



TEAMCENTER

Retail Footwear and Apparel — Deployment

Teamcenter 2412

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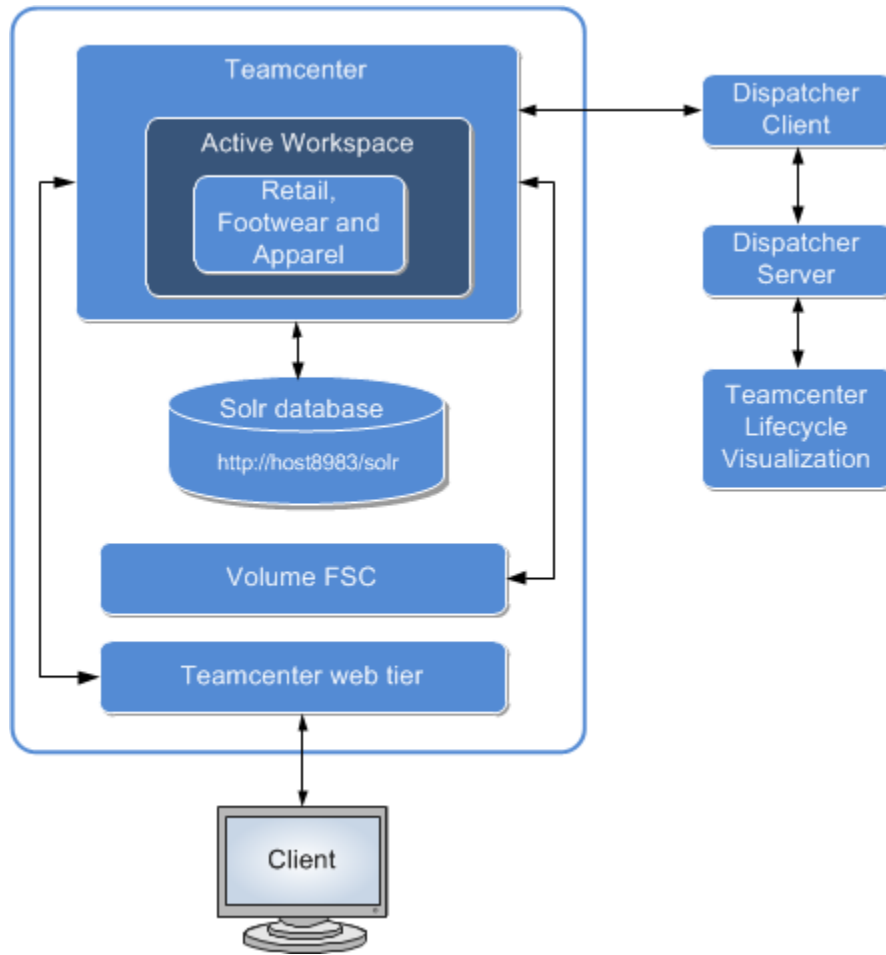
Deploying Retail Footwear and Apparel documentation on your local drive or network 7-1



1. Overview of Retail Footwear and Apparel

Retail Footwear and Apparel is a solution tailored to manage products in the retail industry, which is ever evolving and fast paced. New products or styles are launched continuously throughout the year. Product choices and colors change frequently, with the fashion trends and seasons. As a result, making the products available in the market on time is crucial. For example, winter clothing must be made available in stores toward the end of fall, before the onset of winter. It is stocked through winter, spanning a short seasonal time frame. It is therefore important to collaborate with the different vendors who manufacture the products. Further, costs are evaluated to find the correct price that meets both product quality and profit margin targets.

2. Components of Retail Footwear and Apparel



The Retail Footwear and Apparel solution consists of the following components:

Teamcenter

This is a product data management system, using which you can create and send data that your suppliers must use as input to provide the goods and services.

Make sure that you have Teamcenter with the following:

Teamcenter Vendor Management on Active Workspace — Usage You must have the Teamcenter Vendor Management on Active Workspace — Usage application installed in order to manage the retail vendors. For more information on how to install Vendor Management on Active Workspace — Usage, see *Vendor Management* in the Teamcenter documentation.

Product Line Plan	You must have Product Line Plan installed for product managers to plan product lines for the entire year.
Active Workspace	Active Workspace allows you to view and create data in a wide range of browsers on traditional desktop computers, laptops, tablets, and mobile devices. Your selected browser must support HTML5 and CSS3. The interface is compatible with traditional mouse-driven computers or touch displays found on Windows, iOS, and Android OS tablets. On end-user devices, Active Workspace requires minimal installation of software and requires no plug-ins, such as ActiveX or Java.

Dispatcher

You can install Dispatcher as a standalone instance or in an existing Teamcenter environment. If Dispatcher is already installed in your existing Teamcenter environment, you must modify it to include the TcVis Image Compression translator.

For information about installing Dispatcher, in the Teamcenter documentation, see *Installing and Configuring Dispatcher*.

Teamcenter Lifecycle Visualization

Image files are used in Retail Footwear and Apparel at various instances: for tiles, preview images, thumbnails, breadcrumbs, and so on. To render images not only quickly but also with high clarity, you can compress them and reduce their sizes without distorting the quality. To enable image compression, you must install Teamcenter Lifecycle Visualization with Mockup and with Convert and Print features.

To create markups on images, you must install Teamcenter Lifecycle Visualization with standard features on the client machine.

3. Retail Footwear and Apparel deployment paths

Active Workspace is supported with the latest versions of Teamcenter and with some earlier versions. To find which versions of Teamcenter are supported with Active Workspace, refer to the Hardware and Software Certifications knowledge base article on Support Center.

To deploy Retail Footwear and Apparel, you can follow either of the following processes:

New Retail Footwear and Apparel installation

To perform a new installation of Retail Footwear and Apparel, follow the [new installation of Retail Footwear and Apparel process](#).

Upgrade an existing Retail Footwear and Apparel installation

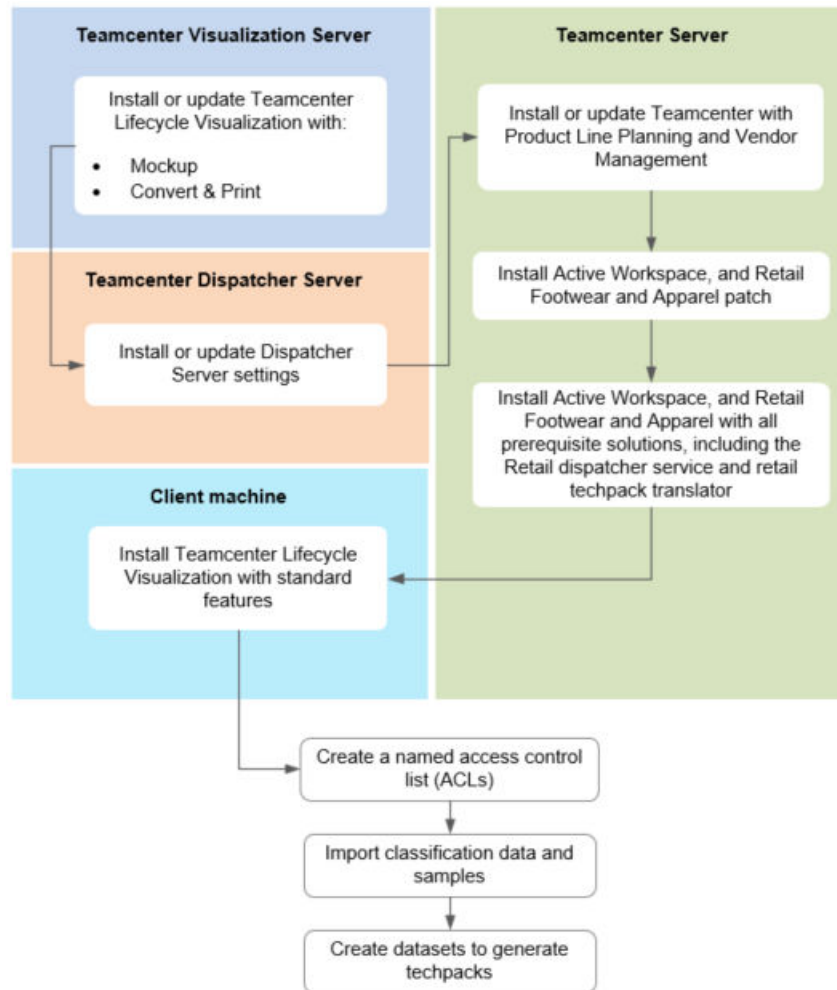
To upgrade your existing version of Retail Footwear and Apparel, follow the [upgrade Retail Footwear and Apparel process](#).

