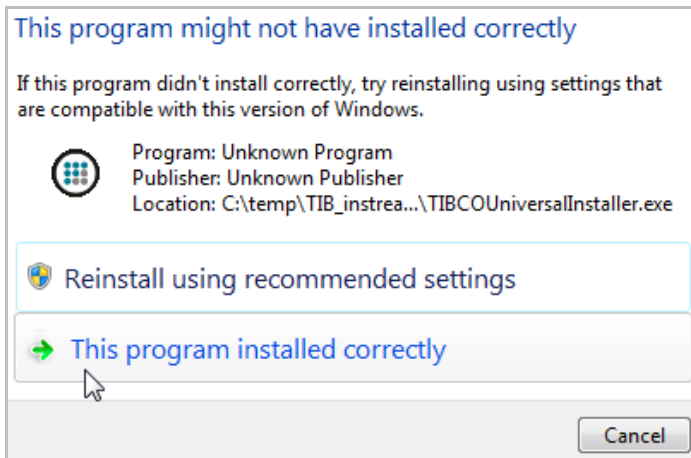
Optionally, you can choose the “Customize Installation” checkbox and select or remove checks from the list of features on the right.

8. Click **Next**.
9. If the Pre-Install Summary is correct, click **Install**.
10. Installation progress is displayed.



11. If the Post-Install Summary is correct, click **Finish**.

12. If this dialog appears, click **This program installed correctly**.



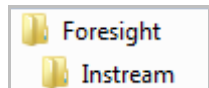
13. Look for the Instream directory under the TIBCO_HOME path that you chose.
14. Go to Instream's Scripts directory and run the demo script **V_850_4010_1.bat** to test your installation. Results will be in Instream's output directory. See **Demo_Index.pdf**, which is provided with the Instream documentation (see Download Documentation on page 47).

Your Instream Standard Edition installation is complete. Continue with Post Installation Tasks on page 47.

Install Instream Healthcare Edition without a Version Directory

These instructions install Instream Healthcare Edition into a directory structure without a version directory. TIBCO_HOME must include the product directory (usually Instream).

Example. TIBCO_HOME is C:\Foresight\Instream:



Note there is **no** version directory, i.e., C:\Foresight\Instream\9.0.

1. Download the Instream **Standard** Edition installation package to a temporary directory. Select the one that corresponds to the platform on which it will be installed.

Example: select TIB_fsp-instream_9.0.0_win_x86_64.zip if you are installing on a Windows 64-bit operating system.

2. Download the Instream **Healthcare** Edition installation package to **the same temporary directory**. Select the one that corresponds to the platform on which it will be installed.

Example: select TIB_fsp-instream-hce_9.0.0_win_x86_64.zip if you are installing on a Windows 64-bit operating system.

3. Extract the files from the **Standard** installation package.
4. Extract the files from the **Healthcare** installation package **to the same temporary directory** where you extracted the Standard files in Step 3.

Overwrite if asked.

5. Edit the FeatureConfig files for both Instream editions as follows:

Standard Edition (product_instream_9.0.0_FeatureConfig.xml)

From: `<variable name="instream.home" value="${tibco.home}
${fsp}instream${fsp}${instream.shortversion}"/>`

(remove the underlined part)

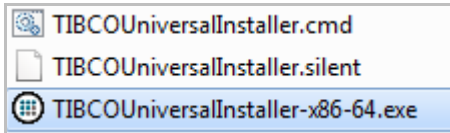
To: `<variable name="instream.home" value="${tibco.home}"/>`

Healthcare Edition (product_instream-hce_9.0.0_FeatureConfig.xml)

From: `<variable name="instream-hce.home" value="{tibco.home}
{fsp}instream{fsp}{Instream-hce.shortversion}"/>`
(remove the underlined part)

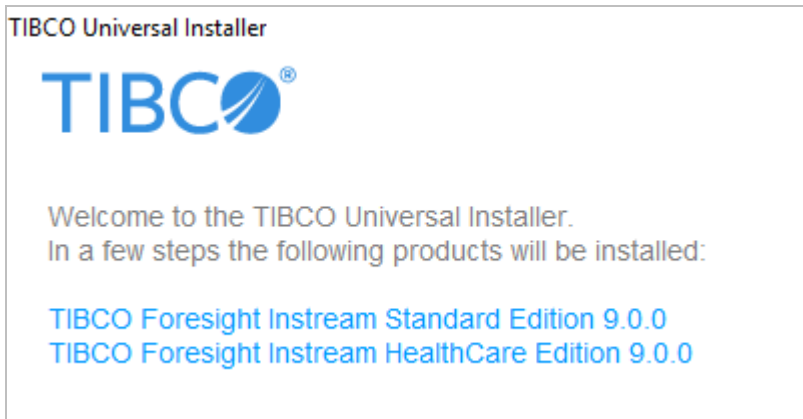
To: `<variable name="instream-hce.home" value="{tibco.home}"/>`

6. Double-click on TIBCOUniversalInstaller.exe:



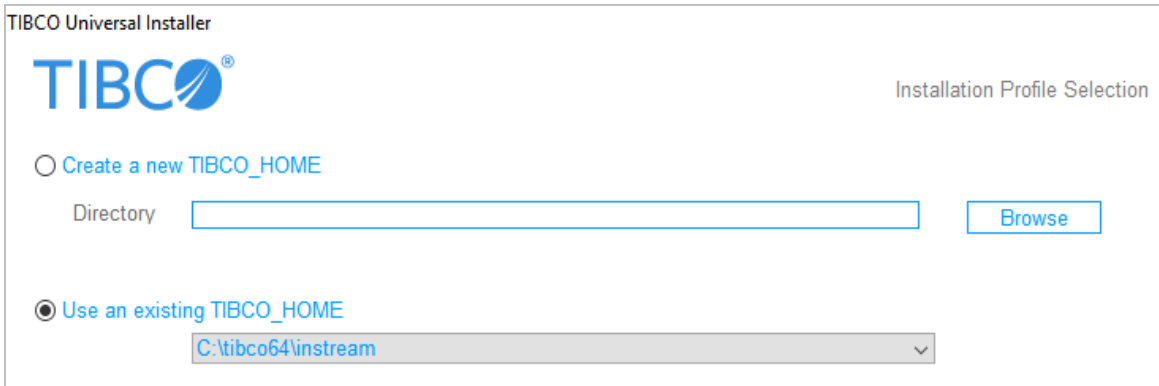
To run from the command line instead, execute `TIBCOUniversalInstaller.cmd` or type the absolute path to the installer file with or without specifying options.

7. After a brief pause, the Welcome dialog appears:



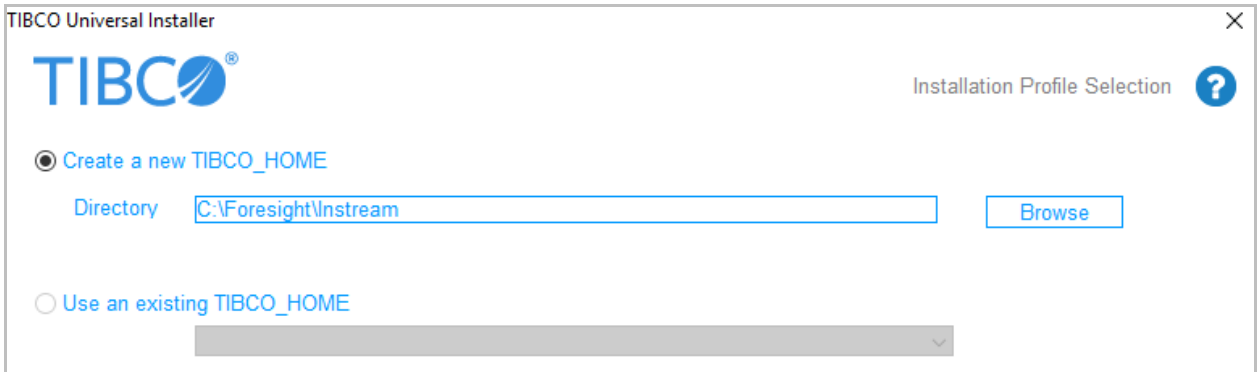
Verify you are installing both the Instream Standard Edition and the Instream Healthcare Edition and click **Next**.

8. Read and accept the license information, and click **Next**.
9. The TIBCO_HOME dialog lets you select an installation environment. An installation environment isolates product installations, so that a product installed into one installation environment does not access components in other installation environments.



Option 1 – Create a new TIBCO_HOME

If you do not have a TIBCO_HOME that points to a product directory (usually Instream), create one. If you are using the universal installer for the first time, choose this option and point to the directory where Instream should go.



Instream will go directly below the directory you specify. In this example, we specify `C:\Foresight\Instream`, which causes Instream's Bin directory to be `C:\Foresight\Instream\Bin`.

Click the radio button and then specify:

Directory The high-level Instream directory into which the product is installed. Type a path or browse to specify the path. The path cannot be the same as the path of an existing TIBCO_HOME.

