



# **TIBCO OpenSpirit® Data Connector for KINGDOM**

## **Installation and Configuration Guide**

*Version 2.8.0  
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# OpenSpirit Concepts

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OpenSpirit is a framework that provides multi-vendor application and data interoperability that is targeted at the upstream oil and gas business. OpenSpirit removes technology barriers that, prior to OpenSpirit, prevented applications from working directly with data residing in competing application data stores or in incompatible computing platforms. OpenSpirit also provides an event bus that enables applications from different software vendors to cooperate in work flows as if they were produced by a common software vendor.

The below sections describe the concepts that are important to understand before planning the installation of your OpenSpirit environment.

## TIBCO OpenSpirit Runtime

The TIBCO OpenSpirit® Runtime is the software infrastructure and services needed to connect applications to data and to other applications. The OpenSpirit® Runtime is typically installed on all computers in your enterprise that are used to run applications that connect to the OpenSpirit Runtime and on computers hosting data stores that feed the applications with data. For more information about the typical network configurations of the OpenSpirit runtime, see the *OpenSpirit Runtime Installation Guide*.

## Application Adapter

A software component that connects a software application to the OpenSpirit runtime is called an application adapter. Applications that have OpenSpirit application adapter are called OpenSpirit enabled applications.

Application adapters are typically created by the same company that creates the software application. However, some applications provide mechanisms to enable customers and other companies to plug additional capabilities into their application.

**i Note:** The TIBCO OpenSpirit<sup>®</sup> Adapter for Petrel and the TIBCO OpenSpirit<sup>®</sup> ArcGIS Extension are examples of application adapters that were not developed by the same company that created the application. They were developed by TIBCO Software, Inc.

Application adapters can connect to the OpenSpirit runtime in a variety of ways. They can connect to read data and/or write data that resides in a data store that has OpenSpirit data connector support. Application adapters can also interact with other OpenSpirit enabled applications using various application interaction events such as data selection, cursor tracking, and GIS spatial feature events.

Application adapters typically check out a Universal Application Adapter (UAA) license when they connect to the OpenSpirit runtime. UAA licenses are checked out per-concurrent user for a given application type. Application adapters may also require a license from the software company that developed and sells the application adapter. Check with your application adapter supplier regarding the license requirements of a particular adapter. For more information, see the *TIBCO OpenSpirit<sup>®</sup> Runtime User Guide*.

## Data Connector

A software component that publishes a data store to the OpenSpirit Runtime is called a data connector. Publishing a data store to the OpenSpirit Runtime makes its data available to OpenSpirit enabled applications. Applications can query, create, modify, and delete data residing in the data store.

Currently all OpenSpirit data connectors are developed by TIBCO. OpenSpirit data connectors are licensed by data store type on a per-concurrent user basis. For information about the data stores supported by OpenSpirit data connectors, see the **Data Source Configuration Tool** section from the **Help** tab of the OpenSpirit Desktop Menu bar.

## OpenSpirit Tools

OpenSpirit tools are software components included in the OpenSpirit Runtime. There are also some optional OpenSpirit tools that are purchased separately and installed into the OpenSpirit Runtime. The OpenSpirit tools are accessed from the OpenSpirit Desktop and are organized into three categories; administrator tools, data manager tools, and tools used in a variety of work flows that have been grouped into a category called data browsing tools.

For the list of all available OpenSpirit tools, see the **Help** guide of the OpenSpirit Desktop application.

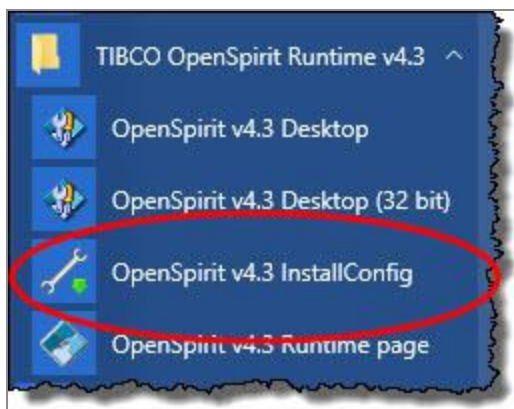
The next section of this guide introduces additional OpenSpirit concepts that are fundamental to how OpenSpirit software is installed and configured.