Migrate from SH&F to Retail Footwear and Apparel

If you have Teamcenter and an existing installation of SH&F, follow the [migrate from SH&F to Retail Footwear and Apparel process](#).

4. Perform a new installation of Retail Footwear and Apparel

Taskflow for installing Retail Footwear and Apparel



Install or update Teamcenter Lifecycle Visualization

You must install Teamcenter Lifecycle Visualization with Mockup and with Convert and Print features.

Performing a new Teamcenter Lifecycle Visualization installation

If you do not have Teamcenter Lifecycle Visualization installed, before you deploy Retail Footwear and Apparel, you must install a compatible version of Teamcenter Lifecycle Visualization with Mockup and with Convert and Print features. To find which versions of Teamcenter Lifecycle Visualization are

supported with Active Workspace, refer to the Hardware and Software Certifications knowledge base article on Support Center.

For information about installing Teamcenter Lifecycle Visualization, see *Teamcenter Lifecycle Visualization installation* documentation.

Patching or upgrading an existing Teamcenter Lifecycle Visualization installation

If your existing Teamcenter Lifecycle Visualization installation is not compatible with the version of Active Workspace and Retail Footwear and Apparel that you want to deploy, you must patch or upgrade your existing version of Teamcenter Lifecycle Visualization. To find which versions of Teamcenter Lifecycle Visualization are supported with Active Workspace, refer to the Hardware and Software Certifications knowledge base article on Support Center.

For information about patching or upgrading an existing Teamcenter Lifecycle Visualization installation, see *Teamcenter Lifecycle Visualization installation* documentation.

Install or update Teamcenter

Performing a new Teamcenter installation

If you do not have Teamcenter installed, before you deploy Retail Footwear and Apparel, you must install a compatible version of Teamcenter. To find which versions of Teamcenter are supported with Retail Footwear and Apparel, refer to the Hardware and Software Certifications knowledge base article on Support Center.

Make sure that you install Teamcenter *with* Product Line Planning and Vendor Management.

For more information on how to install Teamcenter, in the Teamcenter documentation, see *Installing Teamcenter*.

Patching or upgrading an existing Teamcenter installation

If your existing Teamcenter installation is not compatible with the version of Active Workspace and Retail Footwear and Apparel that you want to deploy, you must patch or upgrade your existing version of Teamcenter. To find which versions of Teamcenter are supported with Retail Footwear and Apparel, refer to the Hardware and Software Certifications knowledge base article on Support Center.

Make sure that you patch or upgrade Teamcenter with Product Line Planning and Vendor Management.

For more information on how to patch or upgrade an existing Teamcenter installation, in the Teamcenter documentation, see *Teamcenter Upgrade*.

Install or update Dispatcher Server and update your settings

Performing a new installation of Dispatcher Server

If you do not have Dispatcher Server installed, before you deploy Retail Footwear and Apparel, you must install a compatible version of Dispatcher Server. To check which versions of Dispatcher Server are supported with Retail Footwear and Apparel, refer to the Hardware and Software Certifications knowledge base article on Support Center.

After installation, you must update the Dispatcher Server settings to install the Image Compression translator.

Patching or upgrading an existing Teamcenter installation

If you have an existing installation of Dispatcher Server, and it is not compatible with Retail Footwear and Apparel, you must patch or upgrade to a version that is supported. To check which versions of Dispatcher Server are supported with Retail Footwear and Apparel, refer to the Hardware and Software Certifications knowledge base article on Support Center.

After updating your Dispatcher Server, you must update the Dispatcher Server settings to install the Image Compression translator.

Update the Dispatcher Server settings

Run Teamcenter Environment Manager (TEM) from your `TC_ROOT\install` directory.

The `TC_ROOT` directory is the folder where you have installed Teamcenter, for example, `C:\app\tc`.

1. In the **Maintenance** panel, select **Configuration Manager**, and click **Next**.
2. In the **Configuration Maintenance** panel, select **Perform maintenance on an existing configuration**, and click **Next**.
3. In the **Old Configuration** panel, select the configuration for which to perform the maintenance and click **Next**.
4. In the **Feature Maintenance** panel, under **Teamcenter**, select **Modify Dispatcher Settings** and click **Next**.
5. In the **Operating System User** panel, enter the user ID and password, and click **Next**.
6. In the **Teamcenter Installation Location** panel, specify the location of the Teamcenter directories, and click **Next**.
7. In the **Flex License Client** panel, specify the settings for **SPLM_LICENSE_SERVER** and click **Next**.

8. In the **Teamcenter Administrative User** panel, enter the user name and password and click **Next**.
9. In the **Dispatcher Components** panel, specify the settings and click **Next**.
10. In the **Dispatcher Settings** panel, specify the settings and click **Next**.
11. In the **Select Translators** panel, under **TcVis Translators**, select **Image Compression**.

Note:
Teamcenter Lifecycle Visualization must be installed.

12. In the **Translator Settings** panel, enter the user name and password and click **Next**.

Note:
Make sure that **Vis Home Path** points to the correct path to the Teamcenter Lifecycle Visualization directory.

13. In the **Confirmation** panel, review the configuration information and click **Start** to begin the installation.
14. When the installation is complete, click **Close**.

Install the Active Workspace patch

To patch your existing version of Active Workspace to the latest version:

1. From Support Center, download the Active Workspace patch ZIP file *Tcrelease_ActiveWorkspacerel-num_platform.zip*.
2. Extract the kit to the required location, for example, *C:\kits\...\apps\TC_retail_patch_operating-system*.
3. Run Teamcenter Environment Manager (TEM) from your *TC_ROOT\install* directory.

The *TC_ROOT* directory is the folder where you have installed Teamcenter, for example, *C:\app\TC*.

4. In the **Maintenance** panel, select **Updates Manager** and click **Next**.
5. In the **Apply Updates** panel, in the **Update kit location** box, type or browse to the kit location. Make sure that the path includes the operating system folder.
6. Enter the system password and the dba password.

7. Proceed with the installation and complete the upgrade.

Install the Retail Footwear and Apparel patch

You must have Active Workspace installed before installing the Retail Footwear and Apparel patch.

1. Copy the *Tcversion_ActiveWorkspace_Retailrel_num_operating-system.zip* file to the system where Active Workspace is installed.
2. Extract the kit to the location where the Active Workspace patch is available, for example, *C:\kits\...\apps\TC_retail_patch_operating-system*.
3. Run Teamcenter Environment Manager (TEM) from your *TC_ROOT\install* directory.
4. In the **Maintenance** panel, select **Updates Manager** and click **Next**.
5. In the **Apply Updates** panel, in the **Update kit location** box, type or browse to the kit location. Make sure that the path includes the operating system folder.
6. Enter the system password and the dba password.
7. Proceed with the installation and complete the upgrade.
8. Once the upgrade is completed, in the *TC_ROOT\install\install\modules* folder, check whether the following files are present:
 - *feature_retail.xml*
 - *feature_ret1retailaw.xml*
 - *feature_ret1retailaw_client.xml*

If the files are present, the Retail Footwear and Apparel patching is successful.

Install or update Active Workspace

Before you install the Active Workspace patch, Active Workspace must be installed on your system. For more information about installing Active Workspace, in the Active Workspace documentation see *Active Workspace Installation*.