Good directory paths:

- C:\Foresight\Instream
- C:\ValidationTools\Foresight\Instream

Bad directory paths (no Instream directory included):

- C:\Foresight
- C:\OurProducts\ValidationTools

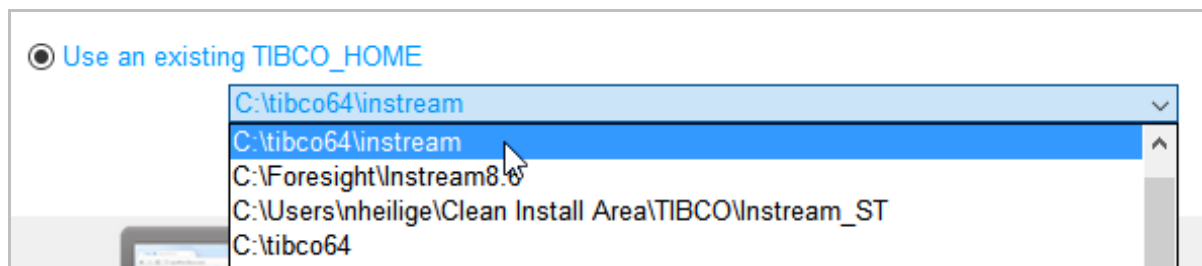
Option 2 - Use an existing TIBCO_HOME

Select this radio button to use an existing TIBCO_HOME.

Use this option if you have an existing environment with a path that includes an Instream product directory like C:\Tibco\Instream or C:\Foresight\Instream.

If this is your first time using the Universal Installer, the list will show only the default C:\tibco installation area, which is not a good choice since there is no Instream directory in the path.

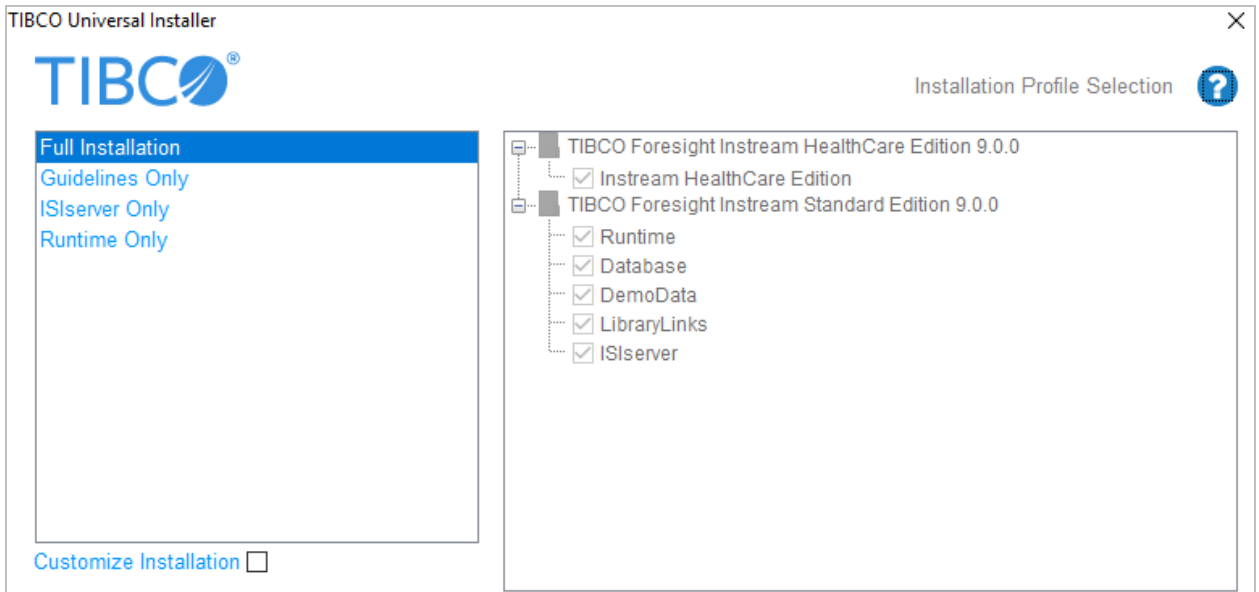
If you have used the Universal Installer before, installation environments you have installed into previously appear on the list.



In this example, you could pick any of the first three environments, since they all have a product directory. The last environment would not work because it lacks a product directory.

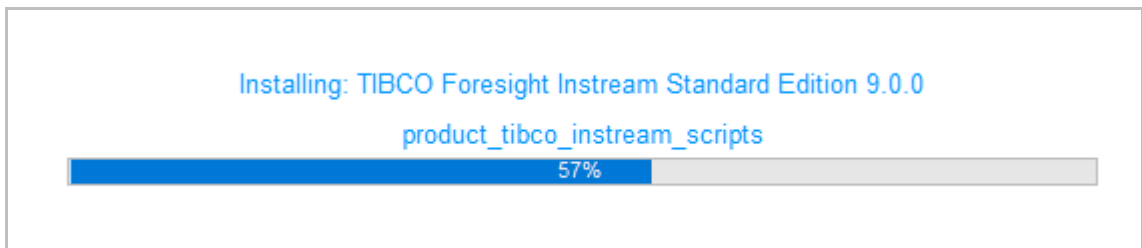
After you've made your selection, click **Next**.

10. Select **Full Installation** from the installation profile screen and click **Next**.

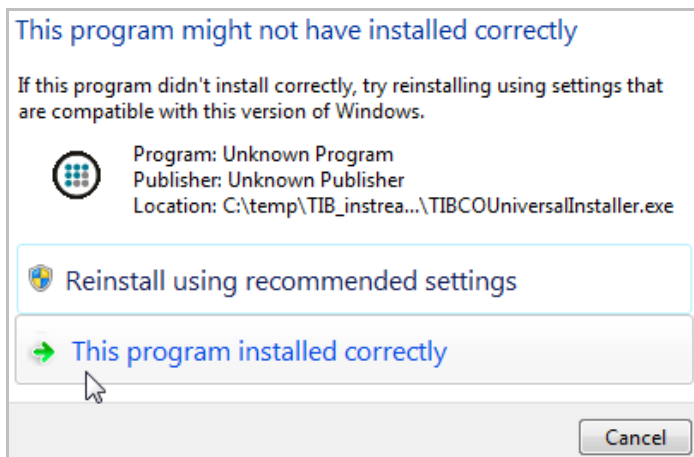


Optionally, you can choose the **Customize Installation** checkbox and select or remove checks from the list of features on the right.

11. If the Pre-Install Summary is correct, click **Install**.
12. Installation progress is displayed. **Note:** Standard Edition is installed and then Healthcare Edition is added.

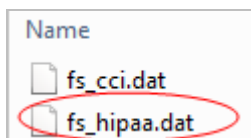


13. If the Post-Install Summary is correct, click **Finish**.
14. If this dialog appears, click **This program installed correctly**.



The installation program closes.

15. Look for the Instream directory under the TIBCO_HOME path that you chose.
16. To check that Instream Healthcare Edition has installed correctly, navigate to Instream's **bin** directory. Verify file **FS_HIPAA.dat** is present.



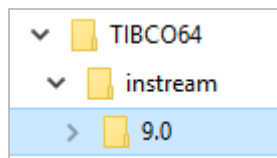
17. Go to Instream's **Scripts** directory and run the demo script **V_837I_5010_1.bat** to test your installation. Results will be in Instream's output directory. See **Demo_Index.pdf**, which is provided with the Instream documentation (see Download Documentation on page 47).

Your installation of Instream Healthcare Edition is complete. Continue with Post Installation Tasks on page 47.

Install Instream Healthcare Edition with a Version Directory

These instructions install Instream Healthcare Edition into a directory structure that includes a version directory. TIBCO_HOME must not include the product directory.

Example. TIBCO_HOME is C:\Foresight. The instream and 9.0 directories are automatically added to the path.



Note there **is** a version directory, i.e., C:\Foresight\instream\9.0.

1. Download the Instream **Standard** Edition installation package to a temporary directory. Select the one that corresponds to the platform on which it will be installed.

Example: select TIB_fsp-instream_9.0.0_win_x86_64.zip if you are installing on a Windows 64-bit operating system.

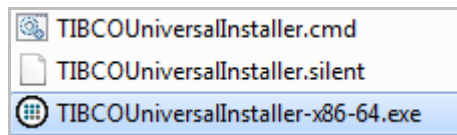
2. Download the Instream **Healthcare** Edition installation package to **the same temporary directory**. Select the one that corresponds to the platform on which it will be installed.

Example: select TIB_fsp-instream-hce_9.0.0_win_x86_64.zip if you are installing on a Windows 64-bit operating system.

3. Extract the files from the **Standard** Edition installation package.
4. Extract the files from the **Healthcare** Edition installation package to **the same temporary directory** where you extracted the Standard Edition files in Step 3.

