

TIBCO Spotfire[®] Connector for Pipeline Pilot 1.0 – Installation Manual

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1 Introduction

This manual explains how to install and set up the TIBCO Spotfire® Connector for Pipeline Pilot at your site. This extension provides the possibility to run Pipeline Pilot protocols from within TIBCO Spotfire and use the results from the computations in your analysis.

1.1 Prerequisites

This Installation Manual explains the steps required to deploy and set up TIBCO Spotfire Connector for Pipeline Pilot, based on the assumption that you have previously performed the following tasks:

1. Deployed TIBCO Spotfire at your site.
2. Uploaded the Distribution Package and Installation Documentation to a local disk on the target machine.

Tip: Tasks 1 and 2 are explained in detail in the *TIBCO Spotfire® 3.0 Deployment and Administration Manual*.

2 Installation

2.1 Installation Overview

The actual features and functionality of TIBCO Spotfire Connector for Pipeline Pilot are contained in the software packages. These packages are bundled into a distribution which is deployed on the TIBCO Spotfire Server.

When the end users start Spotfire on their computers, they will log into the Spotfire Server and download the deployment there, automatically downloading any newer or added packages. Depending on the licenses that are enabled for each user, varying features may appear in each user's application.

There are some initial steps you must perform when deploying TIBCO Spotfire Connector for Pipeline Pilot on a Spotfire Server. These are:

1. Deploying the distribution package.
2. Setting up licenses.
3. Setting the global ConfigurationFolder preference property.
4. Verifying the configuration.

Please follow the instructions in this manual carefully.

2.2 Deploying the Distribution Package

Note: For more details on deploying new packages, refer to section 2.3 of the *TIBCO® Spotfire® 3.0 Deployment and Administration Manual*.

► Deploying the extension package to the server:

1. Start TIBCO Spotfire and log in with an administrator account.
2. From the menu, select **Tools > Administration Manager**.
3. Select the **Deployment** tab.
4. Click **New Deployment**.
5. Select **Base new deployment on: Copy of deployment on server** on the **Production Area**.
6. Click **OK**.
7. Click on the white rectangle named **New Deployment** under the Server areas section.
Response: The packages from the Production Area should now appear in the list of Included packages.
8. Click on the **Add** button.
9. Navigate to the folder where you have placed the extension package. Select the deployment file **TIB_PipelinePilot_1.0.0.spk**.
10. Click **Open**.
Response: The new packages, included in the imported distribution file, will now be added. If the packages already on the Production Area do not have any newer versions in the new distribution file, they will remain the same as prior to the update.
11. Verify that the Warning Details button is inactive. This means all packages are functional. If the button is active, click on it to find out more about the problem that has occurred.
12. Click **Publish**.
Response: The Publish dialog is displayed.

13. Select **Production Area** in the drop-down box.
Comment: The Test Area can also be used if a smaller number of people will test the extension prior to general access.
14. Enter Version: **1.0**
15. Enter a suitable Description, for example: **TIBCO Spotfire Connector for Pipeline Pilot**
Comment: If more extensions have been deployed to the server, make sure to keep all important information from previous deployments as well.
16. Click **OK**.
17. The green rectangle under the Server areas section should now be updated to show something like this:

Production Area
Version 1.0
TIBCO Spotfire Connector for Pipeline Pilot

2.3 Setting up Licenses

All Spotfire Pipeline Pilot Connector users must have certain license functions enabled in order to use the new functionalities. If you are using anonymous/preconfigured authentication, then the preconfigured single user that has been set up must have these license functions.

You can configure licenses from the TIBCO Spotfire Administration Manager.

At present, these are the license functions that are relevant for Spotfire Pipeline Pilot Connector:

- **Access to Extensions** - this license function is needed in order to use any extension to TIBCO Spotfire.
- **Pipeline Pilot - Configure and Run Guide Tools** - this license function is needed for a user to configure and run computations as guide tools from the Tools menu.
- **Pipeline Pilot - Configure Computations** - this license function is needed for a user to be able to configure computations from Pipeline Pilot protocols. These computations can then be run within TIBCO Spotfire.
- **Pipeline Pilot - Data Source** - this license function is needed for a user to be able to run pre-configured computations, based on Pipeline Pilot protocols, as data sources in TIBCO Spotfire.
- **Pipeline Pilot - Run Computation** - this license function is needed for a user to be able to run pre-configured computations, based on Pipeline Pilot protocols, from the Tools menu in TIBCO Spotfire.
- **Pipeline Pilot - Server Administration** - this license function is needed for a user to be able to define which protocols on the Pipeline Pilot server should be available for configuration into TIBCO Spotfire computations.
- **Pipeline Pilot - Transformation** - this license function is needed for a user to be able to run pre-configured computations, based on Pipeline Pilot protocols, as transformations in TIBCO Spotfire.

► **To Configure License Functions:**

1. Start TIBCO Spotfire and log in as an administrator.
2. Select **Tools > Administration Manager**.
3. Select the **Groups and Licenses** tab.
4. Click on the **Licenses** tab in the right hand pane.
5. For each group of users that will use Spotfire Pipeline Pilot Connector, click the **Edit** button, select the check boxes for the above mentioned license functions and click **OK**.

2.4 Setting the global preference property

To make the TIBCO Spotfire Connector for Pipeline Pilot work you also need to set a global preference property which specifies a shared disc resource for storage of server and protocol configurations. It is defined as follows:

1. Start TIBCO Spotfire and log in as an administrator.
2. Select **Tools > Administration Manager**.
3. Select the **Preferences** tab.
4. For any group that should be able to use the Pipeline Pilot Connector in TIBCO Spotfire, click on the group name in the **Selected group** list to the left.
5. On the Preferences tab, locate the “ConfigurationFolder” preference property under the category “Pipeline Pilot Connector”.
6. Click **Edit**.
Response: The Edit Preferences dialog is displayed.
7. Click in the field to the right of the ConfigurationFolder property and enter the path to the shared disc resource.
Note: All persons doing Pipeline Pilot server administration and all persons who are configuring computations must have read and write access to the shared disc resource. All end users must have at least read access.
8. Click **OK**.
9. Restart TIBCO Spotfire for the changes to take effect.

Note that the preference property must be set for all groups that should be able use the Pipeline Pilot Connector in TIBCO Spotfire.

3 Testing the Installation

Test the TIBCO Spotfire Connector for Pipeline Pilot tools to verify that your installation works as intended.

► **To start the TIBCO Spotfire Connector for Pipeline Pilot tools:**

1. Select **Tools > TIBCO Spotfire Connector for Pipeline Pilot** and select each tool to verify that it works. You will need to log into a Pipeline Pilot server to be able to run most of the tools.

Please see the following chapters in the TIBCO Spotfire Connector for Pipeline Pilot User's Manual for information on how to set up Pipeline Pilot protocols and computations for the end users:

- Managing Pipeline Pilot Servers
- Determining which Pipeline Pilot Protocols Should be Available in Spotfire
- Adding a New Computation

4 Appendix

4.1 Third Party Software Notices

Pipeline Pilot (nalpp.dll) 7.5.2.300

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