Install the Retail Footwear and Apparel feature and retail techpack translator

1. Start Teamcenter Environment Manager from where you have installed Teamcenter, for example, `C:\new_tc\TC\tcroot\install\tem.bat`.
2. In the **Maintenance** panel, select **Configuration Manager**, and click **Next**.
3. In the **Configuration Maintenance** panel, select **Perform maintenance on an existing configuration**, and click **Next**.
4. In the **Old Configuration** panel, select the configuration for which to perform the maintenance and click **Next**.
5. In the **Feature Maintenance** panel, under **Teamcenter**, select **Add/Remove Feature** and click **Next**.
6. In the **Features** panel, select the following:
 - **Base Install** → **Teamcenter Foundation**
 - **Extensions** → **Supplier Relationship Management** → **Vendor Management on Rich Client — Usage**
 - **Extensions** → **Product Line Planning**
 - **Extensions** → **Softlines, Hardlines and Footwear**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Active Workspace**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Active Content Structure**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Schedule Manager**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Workflow**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Vendor Management on Rich Client — Usage**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Reuse and Standardization** → **Classification Server**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Retail Footwear and Apparel**
7. Select the following Active Workspace client extensions:

- **Base Install** → **Active Workspace** → **Client** → **Active Workspace Client (Java EE)**
 - **Base Install** → **Active Workspace** → **Client** → **Schedule Manager**
 - **Base Install** → **Active Workspace** → **Client** → **Workflow**
 - **Base Install** → **Active Workspace** → **Client** → **Active Content**
 - **Base Install** → **Active Workspace** → **Client** → **Vendor Management**
 - **Base Install** → **Active Workspace** → **Client** → **Retail Footwear and Apparel**
 - **Base Install** → **Active Workspace** → **Reuse and Standardization** → **Classification Client**
 - **Base Install** → **Active Workspace** → **Client** → **Retail Footwear and Apparel**
8. To install the retail techpack translator and the retail color image translator in the **Features** panel, select the following:
- **Active Workspace** → **Dispatcher** → **Client** → **Retail Techpack Dispatcher**
 - **Active Workspace** → **Dispatcher** → **Client** → **Retail Color Image Dispatcher**
 - **Active Workspace** → **Dispatcher** → **Translators** → **Retail Techpack Translator**
 - **Active Workspace** → **Dispatcher** → **Translators** → **Retail Color Image Translator**
9. In the **Confirmation** panel, verify that the following new configurations are listed.
- Softlines, Hardlines & Footwear
 - Retail Footwear and Apparel Client
 - Retail Footwear and Apparel Server
10. Click **Start** to begin the installation.
11. When the installation is complete, click **Close** and follow the next steps to update the **TC_ROOT** and **TC_DATA** values.
12. Stop all Dispatcher services if running.
13. Open *retailtechpackgeneratorservice.bat* or the *retailtechpackgeneratorservice.sh* file depending on the operating system from `<DISPATCHER ROOT>/Module/Translators/retailtechpackgeneratorservice`.

8. Click **Save** to save the ACE for the named ACL.
9. Close all dialog boxes.
10. Click to select the **Set Stage to Available** check box.
11. Click **Yes** to confirm that the workflow process template is visible to all users.
12. Log off from the Teamcenter session.

For more information on creating workflow templates and assigning groups and roles, in the Teamcenter help, in *Managing Changes and Workflows*, see *Workflow Designer*.

Import classification data and samples

Note:

You must perform the following steps if you are using out of the box samples.

1. Log on using the dba user ID and password.
2. Delete all files in the `TC_DATA/RetailSamples/operating-system/` folder.
3. Copy the `retail_samples.zip` file from the `KIT` folder to the `TC_DATA/RetailSamples/operating-system/` folder.
4. Extract the files from `TC_DATA/RetailSamples/operating-system/retail_samples.zip` within the same directory.
5. Set the environment variable `TC_USER_PASSWD` to the `Tc-admin-user` user password.
6. Run the following command from the Teamcenter command prompt:

```
perl TC_DATA/RetailSamples/OperatingSystem/samples/install_retailsamples.pl
```

Create datasets for generating techpacks

Teamcenter exports the data in form of Tc XML files. A number of XML style sheets (XSLs) are applied to transform the Tc XML to another form that is used by the Formatting Object Processor (FOP) software to generate a PDF document known as the *techpack*. For the XML style sheets (XSLs) to be part of the Teamcenter database, you must import them as datasets.

1. Open the Teamcenter command prompt.
2. Go to `TC_ROOT/bin`.

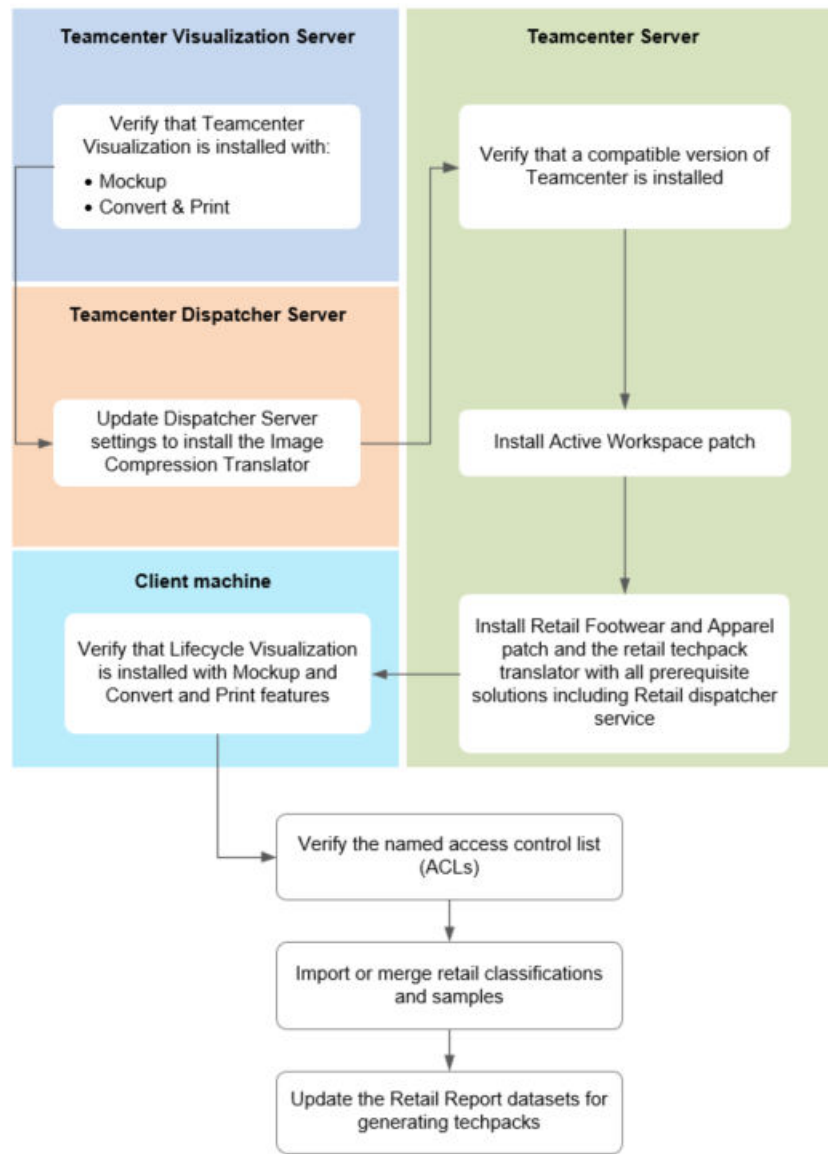
3. Run the following commands to create retail report elements. Make sure that you correct the directory entries as mentioned in the **-dir** options below.

- `create_retail_reports -u=Tc-admin-user
-p=password -g=group -name=AllTechpackXSL
-dir=TC_DATA\RetailSamples\windows\samples\reports\AllTechpackXSL
-overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group
-name=HardLineSetTechpackXSLs
-dir=TC_DATA\RetailSamples\windows\samples\reports\HardLineSetTechpackX
SLs -overwrite`
- `create_retail_reports -u=Tc-admin-user
-p=password -g=group -name=HardLineTechpackXSLs
-dir=TC_DATA\RetailSamples\windows\samples\reports\HardLineTechpackXSLs
-overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group
-name=HLComponentTechpackXSLs
-dir=TC_DATA\RetailSamples\windows\samples\reports\HLComponentTechpackX
SLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group
-name=SoftLineSetTechpackXSLs
-dir=TC_DATA\RetailSamples\windows\samples\reports\SoftLineSetTechpackX
SLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group
-name=MaterialTestingTemplateXSLs
-dir=TC_DATA\RetailSamples\windows\samples\reports\MaterialTestingTempl
ateXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group
-name=MultiFabricReportXSLs
-dir=TC_DATA\RetailSamples\windows\samples\reports\MultiFabricReportXSL
s -overwrite`
- `create_retail_reports -u=Tc-admin-user
-p=password -g=group -name=ProductTechpackXSLs
-dir=TC_DATA\RetailSamples\windows\samples\reports\ProductTechpackXSLs
-overwrite`
- `create_retail_reports -u=Tc-admin-user
-p=password -g=group -name=SetTechpackXSLs
-dir=TC_DATA\RetailSamples\windows\samples\reports\SetTechpackXSLs
-overwrite`

- `create_retail_reports -u=Tc-admin-user -p=password -g=group`
`-name=SingleLabDipReportXSLs`
`-dir=TC_DATA\RetailSamples\windows\samples\reports\SingleLabDipReportXS`
`Ls -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group`
`-name=SoftLineSetTechpackXSLs`
`-dir=TC_DATA\RetailSamples\windows\samples\reports\SoftLineSetTechpackX`
`SLs -overwrite`

5. Upgrade an existing version of Retail Footwear and Apparel

Taskflow to upgrade an existing installation of Retail Footwear and Apparel



Verify that Lifecycle Visualization is installed with the required features

Verify that Lifecycle Visualization is installed with Mockup and Convert and Print features.