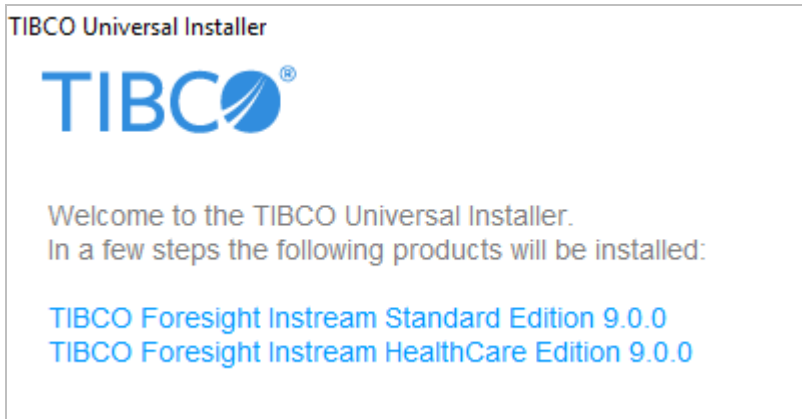
Overwrite if asked.

5. Double-click on TIBCOUniversalInstaller.exe:



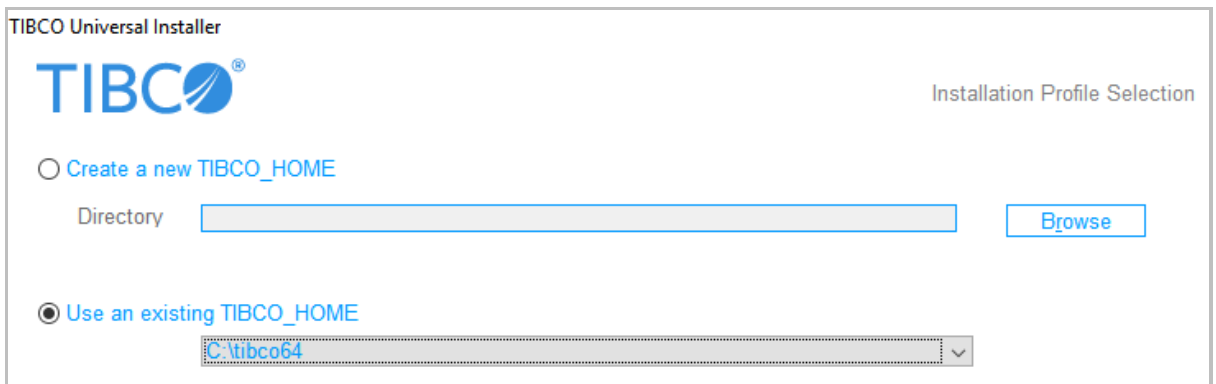
To run from the command line instead, execute TIBCOUniversalInstaller.cmd or type the absolute path to the installer file with or without specifying options.

6. There will be a brief pause as the installation initiates and the Welcome dialog appears:



Verify you are installing both the Instream Standard Edition and the Instream Healthcare Edition and click **Next**.

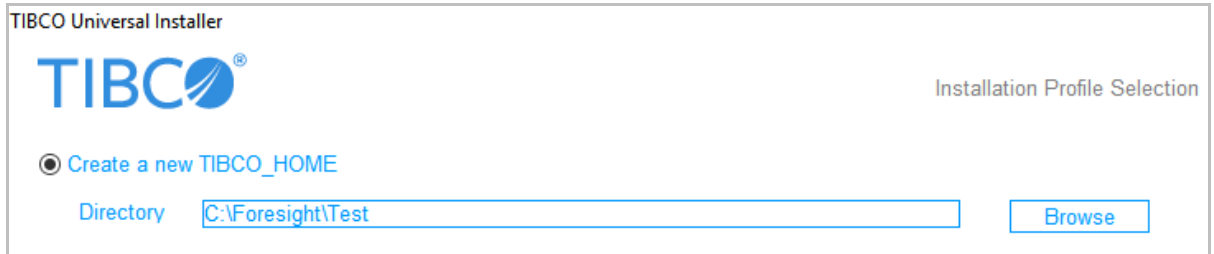
7. Read and accept the license information, and click **Next**.
8. The TIBCO_HOME dialog appears.



The TIBCO_HOME dialog lets you select an installation environment. An installation environment isolates product installations, so that a product installed into one installation environment does not access components in other installation environments.

Option 1 - Create a new TIBCO_HOME

Customers using the universal installer for the first time will want to use this option to specify a directory unless installing into C:\tibco.



In this example, we choose C:\Foresight\Test, which causes Instream's Bin directory to be C:\Foresight\Test\Instream\9.0\Bin. The underlined part is automatically added by the installer.

Click the radio button and then specify:

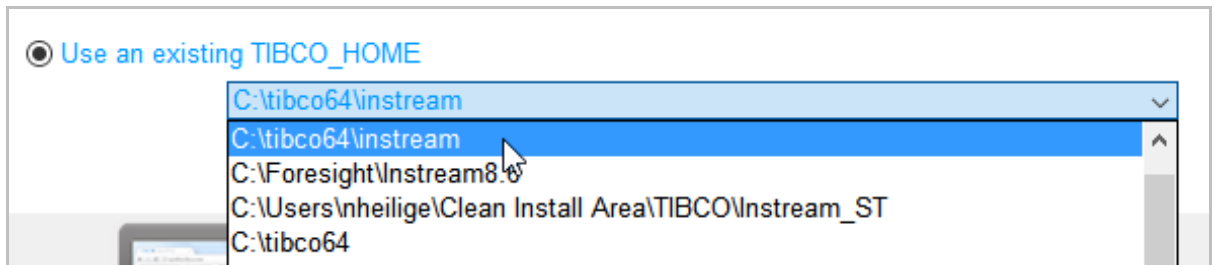
Directory The high-level directory into which the product is installed. Type a path or browse to specify the path. The path cannot be the same as the path of an existing environment.

Option 2 - Use an existing TIBCO_HOME

Select this radio button to use an existing TIBCO_HOME.

If this is your first time using the Universal Installer the list will show only the default C:\Tibco or C:\Tibco64 installation area.

If you have used the Universal Installer before, all existing TIBCO_HOMEs appear on the list.

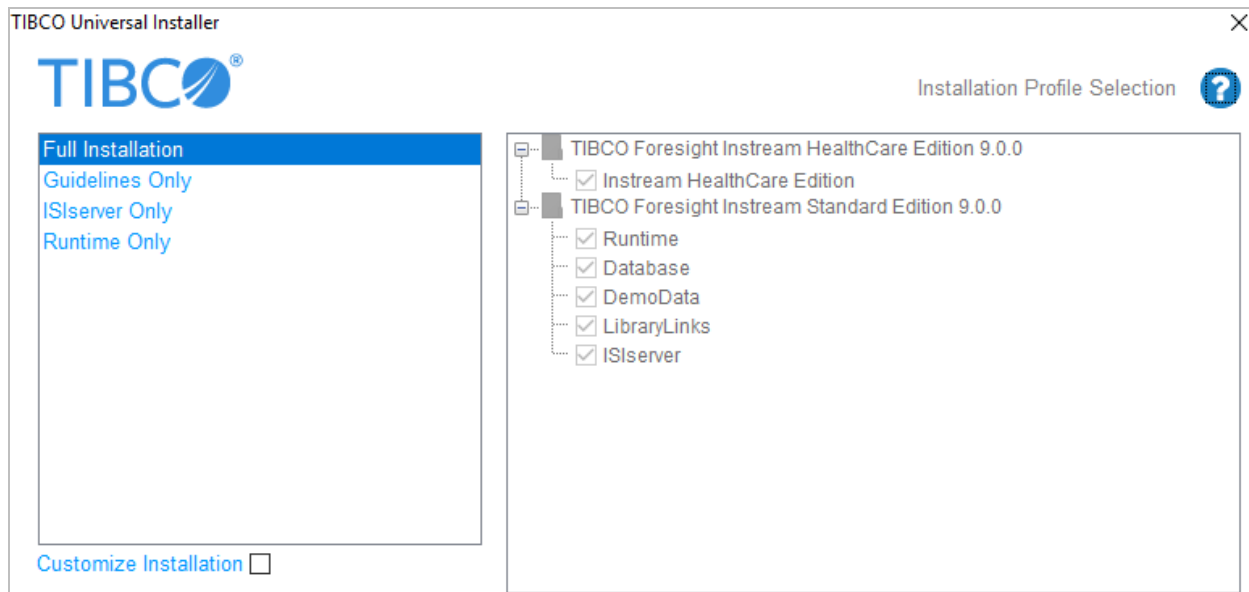


Whatever you choose will be the high-level directory and \instream\9.0 will be appended to it. For example, installing in C:\Foresight\InstreamNew will result in Instream's Bin directory being C:\Foresight\InstreamNew\instream\9.0\bin.

The best choice in the list above is the last one. The others all have an Instream directory already included in the path.