## Starting the Install Config Manager

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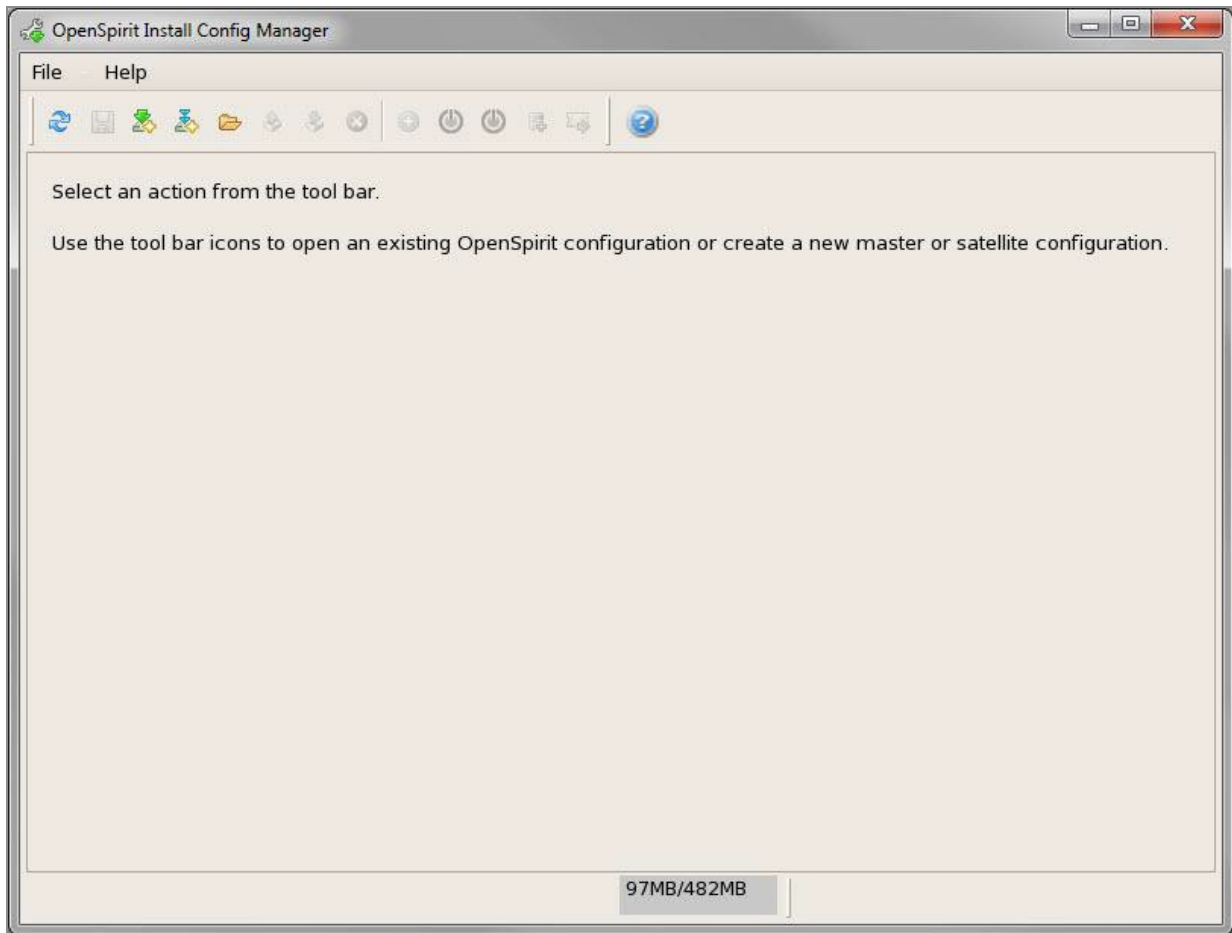
The Install Config Manager tool is automatically started at the end of an OpenSpirit software installation. It can also be started anytime from a completed OpenSpirit software installation. The Install Config Manager is started on Linux by running the installconfig script found in the bin directory of the OpenSpirit software installation. The Install Config Manager is started on Windows by selecting the Install Config option created in the Windows start menu.