For information about installing Lifecycle Visualization, in the *Installing Lifecycle Visualization* help, see *Installing Lifecycle Visualization*.

Install or update Dispatcher Server and update your settings

Performing a new installation of Dispatcher Server

If you do not have Dispatcher Server installed, before you deploy Retail Footwear and Apparel, you must install a compatible version of Dispatcher Server. To check which versions of Dispatcher Server are supported with Retail Footwear and Apparel, refer to the Hardware and Software Certifications knowledge base article on Support Center.

After installation, you must update the Dispatcher Server settings to install the Image Compression translator.

Patching or upgrading an existing Teamcenter installation

If you have an existing installation of Dispatcher Server, and it is not compatible with Retail Footwear and Apparel, you must patch or upgrade to a version that is supported. To check which versions of Dispatcher Server are supported with Retail Footwear and Apparel, refer to the Hardware and Software Certifications knowledge base article on Support Center.

After updating your Dispatcher Server, you must update the Dispatcher Server settings to install the Image Compression translator.

Update the Dispatcher Server settings

Run Teamcenter Environment Manager (TEM) from your `TC_ROOT\install` directory.

The `TC_ROOT` directory is the folder where you have installed Teamcenter, for example, `C:\app\tc`.

1. In the **Maintenance** panel, select **Configuration Manager**, and click **Next**.
2. In the **Configuration Maintenance** panel, select **Perform maintenance on an existing configuration**, and click **Next**.
3. In the **Old Configuration** panel, select the configuration for which to perform the maintenance and click **Next**.
4. In the **Feature Maintenance** panel, under **Teamcenter**, select **Modify Dispatcher Settings** and click **Next**.
5. In the **Operating System User** panel, enter the user ID and password, and click **Next**.
6. In the **Teamcenter Installation Location** panel, specify the location of the Teamcenter directories, and click **Next**.

7. In the **Flex License Client** panel, specify the settings for **SPLM_LICENSE_SERVER** and click **Next**.
8. In the **Teamcenter Administrative User** panel, enter the user name and password and click **Next**.
9. In the **Dispatcher Components** panel, specify the settings and click **Next**.
10. In the **Dispatcher Settings** panel, specify the settings and click **Next**.
11. In the **Select Translators** panel, under **TcVis Translators**, select **Image Compression**.

Note:
Teamcenter Lifecycle Visualization must be installed.

12. In the **Translator Settings** panel, enter the user name and password and click **Next**.

Note:
Make sure that **Vis Home Path** points to the correct path to the Teamcenter Lifecycle Visualization directory.

13. In the **Confirmation** panel, review the configuration information and click **Start** to begin the installation.
14. When the installation is complete, click **Close**.

Verify whether the Teamcenter installation is compatible

The Teamcenter version that you have installed on your system must be compatible with the latest version of Active Workspace.

If you do not have compatible version, you must install the latest version of Teamcenter with Product Line Planning and Vendor Management. For information on how to install Teamcenter, in the Teamcenter documentation, see *Installing Teamcenter*.

Install the Active Workspace patch

To patch your existing version of Active Workspace to the latest version:

1. From Support Center, download the Active Workspace patch ZIP file *Tcrelease_ActiveWorkspacerelease_num_platform.zip*.
2. Extract the kit to the required location, for example, *C:\kits\...\apps\TC_retail_patch_operating-system*.

3. Run Teamcenter Environment Manager (TEM) from your `TC_ROOT\install` directory.

The `TC_ROOT` directory is the folder where you have installed Teamcenter, for example, `C:\app\TC`.

4. In the **Maintenance** panel, select **Updates Manager** and click **Next**.
5. In the **Apply Updates** panel, in the **Update kit location** box, type or browse to the kit location. Make sure that the path includes the operating system folder.
6. Enter the system password and the dba password.
7. Proceed with the installation and complete the upgrade.

Install the Retail Footwear and Apparel patch

You must have Active Workspace installed before installing the Retail Footwear and Apparel patch.

1. Copy the `Tcversion_ActiveWorkspace_Retailrel_num_operating-system.zip` file to the system where Active Workspace is installed.
2. Extract the kit to the location where the Active Workspace patch is available, for example, `C:\kits\...\apps\TC_retail_patch_operating-system`.
3. Run Teamcenter Environment Manager (TEM) from your `TC_ROOT\install` directory.
4. In the **Maintenance** panel, select **Updates Manager** and click **Next**.
5. In the **Apply Updates** panel, in the **Update kit location** box, type or browse to the kit location. Make sure that the path includes the operating system folder.
6. Enter the system password and the dba password.
7. Proceed with the installation and complete the upgrade.
8. Once the upgrade is completed, in the `TC_ROOT\install\install\modules` folder, check whether the following files are present:
 - `feature_retail.xml`
 - `feature_ret1retailaw.xml`
 - `feature_ret1retailaw_client.xml`

If the files are present, the Retail Footwear and Apparel patching is successful.

Verify Teamcenter Lifecycle Visualization on client machine

While reviewing a product or a material sample, the reviewers may need to mark up images attached to a product or a material sample request. To enable the reviewers to create markups on images, make sure that Lifecycle Visualization with standard features is installed on the client machine.

For information about installing Lifecycle Visualization with standard features, in the *Teamcenter Lifecycle Visualization Installation Guide*, see *Installing Lifecycle Visualization*.

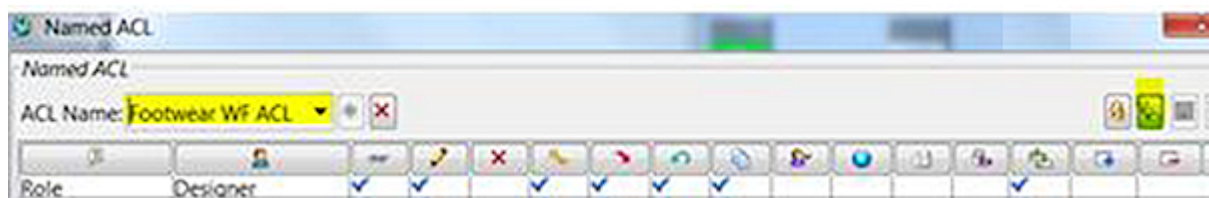
Verify named ACLs for Retail Footwear and Apparel

Before you begin to use workflows in Retail Footwear and Apparel, make sure that you have created a *named access control list (ACL) workflow*, renamed it (example: *Footwear ACL*), and set the required access control entries for it. To do so, perform the following steps:

1. Log on to Teamcenter using your dba ID and password and start the Workflow Designer application.
2. In the Workflow Designer application, select any dummy workflow process template, and click **Edit Mode**.
3. Click **Yes** to edit the workflow template in offline mode.
4. Click the **Task Attribute** panel.
5. In the **Task Attribute** dialog box, click **Named ACL**.
6. In the **Named ACL Panel** dialog box, in the **ACL Name** box, type **Footwear WF ACL** as the new ACL name and click **Create**.

The new ACL is added to the list of workflows named ACLs.

7. Add **Access Control Entries** to define the permissions for the new ACL. A sample entry is as follows.



8. Click **Save** to save the ACE for the named ACL.
9. Close all dialog boxes.
10. Click to select the **Set Stage to Available** check box.

11. Click **Yes** to confirm that the workflow process template is visible to all users.
12. Log off from the Teamcenter session.

Update datasets for generating techpacks

Teamcenter exports the data in form of Tc XML files. A number of XML style sheets (XSLs) are applied to transform the Tc XML to another form that is used by the Formatting Object Processor (FOP) software to generate a PDF document known as the *techpack*. For the XML style sheets (XSLs) to be part of the Teamcenter database, you must import them as datasets.