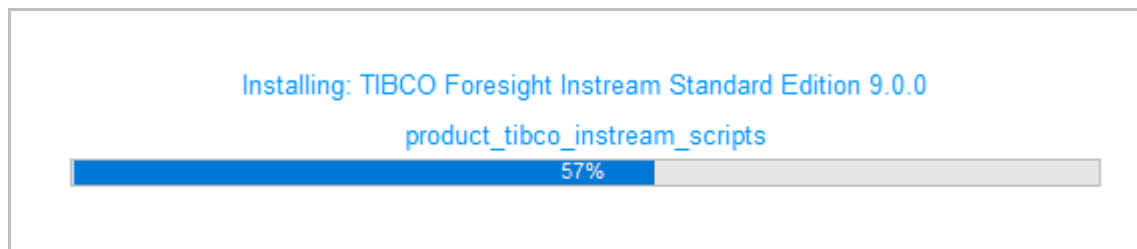
After you've made your selection, click **Next**.

9. Select **Full Installation** from the installation profile screen and click **Next**.



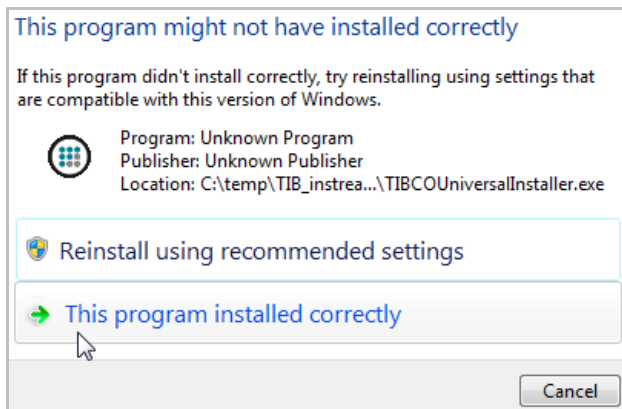
Optionally, you can choose the **Customize Installation** checkbox and select or remove checks from the list of features on the right.

10. If the Pre-Install Summary is correct, click **Install**.
11. Installation progress is displayed. **Note:** Standard Edition is installed and then Healthcare Edition is added.



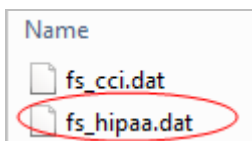
12. If the Post-Install Summary is correct, click **Finish**.

13. If this dialog appears, click **This program installed correctly**.



The installation program closes.

14. Look for the Instream directory under the TIBCO_HOME path that you chose.
15. To check that Instream Healthcare Edition has installed correctly, navigate to Instream's **bin** directory. Verify that file **fs_hipaa.dat** is present.



16. Go to Instream's Scripts directory and run the demo script **V_837I_5010_1.bat** to test your installation. Results will be in Instream's output directory. See **Demo_Index.pdf**, which is provided with the Instream documentation (see Download Documentation on page 47).

Your installation of Instream Healthcare Edition is complete. Continue with Post Installation Tasks on page 47.

Unix Installation Steps

This section contains installation Unix and Linux instructions.

Any user can install this product.

Before starting, please read [Determine your Desired Installation Location](#) on page 5.

If you FTP guidelines to Unix or Linux, use ASCII mode.

Installer Log File

The installer log file, `tibco_universal_installer.username_install.log`, is written to the `.TIBCO/install_timestamp` folder of the `TIBCO_HOME` directory.

Unix/Linux example:

```
-bash-3.2$ pwd
/home/lbrownst
-bash-3.2$ ls -a
.          .TIBCO          .bash_history  InstallShie
..         .TIBCOEnvInfo  .profile       temp_instal
-bash-3.2$ cd .TIBCO
-bash-3.2$ ls
install_2011-09-29.105334
-bash-3.2$ cd install_2011-09-29.105334
-bash-3.2$ ls
antTask_ERROR_log_post-assembly-ref-instream_runtime_nati
g
antTask_log_post-assembly-ref-instream_runtime_native_20
antTask_log_winupdate_2011_09_29.105652.log
tibco_universal_installer.lbrownst_install.log
```

To change the location of the installer log file, use the installer's command line option

```
-V logFile="myLogFile"
```

Sun Users

You must have the Link command path in your Login Profile. The installation will check for this path, and if not found will display the following message and stop the installation:

"Unable to find the unlink command in the login PATH. Please add the path for the unlink command to your login PATH. Then rerun the configure again."

You must have "create directory" permission to install Instream.

Install Instream Standard Edition without a Version Directory (Unix)

These instructions install Instream Standard Edition into a directory structure without a version directory. TIBCO_HOME must include the product directory (usually Instream).

1. Download the installation package to a temporary directory. Select the one that corresponds to the platform on which it will be installed.

Example: Select **TIB_fsp-instream_9.0.0_aix53_power_64.zip** if you are installing on an AIX 5.3 64-bit machine.

2. From within the temporary installation directory, unzip the file.

Example: `unzip TIB_fsp-instream_9.0.0_aix53_power.zip`

3. Edit the file `product_instream_9.0.0_FeatureConfig.xml` as follows, remembering to save the file when you are done:

From: `STE <variable name="instream.home" value="${tibco.home}
 ${fsp}instream${fsp}${instream.shortversion}"/>`
(remove the underlined part)

To: `<variable name="instream.home" value="${tibco.home}"/>`

4. Execute the .bin file with the -console qualifier.

Example: `TIBCOUniversalInstaller-aix.bin -console`

5. The Welcome prompt appears:

```
Welcome to the TIBCO Universal Installer
The installation wizard will install the following products on your system.
TIBCO Foresight Instream Standard Edition 9.0.0
TIBCO Software Inc.
http://www.tibco.com
Enter '1' to continue or '3' to cancel:
```

Ensure you are installing InStream Standard Edition. Enter **1** to continue.

6. Complete the installation by responding to the console window prompts. Some that require decisions follow.

Read the license agreement. This requires you to press **1 (Enter)** a number of times or type **2** to quit reading and continue with the installation.

Type **Yes** to accept the license agreement.

7. The TIBCO HOME Selection screen appears:

Choose the action you wish to perform.

1. Create a new TIBCO installation environment.
2. Choose an existing environment.

Enter one of the options above: [1] **<enter>**

This dialog lets you select an installation environment. An installation environment isolates product installations, so that a product installed into one installation environment does not access components in other installation environments.

Option 1 Create a new TIBCO installation environment

If you do not have a TIBCO_HOME directory that points to an Instream directory, create a new TIBCO_HOME.

If you are using the universal installer for the first time, choose this option and point to the directory where Instream should go.

Customers using the universal installer for the first time will want to use this option to install the new version of Instream into their existing directory structure.

Select option **1** to create a new TIBCO environment.

You must enter the following information:

Directory The Instream directory into which the product is installed. This is the directory immediately above Instream's bin directory.

Type the path or browse to specify the path. The path cannot be the same as the path of an existing TIBCO_HOME.

Good directory paths:

```
/home/lbrownst/Foresight/Instream  
/home/lbrownst/OurProducts/Foresight/InstreamTest
```

Bad directory paths (no Instream directory included):

```
/home/lbrownst/Foresight  
/home/lbrownst/OurProducts/ValidationTools
```

Name A name for the installation environment. The name cannot contain special characters or quotation marks.

Option 2 Choose an existing environment

Select option 2 to create a new TIBCO environment.

If you have never used the Universal Installer before, the list will show only the default installation area.

After you have used the Universal Installer more than once, installation environments you have installed into previously will appear on the list.

Choose an existing TIBCO installation environment for this session from the list below.

1. /home/lbrownst/foresight/instream
2. /home/lbrownst/tibco

Select an option by entering its number from the list above.

When you've made your selection, select [Yes] <enter> to continue.

8. The Profile Selection list appears. Select 1 for Full Installation

Example: Install Profile Selection
Choose your installation profile from the list below.
[X] 1 - Full Installation
[] 2 - Guidelines Only
[] 3 - Runtime Only

To select an item enter its number, or 0 when you are finished: [0]
<enter>

Select 0 (Enter) to continue.

9. Do you want to do a custom install?

Enter 'no' to proceed with the default installation.

Enter 'yes' to select items for a custom install.

10. The Preinstall Summary appears. If it is correct, enter 1 to continue.

11. Installation progresses.

Review the Post Install Summary. Press 'Enter' to exit the installer.

12. Look for your installation.

Example

The environment is called TIBCO and the path is `/home/lbrownst/tibco`, so we have these directories. Instream is installed under the **tibco** directory:

```
pwd
/home/lbrownst
ls -al
drwxr-xr-x  3 lbrownst dev      256 Sep 29 09:53 .TIBCO
drwxr-xr-x  2 lbrownst dev      256 Sep 29 09:56 .TIBCOEnvInfo
drwxr-xr-x  3 lbrownst dev      256 Sep 29 09:44 InstallShield
drwxr-xr-x  4 lbrownst dev     4096 Sep 29 09:41 temp_install
→ drwxr-xr-x  7 lbrownst dev      256 Sep 29 09:58 tibco
cd tibco
ls
_installInfo  _uninstall  instream  _release_notes  tools
```

13. Ensure that environment variables `FSINSTREAMINI` and `LIBPATH` are set to Instream's bin directory. For assistance, contact your system administrator.
14. Go to Instream's Scripts directory and run the demo script **V_850_4010_1.sh** to test your installation. Results will be in Instream's output directory. See **Demo_Index.pdf**, which is provided with the Instream documentation (see Download Documentation on page 47.)

