

TIBCO Spotfire[®] Extension for OpenSpirit[®]

Installation Guide

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Installation

Installing the Spotfire Extension involves deploying the extension package to the Spotfire server, installing the Spotfire Extension license feature, and loading the Spotfire model views into the OpenSpirit runtime.

Supported Platforms

The Spotfire Extension is supported on the Microsoft Windows operating systems that both the TIBCO OpenSpirit Runtime and TIBCO Spotfire Analyst are supported on. Refer to the release notes for these products for operating system platform requirements.

System Requirements

The Spotfire Extension requires TIBCO Spotfire Analyst version 7.5.0 or higher and TIBCO OpenSpirit Runtime version 4.1.0 or higher. Several ESRI ArcMap workflows described in this help guide require ESRI ArcGIS Desktop version 10.1 or higher and the TIBCO OpenSpirit Extension for ArcGIS version 2015.0.0 or higher.

Installing the Spotfire Extension

The Spotfire Extension is installed by deploying the extension's Spotfire package file to the Spotfire server. The Spotfire package file is included in the ZIP file available from the TIBCO Spotfire Extension for OpenSpirit product download web page.

The package file is deployed using the Spotfire Administration Console. The package deployment procedure is outlined below. Refer to the Spotfire Administrator Guide for more details about using the Spotfire Administration Console and deploying extension packages.



There is no need to install the OpenSpirit Runtime or any other OpenSpirit software on the Spotfire server. The only OpenSpirit software required on the server is the deployed Spotfire Extension package.

Deploying the Spotfire Extension Package

Perform the following steps to deploy the Spotfire Extension to your Spotfire server. You will need to have the Spotfire Extension deployment package file available during this procedure. The Spotfire Extension deployment file is named ***Spotfire-OpenSpirit-Ext_1.2.0.spk***.

Open the Spotfire Administration Console by entering the Spotfire server URL in your web browser. The URL will look something like **http://serverhost/spotfire** where **serverhost** is the host name of your Spotfire server.

Click on the **Open Administrator Console** button to open the administrator console and select the **Deployments & Packages** option.

Select the **Production Area** or the **Test Area** view depending on which view you want to use to deploy the OpenSpirit Spotfire Extension.

Now click on the **Add packages** button above the list of installed packages. This will open a window used to select the package file. Click on the **Choose File** button and select the file named "**Spotfire-OpenSpirit-Ext_1.2.0.spk**" from the folder where the Spotfire Extension product ZIP file was unzipped. Click on the **Open** button to complete the package file selection.

Click on the **Upload** button after selecting the package file to add the Spotfire Extension package to the Spotfire server's package list. This will upload the package file to the Spotfire server.

Click on the **Validate** button when the upload is complete to verify that the package file was successfully uploaded to the server.

Finally, click on the **Save** button to save and publish the Spotfire Extension deployment. Enter a version number and a description into the save window that appears and click the **Ok** button to complete the save.



A firewall exemption must be added for the **Spotfire.Exp.exe** program executable in your Spotfire software installation if your Windows firewall is enabled in order to receive OpenSpirit events.



Installing License Feature

A license is needed to use the Spotfire Extension. A FlexNet license feature must be added to the license file used by your OpenSpirit runtime. See the Software Usage Licenses section of this guide for more information about Spotfire Extension licensing. Contact your TIBCO sales representative or TIBCO support to obtain your license features.