When you upgrade an existing version of Retail Footwear and Apparel, or migrate from SH&F to Retail Footwear and Apparel, make sure that you update the datasets as follows:

1. Open the Teamcenter command prompt.
2. Go to `TC_ROOT/bin`.
3. Run the following commands to create retail report elements. Make sure that you correct the directory entries as mentioned in the **-dir** options below.
 - `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=AllTechpackXSL -dir=TC_DATA\RetailSamples\windows\samples\reports\AllTechpackXSL -overwrite`
 - `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=HardLineSetTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\HardLineSetTechpackXSLs -overwrite`
 - `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=HardLineTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\HardLineTechpackXSLs -overwrite`
 - `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=HLComponentTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\HLComponentTechpackXSLs -overwrite`
 - `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=SoftLineSetTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\SoftLineSetTechpackXSLs -overwrite`

- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=MaterialTestingTemplateXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\MaterialTestingTemplateXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=MultiFabricReportXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\MultiFabricReportXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=ProductTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\ProductTechpackXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=SetTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\SetTechpackXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=SingleLabDipReportXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\SingleLabDipReportXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=SoftLineSetTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\SoftLineSetTechpackXSLs -overwrite`

Update queries from previous releases

Note:

When you update Softlines, Hardlines & Footwear to Retail Footwear and Apparel, you must perform the following steps to update the *queries* from the previous release.

1. Open the Teamcenter command prompt.
2. Run the following command.

```
plmxml_import -u=Tc-admin-user -p=password -g=group
-xml_file=Teamcenter-installation-directory/retail/retail_queries.xml -import_mode=overwrite
```

Note:

Make sure that the **TC_USER_PASSWD** and **TC_INSTALL_DIR** are set based on the installation user password and directory.

Migrate retail colors

Use the **migrate_retail_colors** utility to migrate data from the **Color**, **Ret0Colorway**, **ColorRevision**, and **Ret0ColorwayRevision** business objects to the new **Ret0RtlColor** and **Ret0RtlColorway** business objects.

Note:

You cannot retrieve the data that is updated by this utility.

Migrating Color, Ret0Colorway, ColorRevision, and Ret0ColorwayRevision objects that have OOTB properties

1. Stop all Teamcenter services.
2. Open the Teamcenter command prompt.
3. Log on as dba and run the following command:

```
migrate_retail_colors -u=<user_name> [-p=<password> | -pf=
<password_file>]
-g=<groupname> [-h]
```

Where

-u is the username

-p is the password

-pf is the path to the password file

-g is the group name

4. Restart Teamcenter services.

Migrating Color, Ret0Colorway, ColorRevision, and Ret0ColorwayRevision objects that have custom properties

Before you run the utility make sure that the corresponding new **Ret0RtlColor** or **Ret0RtlColorway** business objects are created.

1. Stop all Teamcenter services.
2. Open the Teamcenter command prompt.
3. Log on as dba and run the following command:

```
migrate_retail_colors -u=<username> [-p=<password> | -
pf=<password_file>]
-g=<groupname> -filepath=<configuration file path> [-h]
```

Where:

-u is the username

-p is the password

-pf is the path to the password file

-g is the group name

-filepath is the path to the configuration file, which contains the custom properties of **Color**, **ColorRevision**, **Ret0Colorway**, and **Ret0ColorwayRevision** business objects.

The format of the input file is as follows:

- The **Color** business object and its custom properties must be followed by `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT` after specifying the **Color** business object.
- The **ColorRevision** business object must be specified after the **Color** business object. You then specify the custom properties followed by `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT` after specifying the **ColorRevision** business object.
- The **Ret0Colorway** business object must be specified after the **ColorRevision** business object. You then specify the custom properties followed by `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT` after specifying the **Ret0Colorway** business object.
- The **Ret0ColorwayRevision** business object must be specified after the **Ret0Colorway** business object. You then specify the custom properties followed by `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT` after specifying the **Ret0ColorwayRevision** business object.
- For **CustomColorItem** objects, you must identify its corresponding new customer business object of type **Ret0RtlColor** or **Ret0RtlColorway**, specify the custom properties, and then enter `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT`.

- The **CustomColorItemRevision** object must be specified after **CustomColorItem**. You then specify the custom properties followed by **NEXTINPUT**. If custom properties are not defined, you can directly enter **NEXTINPUT** after specifying the **CustomColorItemRevision** business object.

You can use the following sample code to create your configuration file.

```
BusinessCustomObject:<Color>:<Ret0RtlColor>
<CustomProperty1 added on ColorRevision> // Ensure the same
property
is added to Ret0RtlColor
    <CustomProperty2 added on ColorRevision> // Ensure the same
property
is added to Ret0RtlColor
    NEXTINPUT
    BusinessCustomObject:<ColorRevision>:<Ret0RtlColor>
    <CustomProperty1 added on ColorRevision> // Ensure the same
property
is added to Ret0RtlColor
    <CustomProperty2 added on ColorRevision> // Ensure the same
property is added to Ret0RtlColor
    NEXTINPUT
    BusinessCustomObject:<FromCustomColor>:<ToCustomRet0RtlColor>
// First CUSTOM ITEM must be listed
and then its revision
    <Property1 Of FromCustomColor> // Ensure the same property
is added to ToCustomRet0RtlColor
    <Property2 Of FromCustomColor> // Ensure the same property
is added to ToCustomRet0RtlColor
    NEXTINPUT

BusinessCustomObject:<FromCustomColorRevision>:<ToCustomRet0RtlCo
lor>
// Revision
must follow its corresponding ITEM
    <Property1 of FromCustomColorRevision> // Ensure the same
property is added to ToCustomRet0RtlColor
    <Property2 of FromCustomColorRevision> // Ensure the same
property is added to ToCustomRet0RtlColor
    NEXTINPUT
```

4. Restart Teamcenter services.

Import classification data and samples

Note:

You must perform the following steps if you are using out of the box samples.

1. Log on using the dba user ID and password.
2. Delete all files in the `TC_DATA/RetailSamples/operating-system/` folder.
3. Copy the `retail_samples.zip` file from the `KIT` folder to the `TC_DATA/RetailSamples/operating-system/` folder.
4. Extract the files from `TC_DATA/RetailSamples/operating-system/retail_samples.zip` within the same directory.
5. Set the environment variable `TC_USER_PASSWD` to the `Tc-admin-user` user password.
6. Run the following command from the Teamcenter command prompt:

```
perl TC_DATA/RetailSamples/OperatingSystem/samples/install_retailsamples.pl
```