Your Instream Standard Edition installation is complete. Continue with Post Installation Tasks on page 47.

Install Instream Standard Edition with a Version Directory (Unix)

These instructions install Instream Standard Edition into a directory structure with a version directory. TIBCO_HOME must include the product directory (usually Instream).

1. Download the installation package to a temporary directory. Select the one that corresponds to the platform on which it will be installed.

Example: Select **TIB_fsp-instream_9.0.0_aix53_power_64.zip** if you are installing on an AIX 5.3 64-bit machine.

2. From within the temporary installation directory, unzip the file.

Example: `unzip TIB_fsp-instream_9.0.0_aix53_power.zip`

3. Execute the .bin file with the -console qualifier.

Example: `TIBCOUniversalInstaller-aix.bin -console`

4. The Welcome prompt appears:

```
Welcome to the TIBCO Universal Installer
The installation wizard will install the following products on your system.
TIBCO Foresight Instream Standard Edition 9.0.0
TIBCO Software Inc.
http://www.tibco.com
Enter '1' to continue or '3' to cancel:
```

Ensure you are installing **InStream Standard Edition**. Enter **1** to continue.

5. Complete the installation by responding to the console window prompts. Some that require decisions follow.

Read the license agreement. This requires you to press **1 (Enter)** a number of times or type **2** to quit reading and continue with the installation.

Type **Yes** to accept the license agreement.

6. The TIBCO HOME Selection screen appears:

Choose the action you wish to perform.

1. Create a new TIBCO installation environment.
2. Choose an existing environment.

Enter one of the options above: [1] **<enter>**

This dialog lets you select an installation environment. An installation environment isolates product installations, so that a product installed into one installation environment does not access components in other installation environments.

Option 1 Create a new TIBCO installation environment

Note: Customers using the universal installer for the first time will want to use this option to install the new version of Instream into their existing directory structure.

Select option 1 to create a new TIBCO environment.

You must enter the following information:

Name A name for the installation environment. The name cannot contain special characters or quotation marks.

Example: We name our installation area "Instream_9.0_Installation".

Directory The high-level directory into which the product is installed. Type a path or browse to specify the path. The path cannot be the same as the path of an existing environment.

Example: to use our existing path, we choose C:\Foresight\Instream

The product will install like this:

C:\Foresight\Instream**instream\9.0**

Option 2 Choose an existing environment

Select option 2 to create a new TIBCO environment.

If you have never used the Universal Installer before, the list will show only the default installation area.

After you have used the Universal Installer more than once, installation environments you have installed into previously will appear on the list.

Choose an existing TIBCO installation environment for this session from the list below.

1. /home/lbrownst/foresight/instream
2. /home/lbrownst/tibco

Select an option by entering its number from the list above.

When you've made your selection, select [Yes] *<enter>* to continue.

7. The Profile Selection list appears. Select **1** for Full Installation

Example: Install Profile Selection

Choose your installation profile from the list below.

- 1 - Full Installation
- 2 - Guidelines Only
- 3 - Runtime Only

To select an item enter its number, or 0 when you are finished: [0]

<enter>

Select **0 (Enter)** to continue.

8. Do you want to do a custom install?

Enter **'no'** to proceed with the default installation.

Enter **'yes'** to select items for a custom install.

9. The Preinstall Summary appears. If it is correct, enter **1** to continue.

10. Installation progresses.

Review the Post Install Summary. Press **'Enter'** to exit the installer.

11. Look for your installation.

Example

The environment is called TIBCO and the path is `/home/lbrownst/tibco`, so we have these directories. Instream is installed under the **tibco** directory:

```
pwd
/home/lbrownst
ls -al
drwxr-xr-x  3 lbrownst dev      256 Sep 29 09:53 .TIBCO
drwxr-xr-x  2 lbrownst dev      256 Sep 29 09:56 .TIBCOEnvInfo
drwxr-xr-x  3 lbrownst dev      256 Sep 29 09:44 InstallShield
drwxr-xr-x  4 lbrownst dev     4096 Sep 29 09:41 temp_install
➔ drwxr-xr-x  7 lbrownst dev      256 Sep 29 09:58 tibco
cd tibco
ls
_installInfo  _uninstall  instream  _release_notes  tools
```

12. Ensure that environment variables `FSINSTREAMINI` and `LIBPATH` are set to Instream's bin directory. For assistance, contact your system administrator.
13. Go to Instream's Scripts directory and run the demo script **V_850_4010_1.sh** to test your installation. Results will be in Instream's output directory. See **Demo_Index.pdf**, which is provided with the Instream documentation (see Download Documentation on page 47.)

Your Instream Standard Edition installation is complete. Continue with Post Installation Tasks on page 47.

Install Instream Healthcare Edition without a Version Directory (Unix)

1. Download the Instream **Standard** Edition installation package to a temporary directory. Select the one that corresponds to the platform on which it will be installed.

Example: Select **TIB_fsp-instream_9.0.0_aix53_power_64.zip** if you are installing on an AIX 5.3 64-bit machine.

2. Download the Instream **Healthcare** Edition installation package to **the same temporary directory**. Select the one that corresponds to the platform on which it will be installed.

Example: Select **TIB_fsp-instream-hce_9.0.0_aix53_power_64.zip** if you are installing on an AIX 5.3 64-bit machine.

3. Unzip the files from the Standard Edition installation package

Example: `unzip TIB_fsp-instream_9.0.0_aix53_power_64.zip`

4. Unzip the files from the Healthcare Edition installation package. Be sure the Standard and Healthcare Edition files are unzipped into **the same directory**.

Example: `unzip TIB_fsp-instream-hce_9.0.0_aix53_power_64.zip`

You may be warned about overwriting files. If so, acknowledge overwriting is OK and continue.

5. Edit the FeatureConfig files for both Instream Editions as follows, remembering to save the files when you are done:

Standard Edition (product_instream_9.0.0_FeatureConfig.xml)

From: `<variable name="instream.home" value="${tibco.home}
${fsp}instream${fsp}${instream.shortversion}"/>`
(remove the underlined part)

To: `<variable name="instream.home" value="${tibco.home}"/>`

Healthcare Edition (product_instream-hce_9.0.0_FeatureConfig.xml)

From: `<variable name="instream-hce.home" value="${tibco.home}
${fsp}instream${fsp}${Instream-hce.shortversion}"/>`
(remove the underlined part)

To: `<variable name="instream-hce.home" value="${tibco.home}"/>`

6. Execute the .bin file with the -console qualifier.

Example: `TIBCOUniversalInstaller-aix.bin -console`

7. The Welcome prompt appears:

```
Welcome to the TIBCO Universal Installer
The installation wizard will install the following products on your system.
TIBCO Foresight Instream Healthcare Edition 9.0.0
TIBCO Software Inc.
http://www.tibco.com
Enter '1' to continue or '3' to cancel:
```

Ensure you are installing **InStream Healthcare Edition**. Enter **1** to continue.

8. Complete the installation by responding to the console window prompts. Some that require decisions follow.

Read the license agreement. This requires you to press **1 (Enter)** a number of times or type **2** to quit reading and continue with the installation.

Type **Yes** to accept the license agreement.

9. The TIBCO HOME Selection screen appears:

```
Choose the action you wish to perform.
1. Create a new TIBCO installation environment.
2. Choose an existing environment.
```

Enter one of the options above: [1] **<enter>**

This dialog lets you select an installation environment. An installation environment isolates product installations, so that a product installed into one installation environment does not access components in other installation environments.

Option 1 Create a new TIBCO installation environment

Note: Customers using the universal installer for the first time will want to use this option to install the new version of Instream into their existing directory structure.

Select option 1 to create a new TIBCO environment.

You must enter the following information:

Name A name for the installation environment. The name cannot contain special characters or quotation marks.

Example: We name our installation area "Instream_9.0.0_Installation".

Directory The high-level directory into which the product is installed. Type a path or browse to specify the path. The path cannot be the same as the path of an existing environment.

Example: To use our existing path, we choose C:\Foresight\Instream

the product will install like this: C:\Foresight\Instream**instream\9.0**

Choose an existing TIBCO installation environment for this session from the list below.

1. /home/lbrownst/foresight/instream

2. /home/lbrownst/tibco

Select an option by entering its number from the list above.

When you've made your selection, select [Yes] <enter> to continue.

10. Choose what you want to install.

Example: Profile Selection
 Choose the features to install:
 1 - Instream Healthcare Edition

 To select an item enter its number, or 0 when you are finished:
 [0] <enter>

Select **1** for Instream Healthcare Edition.

11. The Preinstall Summary appears. If it is correct, enter **1** to continue.

12. Installation progresses.

Review the Post Install Summary. Press '**Enter**' to exit the installer.