*Figure 1: OpenSpirit Install Config option*



The Install Config Manager has an appearance that is quite similar to the OpenSpirit Desktop. It provides a tool bar that contains icons for each action that can be performed. Three actions can be performed when the Install Config Manager is started. You can create a new master configuration, create a new satellite configuration, or open a previously created master or satellite configuration. The following sections of this guide describe these actions in detail.

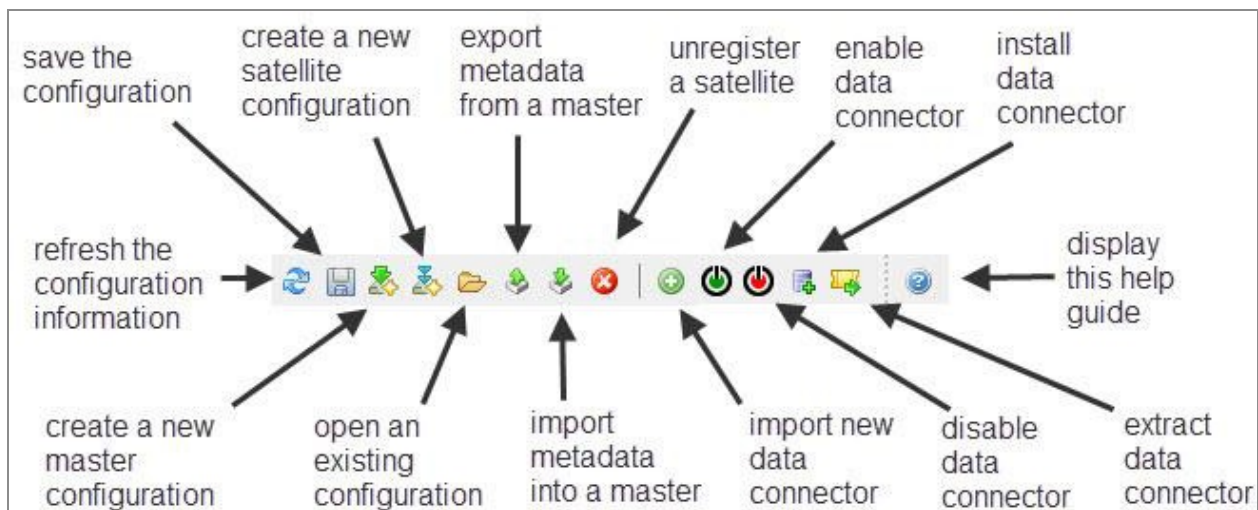
Figure 2: OpenSpirit Install Config Manager




# Install Config Manager Tool Bar

The Install Config Manager tool bar contains buttons used to create and manage OpenSpirit master and satellite configurations, and tools to manage data connectors. These actions are described below.


Figure 3: Install Config Manager tool bar




## Refresh Button

The refresh tool bar button  will refresh the currently open master or satellite configuration by re-reading the information from the configuration's config.properties file and from the metadata repository if it is a master installation. Any unsaved changes will be lost when a refresh is performed.


## Save Button

The save tool bar button  will save a new configuration that is being created or it will save changes to an existing configuration that has been modified. The save button is not enabled until all required information has been entered when creating a new configuration and it is not enabled when no changes have been made to an existing configuration that has been opened.


## Create Master Button

The create master button  will open a new master configuration form. For more information, see the "Configuring a Master Installation" section of the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.

## Create Satellite Button

The create satellite button  will open a new satellite configuration form. For more information, see the "Configuring a Satellite Installation" section of the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.


## Open Button

The open button  behaves differently on Windows than it does on Linux. A config directory selection window appears when the open button is pressed and Install Config Manager is running on Linux. Use the selection window to select an existing master or satellite config directory. A master or satellite configuration form will open to display the selected configuration. For more information on the forms, see the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.


The configuration folder is in a fixed location on Windows:

```
%ProgramData%\OpenSpirit\v#.#
```


Where the "#.#" component of the folder path is the major and minor version number of the OpenSpirit Runtime you are using.

 **Tip:** Individual users can manually create a config.properties file under %LocalAppData%\OpenSpirit\v#.# which will override the configuration under %ProgramData%\OpenSpirit\v#.#.