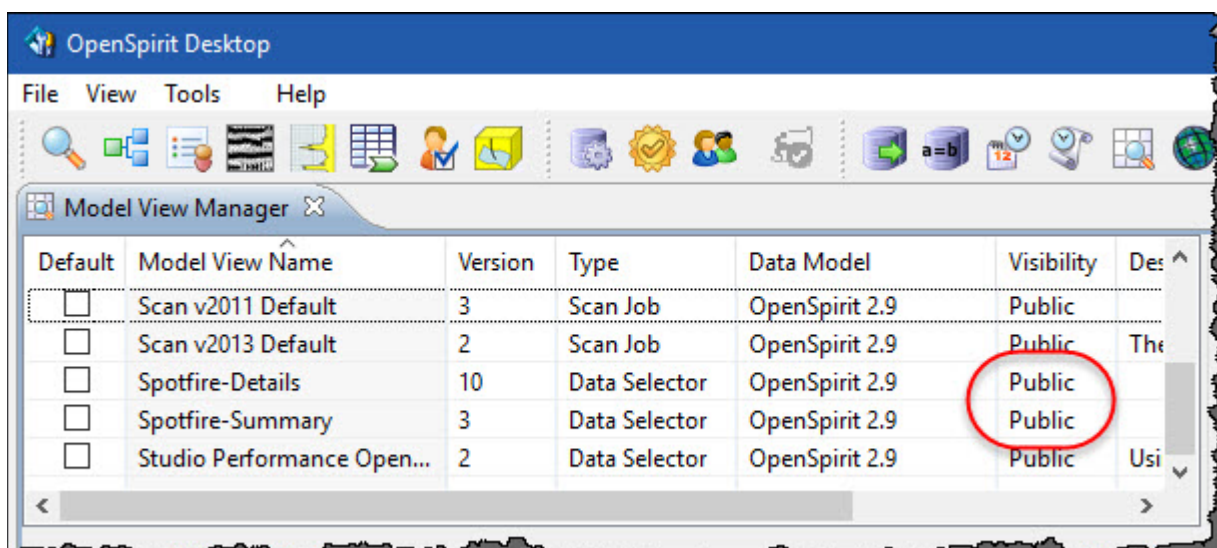
Loading the Spotfire Model Views

Two OpenSpirit model views are provided with the Spotfire Extension. The model views are provided in files named **Spotfire-Summary.ospmodelview** and **Spotfire-Details.ospmodelview**. These model view files should be imported into the OpenSpirit runtime installation that will be used by the Spotfire Extension users. The Model View Manager tool that resides in the OpenSpirit Desktop is used to import the model view files.

An account that has OpenSpirit administrator privilege or has been granted the *Administer Data Views* right in the OpenSpirit runtime installation must be used to load the model views. Log into an account with the required privileges and start the OpenSpirit Desktop.

Select the Model View Manager option in the OpenSpirit Desktop's Data Manager menu, or click on the Model View Manager button  in the Data Manager tool bar to start the Model View Manager. Click on the import button  in the Model View Manager's tool bar to select the model view files to import. Locate and select the model view files and click the **Open** button to perform the import.

The model views will appear in the list of loaded model views. Make sure the value in the visibility column is Public so that all the Spotfire users will be able to see and select the model views.



Glossary

A

ArcGIS Extension: OpenSpirit Extension for ArcGIS

E

EPSG: European Petroleum Survey Group

G

GIS: Geographic Information System, a term used to refer to data that describes real world spatial information using points, lines, or polygons.

GIS event: An OpenSpirit event that contains collections of points, lines, and polygons along with associated named properties.

L

license feature: The name of a software license that enables a specific software product or an optional feature of a software product.

M

model view: A custom view of a native data model or the OpenSpirit data model. A model view can present a subset of the data model's data types and attributes. A model view can also change the names of data types and attributes and can join related data types to create a new data type.

O

OpenSpirit License Service: A service process used to manage OpenSpirit software license entitlements. The service must be running in order to use most OpenSpirit software products. The license service is included as part of the TIBCO OpenSpirit Runtime product.

OpenSpirit Runtime: The software services provided by the TIBCO OpenSpirit Runtime product. These include the OpenSpirit Data Service, Unit Service, Coordinate Service, and Event Service,

S

Spotfire Extension: TIBCO Spotfire Extension for OpenSpirit

W

WGS 84: World Geodetic System 1984

WKB: Well Known Binary is a binary data type that contains information describing a Point, Polyline, or Polygon GIS feature