13. Look for your installation.

Example

The environment is called TIBCO and the path is `/home/lbrownst/tibco`, so we have these directories. Instream is installed under the **tibco** directory:

```
pwd
/home/lbrownst
ls -al
drwxr-xr-x  3 lbrownst dev      256 Sep 29 09:53 .TIBCO
drwxr-xr-x  2 lbrownst dev      256 Sep 29 09:56 .TIBCOEnvInfo
drwxr-xr-x  3 lbrownst dev      256 Sep 29 09:44 InstallShield
drwxr-xr-x  4 lbrownst dev     4096 Sep 29 09:41 temp_install
→ drwxr-xr-x  7 lbrownst dev      256 Sep 29 09:58 tibco
cd tibco
ls
_installInfo  _uninstall  instream  _release_notes  tools
```

14. To check that Instream Healthcare Edition has installed correctly, navigate to your **Instream/bin** directory. Verify file **fs_hipaa.dat** is present.

```
cd /bin
drwxr-xr-x  3 lbrownst dev      256 Sep 29 09:53 fs_hipaa_dat
```

15. Go to Instream's Scripts directory and run the demo script **V_837I_5010_1.sh** to test your installation. Results will be in Instream's output directory. See **Demo_Index.pdf**, which is provided with the Instream documentation (see Download Documentation on page 47.)

Your installation of Instream Healthcare Edition is complete. Continue with Post Installation Tasks on page 47.

Install Instream Healthcare Edition with a Version Directory (Unix)

1. Download the Instream **Standard** Edition installation package to a temporary directory. Select the one that corresponds to the platform on which it will be installed.

Example: Select **TIB_fsp-instream_9.0.0_aix53_power_64.zip** if you are installing on an AIX 5.3 64-bit machine.

2. Download the Instream **Healthcare** Edition installation package to **the same temporary directory**. Select the one that corresponds to the platform on which it will be installed.

Example: Select **TIB_fsp-instream-hce_9.0.0_aix53_power_64.zip** if you are installing on an AIX 5.3 64-bit machine.

3. Unzip the files from the Standard Edition installation package

Example: `unzip TIB_fsp-instream_9.0.0_aix53_power_64.zip`

4. Unzip the files from the Healthcare Edition installation package. Be sure the Standard and Healthcare Edition files are unzipped into **the same directory**.

Example: `unzip TIB_fsp-instream-hce_9.0.0_aix53_power_64.zip`

You may be warned about overwriting files. If so, acknowledge overwriting is OK and continue.

5. Execute the .bin file with the -console qualifier.

Example: `TIBCOUniversalInstaller-aix.bin -console`

6. The Welcome prompt appears:

```
Welcome to the TIBCO Universal Installer
The installation wizard will install the following products on your system.
TIBCO Foresight Instream Healthcare Edition 9.0.0
TIBCO Software Inc.
http://www.tibco.com
Enter '1' to continue or '3' to cancel:
```

Ensure you are installing **InStream Healthcare Edition**. Enter **1** to continue.

7. Complete the installation by responding to the console window prompts. Some that require decisions follow.

Read the license agreement. This requires you to press **1 (Enter)** a number of times or type **2** to quit reading and continue with the installation.

Type **Yes** to accept the license agreement.

8. The Choose TIBCO HOME prompt lets you select an installation environment. **Specify the same TIBCO_HOME you used for the Instream Standard Edition installation.**
9. The TIBCO HOME Selection screen appears:

Choose the action you wish to perform.

1. Create a new TIBCO installation environment.
2. Choose an existing environment.

Enter one of the options above: [1] **<enter>**

This dialog lets you select an installation environment. An installation environment isolates product installations, so that a product installed into one installation environment does not access components in other installation environments.

Option 1 Create a new TIBCO installation environment

Note: Customers using the universal installer for the first time will want to use this option to install the new version of Instream into their existing directory structure.

Select option 1 to create a new TIBCO environment.

You must enter the following information:

Name A name for the installation environment. The name cannot contain special characters or quotation marks.

Example: We name our installation area “Instream_9.0.0_Installation”.

Directory The high-level directory into which the product is installed. Type a path or browse to specify the path. The path cannot be the same as the path of an existing environment.

Example: To use our existing path, we choose C:\Foresight\Instream

The product will install like this:

C:\Foresight\Instream**instream\9.0**

Option 2 Choose an existing environment

Select option 2 to create a new TIBCO environment.

If you have never used the Universal Installer before, the list will show only the default installation area.

After you have used the Universal Installer more than once, installation environments you have installed into previously will appear on the list.

Choose an existing TIBCO installation environment for this session from the list below.

1. /home/lbrownst/foresight/instream
2. /home/lbrownst/tibco

Select an option by entering its number from the list above.

When you've made your selection, select [Yes] <enter> to continue.

10. Choose what you want to install.

Example: Profile Selection
 Choose the features to install:
 1 - Instream Healthcare Edition

 To select an item enter its number, or 0 when you are finished:
 [0] <enter>

Select **1** for Instream Healthcare Edition.

11. The Preinstall Summary appears. If it is correct, enter **1** to continue.

12. Installation progresses.

Review the Post Install Summary. Press '**Enter**' to exit the installer.

13. Look for your installation.

Example

The environment is called TIBCO and the path is /home/lbrownst/tibco, so we have these directories. Instream is installed under the **tibco** directory:

```
pwd
/home/lbrownst
ls -al
drwxr-xr-x  3 lbrownst dev      256 Sep 29 09:53 .TIBCO
drwxr-xr-x  2 lbrownst dev      256 Sep 29 09:56 .TIBCOEnvInfo
drwxr-xr-x  3 lbrownst dev      256 Sep 29 09:44 InstallShield
drwxr-xr-x  4 lbrownst dev     4096 Sep 29 09:41 temp_install
→ drwxr-xr-x  7 lbrownst dev      256 Sep 29 09:58 tibco
cd tibco
ls
_installInfo  _uninstall  instream  _release_notes  tools
```

14. To check that Instream Healthcare Edition has installed correctly, navigate to your **Instream/bin** directory. Verify file **fs_hipaa.dat** is present.

```
cd /bin
drwxr-xr-x  3 lbrownst dev      256 Sep 29 09:53 fs_hipaa_dat
```

15. Go to Instream's Scripts directory and run the demo script **V_837I_5010_1.sh** to test your installation. Results will be in Instream's output directory. See **Demo_Index.pdf**, which is provided with the Instream documentation (see Download Documentation on page 47.)

Your installation of Instream Healthcare Edition is complete. Continue with Post Installation Tasks on page 47.

Post Installation Tasks

Unzip LibraryLinks Files

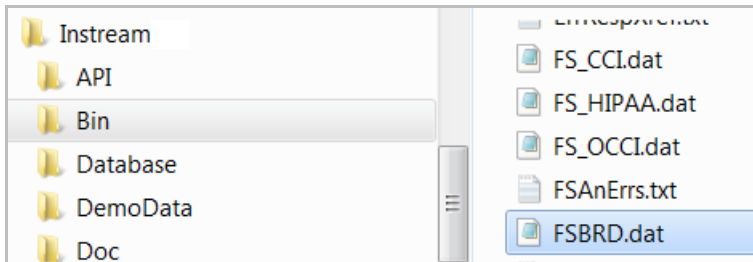
Files in the Instream's `LibraryLinks` directory must be unzipped manually.

Files that look like this must be extracted:

`PDA278RP.zip`

Update Business Rules

`FSBRD.dat` is a file that ships with Instream and is used to update business rules within TIBCO Foresight® EDISIM® after you install a new version of Instream:



Copy it to EDISIM®'s `Bin` directory and you should then see any new rules in EDISIM's rule editor.

Download Documentation

Documentation for Instream can be downloaded from <https://docs.tibco.com/>.

After logging in, locate the product and version to see links for the product documentation.

If you do not have a user ID and password, please contact TIBCO Foresight Support.

When Instream is installed, a `/Doc` directory is provided. You may wish to download your documentation to this directory for ease of access.

Recommended documents to help you get started:

TIB_fsp-instream_<n.n>_doc_index.pdf	A brief description of each document
TIB_fsp-instream_<n.n>_usersguide.pdf	How to validate with Instream
TIB_fsp-instream_<n.n>_docsplitter.pdf	How to split files
TIB_fsp-instream_<n.n>_respngen.pdf	How to generate 999s, 277s, custom reports, etc.
TIB_fsp-instream_<n.n>_api.pdf	How to use the API to validate, split, and generate responses

Separate Code Table Updates

After installation, it is recommended that you check for Code Table Updates. This ensures you have access to the most up-to-date Code Tables.

The code table database is available for download separately from the product installation. When possible, TIBCO Foresight will make code table updates available between new versions of Instream. This will make code table updates available without upgrading Instream.

Updates are distributed through the TIBCO Support system. In order to receive automated emails (including Late Breaking News alerts) when an update is available, you must subscribe to the products you are interested in.

To receive emails:

1. Sign into TIBCO Support (<https://support.tibco.com>) using your credentials.
2. From the dropdown menu beside your user name, select Product Interests and Knowledge Base Subscriptions.
3. Click as desired to subscribe to products of interest.
4. Configure your subscriptions for those products.
5. Click Save Interests.