## Export Metadata Button

The export button  is enabled when a master configuration has been opened. This button is used to export some of the information that is stored in the master installation's metadata repository. For more information, see the "Exporting Metadata" section of the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.


## Import Metadata Button

The import button  is enabled when a master configuration has been opened and the Shared Services are not running. This button is used to import information from another master installation into the currently opened master installation's metadata repository. For more information, see the "Importing Metadata" section of the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.


## Unregister Satellite Button

The unregister satellite button  is used to remove satellite installations that have been registered with a master. For information about registering and unregistering satellites, see the "Satellite Management" section of the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.


## Import Data Connector Button

The import data connector button  is used to import new versions of a data connector or to import entirely new data connectors into the currently opened master installation's metadata repository. For more information, see "Importing Data Connectors" section of the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.


## Enable Data Connector Button

The enable data connector button  is used to re-enable a previously disabled data connector. For more information, see the "Enabling Data Connectors" section of the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.

## Disable Data Connector Button


The disable data connector button  is used to disable a data connector. For more information, see the "Disabling Data Connectors" section of the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.

## Install Data Connector Button

The install data connector button  is used to extract the binary executable files of a data connector from the metadata repository and install the files into the OpenSpirit

installation that the Install Config Manager tool is being run from. For more information, see the "Installing Data Connectors" section of the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.

## Extract Data Connector Button

The extract data connector button  is used to extract the binary executable files of a data connector from the metadata repository and put them in a ZIP file that can then be used to install the data connector binaries manually. For more information, see the "Extracting Data Connectors" section of the *TIBCO OpenSpirit® Runtime Installation & Configuration Guide*.

## Help Button

Use the Help button  to open the Help guide.

# Master Data Connector Management

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The Data Connectors tab is used to manage the OpenSpirit data connectors available in your master installation.

# Data Connector Overview

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Data connectors are software components that publish a data store to the OpenSpirit Runtime. Publishing a data store to the OpenSpirit Runtime makes its data available to OpenSpirit enabled applications. Applications can query, create, modify, and delete data residing in the data store.

A data connector has a data source type, a data source version and a release version. The data source type indicates the type of data store the data connector can publish (e.g. OpenWorks, Studio, PPDM, etc.). The data source version indicates the version of the data store, the data connector can publish. The release version is product version number of the OpenSpirit data connector product.

Data connectors are composed of metadata, such as data model information, unit catalogs, reference value mappings, and other information needed to publish a data store to the OpenSpirit framework. Data connectors also contain binary executable files for each operating system platform that data connector processes can be run on. The metadata and binary executable files are stored in the OpenSpirit metadata repository in the OpenSpirit master installation. The binary files must also be installed into each OpenSpirit master installation and satellite installation that will be used to run data connector processes.

The OpenSpirit Runtime is pre-populated with current versions of all OpenSpirit data connectors that are available at the time of the OpenSpirit Runtime product release. New data connectors and updates to existing data connectors may be released after an OpenSpirit Runtime is released. The new data connector releases can be imported into your OpenSpirit Runtime's master installation and managed using the Data Connectors tab.


# Data Connectors Tab

The Data Connectors tab can be used to enable or disable data connectors, import new data connectors, and install data connector executable files into an OpenSpirit installation.