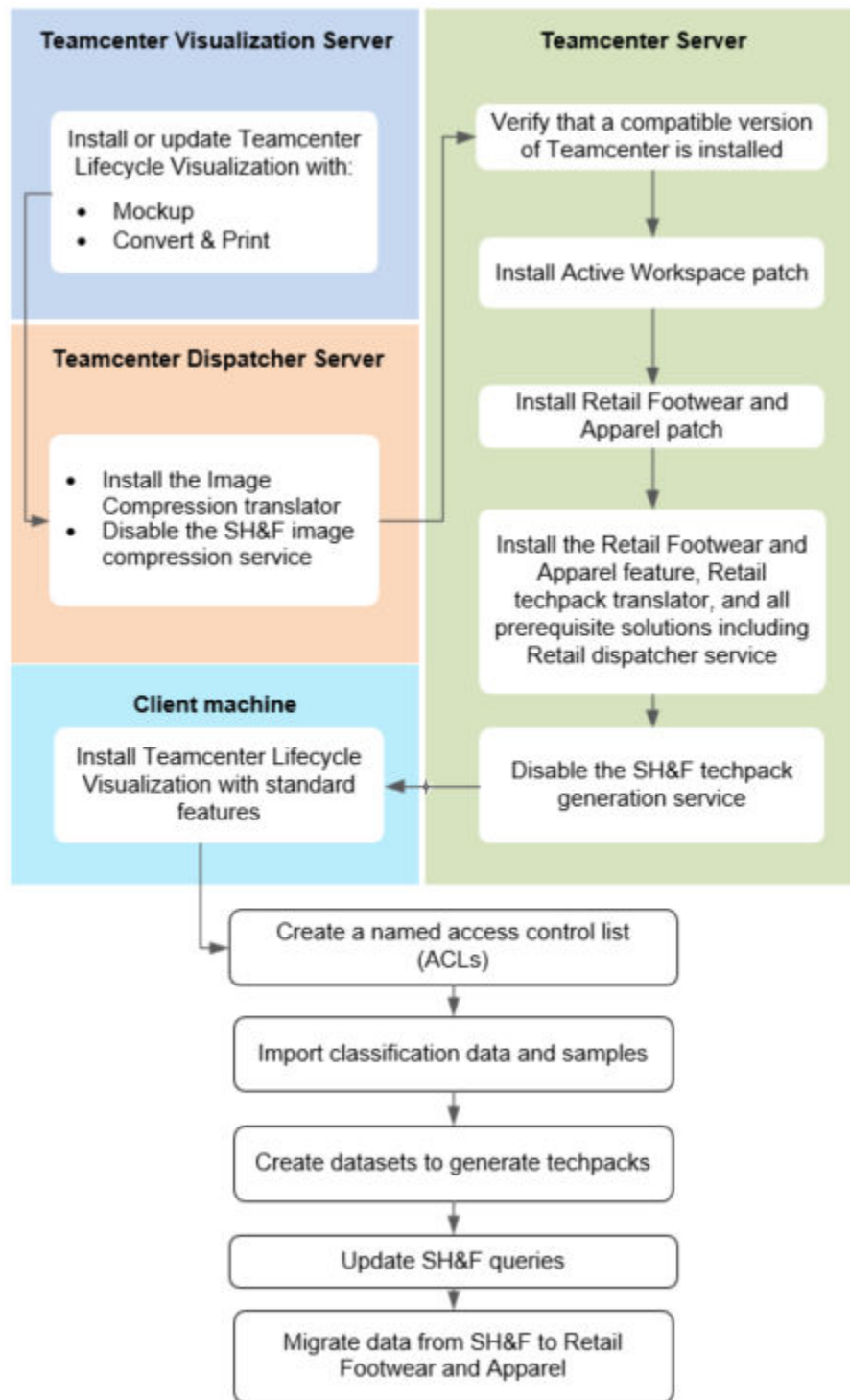

6. Migrate from Softlines Hardlines and Footwear to Retail Footwear and Apparel

Back up database files

If you upgrade a Teamcenter database, as a precaution against possible data loss and in cases of reverting to the previous installation, you must back up all the database files.

For more information about backing up the database, in the Teamcenter documentation, see *Installing Teamcenter*.

Taskflow to install Retail Footwear and Apparel while migrating from SH&F



Install or update Teamcenter Lifecycle Visualization

You must install Teamcenter Lifecycle Visualization with Mockup and with Convert and Print features.

Performing a new Teamcenter Lifecycle Visualization installation

If you do not have Teamcenter Lifecycle Visualization installed, before you deploy Retail Footwear and Apparel, you must install a compatible version of Teamcenter Lifecycle Visualization with Mockup and with Convert and Print features. To find which versions of Teamcenter Lifecycle Visualization are supported with Active Workspace, refer to the Hardware and Software Certifications knowledge base article on Support Center.

For information about installing Teamcenter Lifecycle Visualization, see *Teamcenter Lifecycle Visualization installation* documentation.

Patching or upgrading an existing Teamcenter Lifecycle Visualization installation

If your existing Teamcenter Lifecycle Visualization installation is not compatible with the version of Active Workspace and Retail Footwear and Apparel that you want to deploy, you must patch or upgrade your existing version of Teamcenter Lifecycle Visualization. To find which versions of Teamcenter Lifecycle Visualization are supported with Active Workspace, refer to the Hardware and Software Certifications knowledge base article on Support Center.

For information about patching or upgrading an existing Teamcenter Lifecycle Visualization installation, see *Teamcenter Lifecycle Visualization installation* documentation.

Install or update Dispatcher Server and update your settings

Performing a new installation of Dispatcher Server

If you do not have Dispatcher Server installed, before you deploy Retail Footwear and Apparel, you must install a compatible version of Dispatcher Server. To check which versions of Dispatcher Server are supported with Retail Footwear and Apparel, refer to the Hardware and Software Certifications knowledge base article on Support Center.

After installation, you must update the Dispatcher Server settings to install the Image Compression translator.

Patching or upgrading an existing Teamcenter installation

If you have an existing installation of Dispatcher Server, and it is not compatible with Retail Footwear and Apparel, you must patch or upgrade to a version that is supported. To check which versions of Dispatcher Server are supported with Retail Footwear and Apparel, refer to the Hardware and Software Certifications knowledge base article on Support Center.

After updating your Dispatcher Server, you must update the Dispatcher Server settings to install the Image Compression translator.

Update the Dispatcher Server settings

Run Teamcenter Environment Manager (TEM) from your `TC_ROOT\install` directory.

The `TC_ROOT` directory is the folder where you have installed Teamcenter, for example, `C:\app\tc`.

1. In the **Maintenance** panel, select **Configuration Manager**, and click **Next**.
2. In the **Configuration Maintenance** panel, select **Perform maintenance on an existing configuration**, and click **Next**.
3. In the **Old Configuration** panel, select the configuration for which to perform the maintenance and click **Next**.
4. In the **Feature Maintenance** panel, under **Teamcenter**, select **Modify Dispatcher Settings** and click **Next**.
5. In the **Operating System User** panel, enter the user ID and password, and click **Next**.
6. In the **Teamcenter Installation Location** panel, specify the location of the Teamcenter directories, and click **Next**.
7. In the **Flex License Client** panel, specify the settings for `SPLM_LICENSE_SERVER` and click **Next**.
8. In the **Teamcenter Administrative User** panel, enter the user name and password and click **Next**.
9. In the **Dispatcher Components** panel, specify the settings and click **Next**.
10. In the **Dispatcher Settings** panel, specify the settings and click **Next**.
11. In the **Select Translators** panel, under **TcVis Translators**, select **Image Compression**.

Note:

Teamcenter Lifecycle Visualization must be installed.

12. In the **Translator Settings** panel, enter the user name and password and click **Next**.

Note:

Make sure that **Vis Home Path** points to the correct path to the Teamcenter Lifecycle Visualization directory.

13. In the **Confirmation** panel, review the configuration information and click **Start** to begin the installation.
14. When the installation is complete, click **Close**.

Disable the SH&F image compression service

Active Workspace provides an image compression service. When you configure this service, we recommend that you perform the following steps to disable the SH&F image compression service.

1. Open the *Dispatcher-root\Module\conf\translator.xml* file.
2. In the **SHFImageCompressionService** section, set `isactive` to `false`.

```
<SHFImageCompressionService provider="SIEMENS" service=vshfimagecompressionservice"
isactive="false">
  <TransExecutable dir="&MODULEBASE;/Translators/shfimagecompressionservice"
name="shfimagecompressionservice.bat"/>
  <Options>
    <Option name="clientoption" optionkey="SRCFILEPATH" string="" value=""
description="The source file."/>
    <Option name="clientoption" optionkey="DSTDIRPATH" string="" value=""
description="The destination folder path."/>
    <Option name="clientoption" optionkey="SIZES" string="" value=""
description="The different sizes of the derived files."/>
    <Option name="clientoption" optionkey="SIZESTYPES" string="" value=""
description="The derived files types."/>
    <Option name="clientoption" optionkey="FILENAMEWITHOUTEXT" string="" value=""
description="The source file name without extension."/>
  </Options>
</SHFImageCompressionService>
```

3. Restart the **Dispatcher Client**, **Dispatcher Server Scheduler**, and **Dispatcher Server Module** services.

The image compression service in Active Workspace uses a new data model. After you disable the SH&F image compression service, you must migrate data from the previous data model to the new data model by [running the `migrate_derived_images` utility](#).

Verify whether the Teamcenter installation is compatible

The Teamcenter version that you have installed on your system must be compatible with the latest version of Active Workspace.

If you do not have compatible version, you must install the latest version of Teamcenter with Product Line Planning and Vendor Management. For information on how to install Teamcenter, in the Teamcenter documentation, see *Installing Teamcenter*.

Install or update Active Workspace

Before you install the Active Workspace patch, Active Workspace must be installed on your system. For more information about installing Active Workspace, in the Active Workspace documentation see *Active Workspace Installation*.

Install the Active Workspace patch

To patch your existing version of Active Workspace to the latest version:

1. From Support Center, download the Active Workspace patch ZIP file *Tcrelease_ActiveWorkspacerelease_num_platform.zip*.
2. Extract the kit to the required location, for example, *C:\kits\...\apps\TC_retail_patch_operating-system*.
3. Run Teamcenter Environment Manager (TEM) from your *TC_ROOT\install* directory.

The *TC_ROOT* directory is the folder where you have installed Teamcenter, for example, *C:\app\TC*.

4. In the **Maintenance** panel, select **Updates Manager** and click **Next**.
5. In the **Apply Updates** panel, in the **Update kit location** box, type or browse to the kit location. Make sure that the path includes the operating system folder.
6. Enter the system password and the dba password.
7. Proceed with the installation and complete the upgrade.

Install the Retail Footwear and Apparel patch

You must have Active Workspace installed before installing the Retail Footwear and Apparel patch.