To download updates:

1. Sign into TIBCO Support (<https://support.tibco.com>) using your credentials.
2. Select Downloads > Hotfixes > Available Downloads.
3. Click on Foresight.
4. Select HIPAA_Code_Tables.

Note: Code tables with version 7.3 and later require the actual Instream 7.3 or later program. You can check the Instream version and the code table version by executing the Version.bat file in Instream's Scripts directory.

TIBCO Foresight® Transaction Insight® Customers

Transaction Insight® customers who update Instream need to run one of these scripts against the Transaction Insight database to get their new error definitions into Transaction Insight:

- TI_ErrorUpdate_For_Instream_*version*_MSSQL.sql
- TI_ErrorUpdate_For_Instream_*version*_ORACLE.sql

These are installed in Instream's **Scripts\TI directory**. Please review Appendix C – Synchronizing Instream and Transaction Insight on page [59](#) for other steps that may be necessary.

TIBCO Foresight® Studio®

Foresight® Studio® is a separate installation program. Please contact TIBCO Foresight Support for details.

Migrating to Instream 9.0 from Previous Versions

Moving your customizations

If you install Instream to a different directory than your previous version of Instream, you will need to move your customizations to the new directory structure.

Files	To migrate ...
Guidelines	<p>Copy your customized guidelines from their current Database directory to the new one.</p> <p>If you have merged guidelines, you can use GuideMerge to incorporate the latest HIPAA changes. First update any paths in saved merge (GMP) files. See GuideMerge.pdf.</p>
Files used by business rules	<p>Find files that are referenced in your business rules (user tables, user codes, customer errors file). If they are in the old Instream directory structure, copy them to the new one.</p>
Setup and configuration files: Validation APF profiles Docsplitter INI files Response Generator INI files Partner Automation files	<p>Search for all files with file types APF, CSV, Config, INI, BAT, and SH. If they are in the old directory structure, copy them to the new one. Check them for paths.</p> <p>If you have custom APFs, use HVUupdate to merge your changes with the latest HIPAA changes. Check GM.ini if you have one. See APF.pdf.</p> <p>Update your workflows, command lines, or API calls to point to the new location.</p>
Response Generator templates	<p>Copy over any custom report templates and update their path everywhere you call Response Generator.</p>
\$dir.ini or fsdir.ini	<p>Compare the old and new files and update the new ones with your modifications.</p>
Command lines, services, API calls	<p>Determine all places where Instream programs are invoked and update the paths.</p>
Workflows	<p>See TIBCO Foresight Studio document MovingWorkflows.pdf for information about adjusting paths in workflow globals.</p>

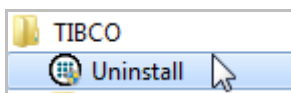
Files	To migrate ...
TIBCO Foresight® Translator	If Foresight® Translator is installed in the Instream directory, reinstall it in a separate directory under TIBCO_HOME or use it from the old Instream directory until you upgrade it.
Transaction Insight	<p>In the Transaction Insight portal web.config file, update the InstreamDirectory setting.</p> <p>Example:</p> <pre data-bbox="586 522 1115 574"><add key="InStreamDirectory" value="C:\TIBCO\Instream\9.0\Bin\" /></pre> <p>Run a script to update error definitions. See below.</p>
Keep your old Instream or a backup	Keep your old Instream directories somewhere until you are sure you have everything you need.

Uninstalling

Windows

To uninstall Instream:

1. Shut down all TIBCO Foresight applications.
2. Choose **Start | All Programs | TIBCO | Uninstall**.



3. In the TIBCO Installation Manager page, perform the following steps:
Select **Uninstall Products from Selected TIBCO Home Location**.
Select the *TIBCO_HOME* location at the bottom. Click **Next**.
4. On the Welcome dialog, click **Next**.
5. Choose **Custom Uninstall** and click **Next**.
6. Select the products to uninstall and click **Next**.
7. Review the Pre-Uninstall Summary and click **Uninstall**.
8. Answer the question about whether you want to remove the contents of the Tools directory.
9. Review the Post-Uninstall Summary and click the **Finish** button to exit.

Unix and Linux

To uninstall this product from Unix or Linux:

1. Using a command window, navigate to *TIBCO_HOME*\tools\universal_installer.
2. Type `TIBCOUniversalInstaller-<operating_system>.bin -console`
3. Respond to the prompts.

Appendix A – Additional Information

Environment Variables and Registries

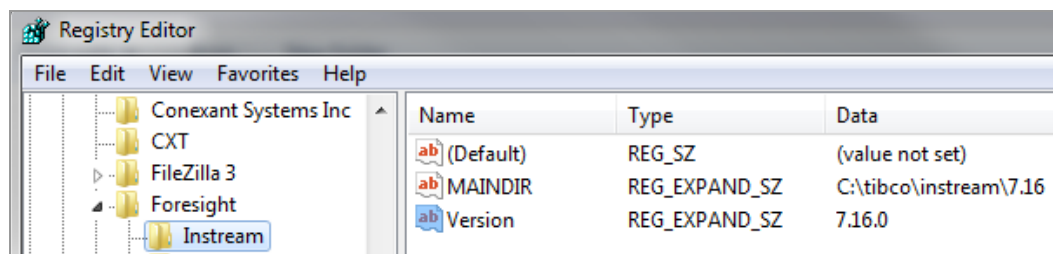
Windows

The Instream Bin directory is found by checking, in order:

- The registry under key **SOFTWARE | Foresight | Instream | MAINDIR**
- Environment variable FSINSTREAMINI

64-Bit Registry Settings

Run C:\WINDOWS\regedit.exe from the command prompt.

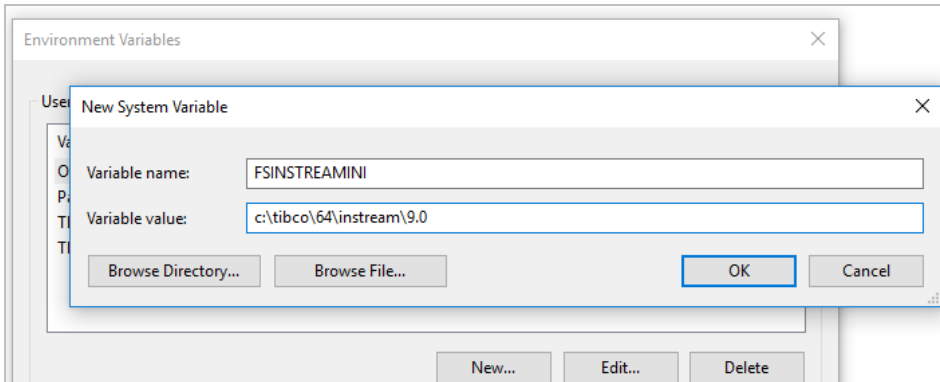


How to set FSINSTREAMINI

This is not set by the installation and is only needed if you have multiple Instreams installed. In that case, you can set FSINSTREAMINI to an Instream Bin directory that is different than the one in the registry.

Example

Start | Control Panel | System Properties | Advanced | Environment Variables ... | New



Unix

Environment variable FSINSTREAMINI and LIBPATH are required and must point to Instream's bin directory.

Example

```
export FSINSTREAMINI=/HV_testing/bin
```

Appendix B – Instream Executables

After installation, these programs are in Instream’s \Bin directory.

Instream Executable	Purpose	Operating System	Documentation
DataSwapper.exe	Dataswapper Command line program to: <ul style="list-style-type: none"> ▪ Replace the value in an EDI element with another value. ▪ Insert a new segment. ▪ Delete a segment. ▪ Create a report of the changes. 	All Instream OS	TIB_fsp-instream_<n.n>_dataswapper.pdf
DocSplitter.exe	Docsplitter Command line program to split EDI files based on errors or user-specified criteria.	All Instream OS	TIB_fsp-instream_<n.n>_docsplitter.pdf
EDIwrap.exe	Command line utility to: <ul style="list-style-type: none"> ▪ Remove and/or add line breaks. ▪ Change the segment terminator. 	All Instream OS	EDIwrap.pdf
fsFileServer.exe	Command line utility to preload external code tables during HIPAA validation.	All Instream OS	Appendix B of TIB_fsp-instream_<n.n>_usersguide.pdf
GM.exe	Graphical user interface to GuideMerge.exe.	Windows	GuideMerge.pdf
GuideMerge.exe	Command line program to merge guidelines.	Windows	GuideMerge.pdf
HVInStream.exe	Instream Validator Command line validator for many different file formats.	All Instream OS	TIB_fsp-instream_<n.n>_usersguide.pdf
HVUpdate.exe	Command line utility to update your APF files to the latest version.	All Instream OS	APF.pdf
HVUpdate Manager.exe	Graphical user interface to update your APF files to the latest version.	Windows	APF.pdf

Instream Executable	Purpose	Operating System	Documentation
ISErrors.exe	Command-line program to search the validation DTL file for an error with a specific severity and type, and then send a return code of: 1 if it finds such an error 0 if not	All Instream OS	ISErrors.pdf
RespGen.exe	Response Generator Command-line program to create 277, 824, 997, 999 (5010 only), TA1, and custom report responses to EDI validated by Instream.	All Instream OS	TIB_fsp-instream_<n.n>-respgen.pdf
ShutDown Server.exe	Command-line program to stop fsFileServer.exe.	All Instream OS	Appendix B of TIB_fsp-instream_<n.n>-usersguide.pdf
TPARouter.exe	Command line program to: <ul style="list-style-type: none"> ▪ Route files to certain directories based on: <ul style="list-style-type: none"> - Characteristics of the file (name, extension, size) - Values in the ISA, GS, ST - Whether the files contain X12 EDI ▪ Change or append to the file extension if the file contains X12 EDI 	All Instream OS	TIB_fsp-instream_<n.n>-tpa_router.pdf
Validation Highlighter.exe	Command line program to create an HTML report from a validation DTL file. Links in the report take you to guideline information.	All Instream OS	ValidationHighlighter.pdf

After installation, these programs are available in other Instream directories.