1. Copy the *Tcversion_ActiveWorkspace_Retailrel_num_operating-system.zip* file to the system where Active Workspace is installed.
2. Extract the kit to the location where the Active Workspace patch is available, for example, *C:\kits\...\apps\TC_retail_patch_operating-system*.
3. Run Teamcenter Environment Manager (TEM) from your *TC_ROOT\install* directory.
4. In the **Maintenance** panel, select **Updates Manager** and click **Next**.
5. In the **Apply Updates** panel, in the **Update kit location** box, type or browse to the kit location. Make sure that the path includes the operating system folder.

6. Enter the system password and the dba password.
7. Proceed with the installation and complete the upgrade.
8. Once the upgrade is completed, in the `TC_ROOT\install\install\modules` folder, check whether the following files are present:
 - `feature_retail.xml`
 - `feature_ret1retailaw.xml`
 - `feature_ret1retailaw_client.xml`

If the files are present, the Retail Footwear and Apparel patching is successful.

Install the Retail Footwear and Apparel feature and retail techpack translator

1. Start Teamcenter Environment Manager from where you have installed Teamcenter, for example, `C:\new_tc\TC\tcroot\install\tem.bat`.
2. In the **Maintenance** panel, select **Configuration Manager**, and click **Next**.
3. In the **Configuration Maintenance** panel, select **Perform maintenance on an existing configuration**, and click **Next**.
4. In the **Old Configuration** panel, select the configuration for which to perform the maintenance and click **Next**.
5. In the **Feature Maintenance** panel, under **Teamcenter**, select **Add/Remove Features** and click **Next**.
6. In the **Features** panel, select the following:
 - **Base Install** → **Teamcenter Foundation**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Active Workspace**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Active Content Structure**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Schedule Manager**
 - **Base Install** → **Active Workspace** → **Server Extensions** → **Workflow**

- **Base Install → Active Workspace → Server Extensions → Vendor Management on Rich Client — Usage**
 - **Base Install → Active Workspace → Server Extensions → Retail Footwear and Apparel**
 - **Base Install → Active Workspace → Server Extensions → Reuse and Standardization → Classification Server**
7. Select the following Active Workspace client extensions:
- **Base Install → Active Workspace → Client → Retail Footwear and Apparel**
 - **Base Install → Active Workspace → Client → Active Workspace Client (Java EE)**
 - **Base Install → Active Workspace → Client → Schedule Manager**
 - **Base Install → Active Workspace → Client → Workflow**
 - **Base Install → Active Workspace → Client → Active Content**
 - **Base Install → Active Workspace → Client → Vendor Management**
 - **Base Install → Active Workspace → Client → Retail Footwear and Apparel**
 - **Base Install → Active Workspace → Reuse and Standardization → Classification Client**
8. To install the retail techpack translator, in the **Features** panel, select the following:
- **Active Workspace → Dispatcher → Client → Retail Techpack Dispatcher**
 - **Active Workspace → Dispatcher → Translators → Retail Techpack Translator**
9. In the **Confirmation** panel, verify that the following new configurations are listed.
- Softlines, Hardlines & Footwear
 - Retail Footwear and Apparel Client
 - Retail Footwear and Apparel Server
10. Click **Start** to begin the installation.
11. When the installation is complete, click **Close** and follow the next steps to update the **TC_ROOT** and **TC_DATA** values.
12. Stop all Dispatcher services if running.

13. Open *retailtechpackgeneratorservice.bat* or the *retailtechpackgeneratorservice.sh* file depending on the operating system from `<DISPATCHER ROOT>/Module/Translators/retailtechpackgeneratorservice`.
14. Update the **TC_ROOT** and **TC_DATA** values with a fully qualified path as per the current installation.
15. Save and close the file.
16. Restart all Dispatcher services.

Disable the SH&F techpack generation service

Active Workspace provides a **techpack generation service**. When you configure this service, we recommend that you perform the following steps to disable the SH&F techpack generation service.

1. Open the *Dispatcher-root\Module\conf\translator.xml* file.
2. In the **SHFTechpackGeneratorService** section, set `isactive` to `false`.

```
<!--Configuration of the shftechackgeneratorservice translator -->

<SHFTechpackGeneratorService provider=" service="shftechpackgeneratorservice"
isactive="false"

<TransExecutable dir="&MODULEBASE;Translators/shftechpackgeneratorservice"
name="shftechpackgeneratorservice.bat"/>
<Options>
<Option name="clientoption" optionkey="-f" string="" value=""
description="The file with input parameters."/>
</Options>
</SHFTechpackGeneratorService>
```

3. Restart the **Dispatcher Client**, **Dispatcher Server Scheduler**, and **Dispatcher Server Module** services.

Verify Teamcenter Lifecycle Visualization on client machine

While reviewing a product or a material sample, the reviewers may need to mark up images attached to a product or a material sample request. To enable the reviewers to create markups on images, make sure that Lifecycle Visualization with standard features is installed on the client machine.

For information about installing Lifecycle Visualization with standard features, in the *Teamcenter Lifecycle Visualization Installation Guide*, see *Installing Lifecycle Visualization*.

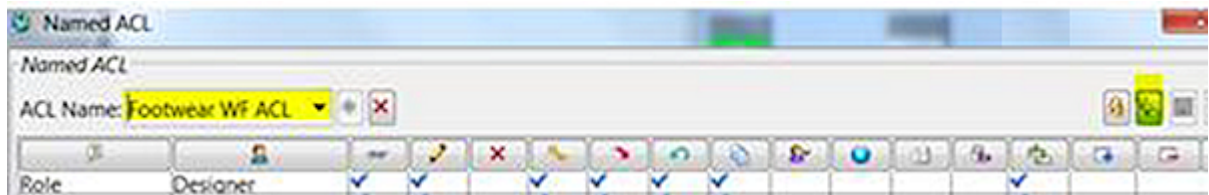
Create a named access control list for Retail Footwear and Apparel

Before you begin to use workflows in Retail Footwear and Apparel, you must perform the following steps to create a *named access control list* (ACL) workflow, rename it (example: *Footwear ACL*), and set the required access control entries for it.

1. Log on to Teamcenter using your dba ID and password and start the Workflow Designer application.
2. In the Workflow Designer application, select any dummy workflow process template, and click **Edit Mode**.
3. Click **Yes** to edit the workflow template in offline mode.
4. Click the **Task Attribute** panel.
5. In the **Task Attribute** dialog box, click **Named ACL**.
6. In the **Named ACL** dialog box, in the **ACL Name** box, type **Footwear WF ACL** as the new ACL name and click **Create**.

The new ACL is added to the list of workflows named ACLs.

7. Add **Access Control Entries** to define the permissions for the new ACL. A sample entry is shown below.



8. Click **Save** to save the ACE for the named ACL.
9. Close all dialog boxes.
10. Click to select the **Set Stage to Available** check box.
11. Click **Yes** to confirm that the workflow process template is visible to all users.
12. Log off from the Teamcenter session.

For more information on creating workflow templates and assigning groups and roles, in the Teamcenter help, in *Managing Changes and Workflows*, see *Workflow Designer*.

Import classification data and samples

Note:

You must perform the following steps if you are using out of the box samples.

1. Log on using the dba user ID and password.
2. Delete all files in the `TC_DATA/RetailSamples/operating-system/` folder.
3. Copy the `retail_samples.zip` file from the `KIT` folder to the `TC_DATA/RetailSamples/operating-system/` folder.
4. Extract the files from `TC_DATA/RetailSamples/operating-system/retail_samples.zip` within the same directory.
5. Set the environment variable `TC_USER_PASSWD` to the `Tc-admin-user` user password.
6. Run the following command from the Teamcenter command prompt:

```
perl TC_DATA/RetailSamples/OperatingSystem/samples/install_retailsamples.pl
```

Update datasets for generating techpacks

Teamcenter exports the data in form of Tc XML files. A number of XML style sheets (XSLs) are applied to transform the Tc XML to another form that is used by the Formatting Object Processor (FOP) software to generate a PDF document known as the *techpack*. For the XML style sheets (XSLs) to be part of the Teamcenter database, you must import them as datasets.

When you upgrade an existing version of Retail Footwear and Apparel, or migrate from SH&F to Retail Footwear and Apparel, make sure that you update the datasets as follows:

1. Open the Teamcenter command prompt.
2. Go to `TC_ROOT/bin`.
3. Run the following commands to create retail report elements. Make sure that you correct the directory entries as mentioned in the `-dir` options below.

- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=AllTechpackXSL -dir=TC_DATA\RetailSamples\windows\samples\reports\AllTechpackXSL -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=HardLineSetTechpackXSLs`

```
-dir=TC_DATA\RetailSamples\windows\samples\reports\HardLineSetTechpackXSLs -overwrite
```

- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=HardLineTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\HardLineTechpackXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=HLComponentTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\HLComponentTechpackXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=SoftLineSetTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\SoftLineSetTechpackXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=MaterialTestingTemplateXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\MaterialTestingTemplateXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=MultiFabricReportXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\MultiFabricReportXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=ProductTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\ProductTechpackXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=SetTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\SetTechpackXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=SingleLabDipReportXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\SingleLabDipReportXSLs -overwrite`
- `create_retail_reports -u=Tc-admin-user -p=password -g=group -name=SoftLineSetTechpackXSLs -dir=TC_DATA\RetailSamples\windows\samples\reports\SoftLineSetTechpackXSLs -overwrite`

Update queries from previous releases

Note:

When you update Softlines, Hardlines & Footwear to Retail Footwear and Apparel, you must perform the following steps to update the *queries* from the previous release.

1. Open the Teamcenter command prompt.
2. Run the following command.

```
plmxml_import -u=Tc-admin-user -p=password -g=group
-xml_file=Teamcenter-installation-directory/retail/retail_queries.xml -import_mode=overwrite
```

Note:

Make sure that the **TC_USER_PASSWD** and **TC_INSTALL_DIR** are set based on the installation user password and directory.

Migrating data from SH&F to Retail Footwear and Apparel

Migrate dataset comments

The **ret0Comments** property is deprecated. To migrate comments from a dataset, from the **ret0Comments** property to the **object_desc** property, do the following:

1. Stop all Teamcenter services.
2. Open the Teamcenter command prompt.
3. Log on as dba and run the following command:

```
migrate_dataset_comments -u=<user_name> -p=<password> -g=<user_group>
```

4. Restart Teamcenter services.

Note:

- Characters beyond the 240 limit in **ret0Comments** are truncated and moved to **object_desc**. All data remains in the **ret0Comments** property.
- If a dataset uses the **object_desc** property, the utility does not overwrite the comments for that dataset.

Migrate data for the image compression service

The Active Workspace image compression service uses a new data model. To migrate the data from the previous data model to the new one, run the following utility.

1. Stop all Teamcenter services.
2. Open the Teamcenter command prompt where *TC_ROOT*, *TC_DATA*, and *TC_DATA/tc_profilevars* are set.
3. Log on as dba and run the following command:

```
migrate_derived_images -u=<user_name> -p=<password> -g=<user_group>
```

4. Restart Teamcenter services.

Migrate grade rule formula values

In Active Workspace the formula values of the grade rules in the measurement tables of a grade rule template or product are stored in the database in absolute format for all the sizes.

To migrate any existing grade rule formula values in such measurement tables, from the graded to the absolute format, do the following:

1. Stop all Teamcenter services.
2. Open the Teamcenter command prompt.
3. Log on as dba and run the following command:

```
migrate_grade_rule_formula_values -u=<user_name>  
-p=<password> -g=<user_group>
```

4. Restart Teamcenter services.

Migrate construction templates, construction tables, and construction details

The new construction data model supports alignment with Teamcenter Manufacturing Bill of Process. When you migrate the construction template, construction table, and construction details from the old model to the new data model using the `migrate_constructions` utility, the construction details defined for a product in Retail Footwear and Apparel can be assigned to a Bill of Process.

1. Stop all Teamcenter services.
2. Open the Teamcenter command prompt.

3. Log on as dba and run the following command:

```
migrate_constructions -u=<user_name>
-p=<password> -g=<user_group>
```

4. Check the log file to verify successful migration.

Note:

In case the utility does not run successfully, contact Customer Support.

5. Restart Teamcenter services.

Migrate retail colors

Use the **migrate_retail_colors** utility to migrate data from the **Color**, **Ret0Colorway**, **ColorRevision**, and **Ret0ColorwayRevision** business objects to the new **Ret0RtlColor** and **Ret0RtlColorway** business objects.

Note:

You cannot retrieve the data that is updated by this utility.

Migrating Color, Ret0Colorway, ColorRevision, and Ret0ColorwayRevision objects that have OOTB properties

1. Stop all Teamcenter services.
2. Open the Teamcenter command prompt.
3. Log on as dba and run the following command:

```
migrate_retail_colors -u=<user_name> [-p=<password> | -pf=
<password_file>]
-g=<groupname> [-h]
```

Where

-u is the username

-p is the password

-pf is the path to the password file

-g is the group name

- Restart Teamcenter services.

Migrating Color, Ret0Colorway, ColorRevision, and Ret0ColorwayRevision objects that have custom properties

Before you run the utility make sure that the corresponding new **Ret0RtlColor** or **Ret0RtlColorway** business objects are created.

- Stop all Teamcenter services.
- Open the Teamcenter command prompt.
- Log on as dba and run the following command:

```
migrate_retail_colors -u=<username> [-p=<password> | -
pf=<password_file>]
-g=<groupname> -filepath=<configuration file path> [-h]
```

Where:

-u is the username

-p is the password

-pf is the path to the password file

-g is the group name

-filepath is the path to the configuration file, which contains the custom properties of **Color**, **ColorRevision**, **Ret0Colorway**, and **Ret0ColorwayRevision** business objects.

The format of the input file is as follows:

- The **Color** business object and its custom properties must be followed by `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT` after specifying the **Color** business object.
- The **ColorRevision** business object must be specified after the **Color** business object. You then specify the custom properties followed by `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT` after specifying the **ColorRevision** business object.
- The **Ret0Colorway** business object must be specified after the **ColorRevision** business object. You then specify the custom properties followed by `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT` after specifying the **Ret0Colorway** business object.

- The **Ret0ColorwayRevision** business object must be specified after the **Ret0Colorway** business object. You then specify the custom properties followed by `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT` after specifying the **Ret0ColorwayRevision** business object.
- For **CustomColorItem** objects, you must identify its corresponding new customer business object of type **Ret0RtlColor** or **Ret0RtlColorway**, specify the custom properties, and then enter `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT`.
- The **CustomColorItemRevision** object must be specified after **CustomColorItem**. You then specify the custom properties followed by `NEXTINPUT`. If custom properties are not defined, you can directly enter `NEXTINPUT` after specifying the **CustomColorItemRevision** business object.

You can use the following sample code to create your configuration file.

```

BusinessCustomObject:<Color>:<Ret0RtlColor>
<CustomProperty1 added on ColorRevision> // Ensure the same
property
is added to Ret0RtlColor
    <CustomProperty2 added on ColorRevision> // Ensure the same
property
is added to Ret0RtlColor
    NEXTINPUT
    BusinessCustomObject:<ColorRevision>:<Ret0RtlColor>
    <CustomProperty1 added on ColorRevision> // Ensure the same
property
is added to Ret0RtlColor
    <CustomProperty2 added on ColorRevision> // Ensure the same
property is added to Ret0RtlColor
    NEXTINPUT
    BusinessCustomObject:<FromCustomColor>:<ToCustomRet0RtlColor>
// First CUSTOM ITEM must be listed
and then its revision
    <Property1 Of FromCustomColor> // Ensure the same property
is added to ToCustomRet0RtlColor
    <Property2 Of FromCustomColor> // Ensure the same property
is added to ToCustomRet0RtlColor
    NEXTINPUT

BusinessCustomObject:<FromCustomColorRevision>:<ToCustomRet0RtlCo
lor>
// Revision
must follow its corresponding ITEM
    <Property1 of FromCustomColorRevision> // Ensure the same
property is added to ToCustomRet0RtlColor
    <Property2 of FromCustomColorRevision> // Ensure the same

```

```
property is added to ToCustomRet0RtlColor  
NEXTINPUT
```

4. Restart Teamcenter services.

Migrate departments with brand information

Use the **migrate_departments_with_brands_info** utility to update a department with the brand information. This utility also updates the **Ret0_Department_Rel** business objects which contain the brand information of departments that are related to a retail product or a grade rule template.

1. Stop all Teamcenter services.
2. Open the Teamcenter command prompt.
3. Log on as **dba** and run the following command:

```
migrate_departments_with_brands_info -u=<user_name>  
-p=<password> -g=<user_group>
```

4. Restart Teamcenter services.

7. Deploying Retail Footwear and Apparel documentation on your local drive or network

You can deploy the Retail Footwear and Apparel documentation on your local drive or network. See the [Siemens Help Server documentation](#) for instructions to deploy the documentation on your local drive or network.