Executable	Purpose	Operating System	Documentation
\ISIServer \ISIServer.exe	Instream Integration Server (ISIServer) is a service that allows Instream (and TIBCO Foresight® Translator) to connect to an Oracle or SQL Server database or connect to your own web service.	All Instream OS	ISIServer.pdf
\java \ReportMailer.jar	Create and send an email.	Any system that can run the Java Runtime Environment (JRE) version specified for ReportMailer	ReportMailer.pdf

Appendix C – Synchronizing Instream and Transaction Insight

This appendix is for Transaction Insight customers who are updating Instream. It explains how to upgrade an existing Transaction Insight environment to work with a particular version of Instream. It does not explain the installation of Instream or Transaction Insight, only how to allow the two to work together.

Use these directions when you change versions of Instream or when you install an Instream guideline update.

Please pay close attention to the script names. They may have changed from previous versions.

Revalidation Instream Overview

In order for revalidation to work in the Transaction Insight forms, you will need to have Instream installed. This is used as follows:

- Transaction Insight uses this copy of Instream to revalidate the corrected EDI data whenever you click **Validate** on a form.
- The default Transaction Insight installation sets up an Automator workflow which also uses this copy of Instream for the initial validation and import of statistics into Transaction Insight.

If your Transaction Insight environment requires Instream to run on another machine, or possibly even another operating system (UNIX for example), then you will need to make adjustments as described in this appendix.

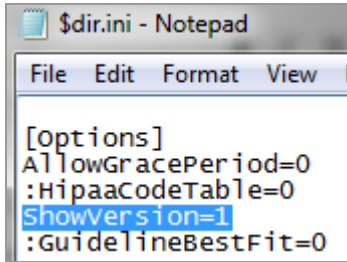
Synchronizing Instream Versions and Locations with Transaction Insight

In the instructions below, adapt the instructions to account for your local configuration. Your paths and environment names will vary.

These instructions assume Instream has already been installed on the Transaction Insight server machine.

Instream's \$dir.ini or fsdir.ini

Turn on ShowVersion in the [Options] section of \$dir.ini (Windows) or fsdir.ini (UNIX) in Instream's Bin directory:



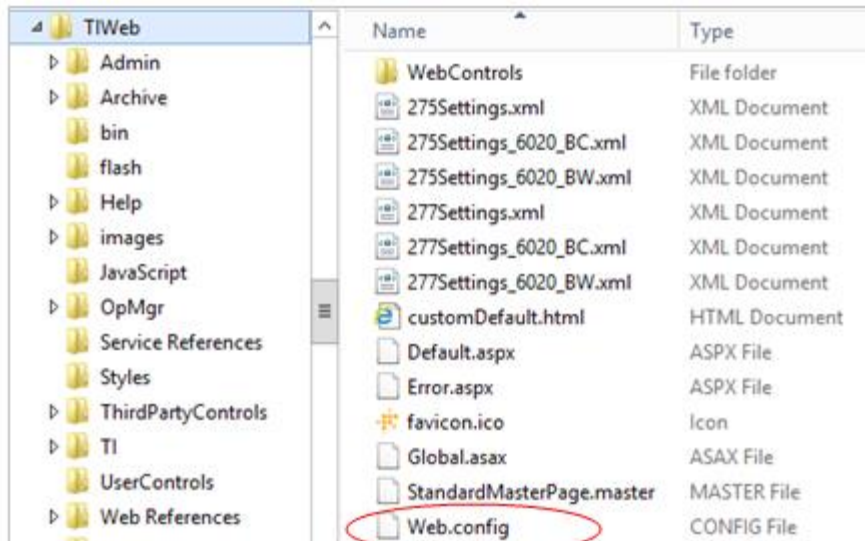
```
File Edit Format View  
[Options]  
AllowGracePeriod=0  
:HipaaCodeTable=0  
ShowVersion=1  
:GuidelineBestFit=0
```

This tells Importer which version of Instream created the results file. Importer can then properly translate the Instream EDI error messages into the Non-Technical, UB92, HCFA and Dental versions shown on the portal.

Transaction Insight's Web.config

Edit Web.config in the Transaction Insight environment's TIWeb directory.

Example:



Modify the InstreamDirectory appSetting to point to the Instream's Bin directory. Example:

```
<add key="InstreamDirectory" value="C:\tibco64\instream\9.0\Bin\" />
```

If you have more than one environment, edit the Web.config in each one.

Transaction Insight's Database

Each time you update Instream's TIBCO Foresight-supplied guidelines, you need to update your Transaction Insight database accordingly. That way, error message changes from the updated guidelines will be used in Transaction Insight as well.

You will need to do this if:

- You install a new version of Instream (which always includes the latest guideline updates)
- You install a guideline-only update or patch that includes guidelines.

Use one of these scripts to update the error message in your Transaction Insight database to match those in your Instream guidelines:

TI_ErrorUpdate_For_Instream_*version*_MSSQL.sql

TI_ErrorUpdate_For_Instream_*version*_ORACLE.sql

The *version* in the script name should match the version of guidelines you are using in the Instream that feeds Transaction Insight. It may not match the version of Instream itself.

Example:

Instream version	Script to run
9.0	TI_ErrorUpdate_For_Instream_9.0.0.0_MSSQL.sql or TI_ErrorUpdate_For_Instream_9.0.0.0_ORACLE.sql

These scripts are installed in Instream's **Scripts\TI** directory.

They are also installed if you do a guideline-only update.

Run the appropriate script against the Transaction Insight database. You may need to have your Database Administrator do this step for you.

Importer's Error File

Copy ErrMsgTrans_<version>.txt from Instream's bin directory into the same directory as Importer.exe. The default location for Importer.exe is:

```
C:\Foresight\TransactionInsight\<version>\Environments\<environmentName>\bin
```

Rename it to include the three-part Instream version, like this:

```
ErrMsgTrans_9.0.0.txt
```

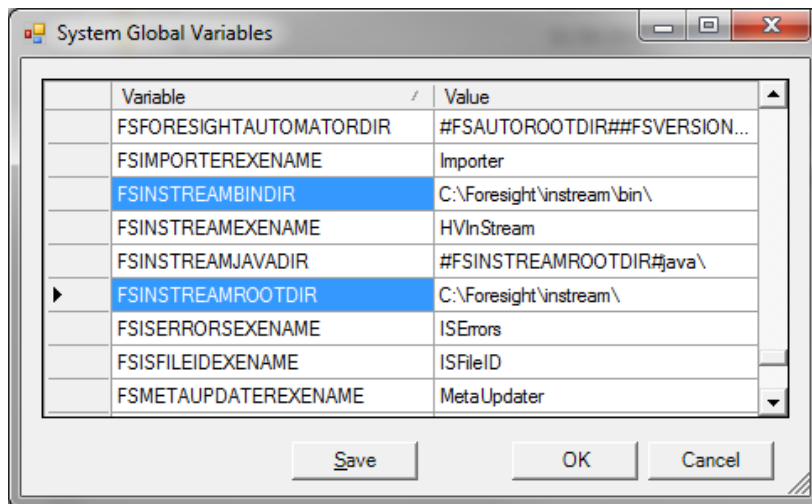
If you would rather place the ErrMsgTrans file into a different directory, edit Importer.ini and add an entry for the new Instream version in the [Instream] section (near the end of the file). It should resemble this, but use the appropriate version and path:

```
9.0.0=C:\ErrorMsgFiles\ErrMsgTrans_9.0.0.txt
```

You should now be ready to import or reimport using the new version of Instream.

Automator's Workflows

If you are using workflows for Instream's primary validation, open TIBCO Foresight® Studio®, choose **File** | **Edit Globals** and check these settings:



Please see [TIB_fore sightstudio_<n.n>_usersguide.pdf](#), [MovingWorkflows.pdf](#), and [Variables_for_Workflows.pdf](#) for information on updating workflows.