Figure 4: Data Connectors Tab

Inst...	Data Source...	Data Source...	Release v...	Installed ...	Installed On
✓	EPOS	4	2.5.0.66	2.5.0.66	2018-01-28 01:15:28
✓	GeoFrame	2012	2.1.0.62	2.1.0.62	2018-01-28 01:20:58
✓	GeoFrame	4	2.1.0.62	2.1.0.62	2018-01-28 01:17:39
✓	Kingdom	2018	2.8.0.18	2.8.0.18	2023-02-24 04:12:43
⚠	Kingdom	2019	2.8.0.18	2.7.0.15	2023-02-24 04:13:07
⚠	Kingdom	2020	2.8.0.18	2.7.0.15	2023-02-24 04:13:28
	Kingdom	2021	2.8.0.18		2023-02-24 04:13:50
✓	OpenWorks	R5000	2.6.0.14	2.6.0.14	2023-01-31 23:03:43
✓	PPDM	3.7	2.2.0.168	2.2.0.168	2018-01-28 01:34:55
✓	PPDM	3.8	2.2.0.168	2.2.0.168	2018-01-28 01:36:56
✓	Petra	3	2.3.0.69	2.3.0.69	2018-01-28 01:33:32
✓	Recall	5.3	2.1.0.89	2.1.0.89	2018-01-28 01:37:07
✓	Recall	5.4	2.1.0.89	2.1.0.89	2018-01-28 01:37:28
✓	SDE	10	2.1.0.64	2.1.0.64	2018-01-28 01:37:48
✓	Segy	1	2.2.0.67	2.2.0.67	2018-01-28 01:38:04
✓	SegyProSo...	1	2.2.0.67	2.2.0.67	2018-01-28 01:38:05
✓	Studio	2018	3.10.0.18	3.10.0.18	2023-01-31 04:33:20
✓	Studio	2019	3.11.0.71	3.11.0.71	2023-02-23 04:27:16
✓	Studio	2020	3.11.0.71	3.11.0.71	2023-02-23 04:27:30
✓	Studio	2021	3.11.0.71	3.11.0.71	2023-02-23 04:27:40

## Importing Data Connectors

It is recommended that the OpenSpirit Shared Services be shut down prior to importing new data connector releases into a Master Installation. New releases of an OpenSpirit data connector are loaded into an OpenSpirit master installation's metadata repository by using the import data connector button . Clicking on this button opens a file chooser window that can be used to select an OpenSpirit data connector package file. Data connector package files have a file name extension of .osp\_pkg. Selecting a package file loads the data connector's metadata and executable files into the metadata repository. It will then appear in the data connector list as a new entry or as a new release version for a previous entry.


- ✔ **Tip:** OpenSpirit data connector package files are obtained from the TIBCO software download site for each OpenSpirit data connector product.


Data connectors must then be installed into each satellite installation that you wish to use to run data connector processes for that data connector type.

### **Caution:**

- Importing a new version of an existing data connector updates the OpenSpirit master installation's metadata repository. The metadata update cannot be reverted. You should back up your master installation's metadata repository prior to importing a new version of an existing data connector. The metadata repository can be backed up by shutting down the OpenSpirit master installation's shared services and then creating a backup of the master installation's database directory.
- Importing a new version of an existing data connector updates the OpenSpirit master installation's metadata repository. Make sure no users are running data connectors during the data connector import.
- Be sure to install the executables after importing the data connector. The executables should be installed into all OpenSpirit installations that are on an operating system platform that can be used to run the data connector. See the Installing Data Connectors section below for information about installing data connector executable files.


## Disabling Data Connectors


Disabling a data connector causes that data source type and version to no longer appear in any OpenSpirit tool or application. Companies may wish to disable data connectors for data store types that are not used by the company. Select one or more data connectors and click on the disable icon  in the tool bar to disable the selected data connectors.

Disabled data connectors can be re-enabled by selecting one or more disabled data connector and clicking on the enable icon  in the tool bar.

## Installing Data Connectors

Data connector executable files must be installed into each satellite installation that you wish to run data connector processes from after importing a new data connector into the master installation's metadata repository. Data connectors that have been upgraded to a


newer version but not yet installed in the OpenSpirit installation appear with a caution icon  in the Installed column. The caution icon indicates the executable files in the OpenSpirit installation are out of date with respect to the data connector release that was imported into the metadata repository. New data connector types that have been imported but have not been installed appear with no icon in the Installed column.

Select the data connector to install and click on the install icon . This will install the executable files for the selected data connector into the OpenSpirit installation that the Install Config Manager tool was started from.

**Caution:**

- Make sure no OpenSpirit Desktop, application, or data connector is running out of the OpenSpirit installation prior to installing a data connector. Otherwise there is risk that some files will be locked and therefore cannot be overwritten by the new executable files.
- No facility is provided to un-install a data connector. Your OpenSpirit installation must be re-installed in order to revert a data connector installation.

## Extracting Data Connectors

The data connector extraction feature is provided to enable data connector executable files to be manually installed. Manual installation of data connectors may be required by companies that control how software is deployed into an existing OpenSpirit installation. Select the data connector to be extracted and click on the extract icon . This will open a file folder selection window. Select a file folder that you want the extracted data connector zip files to be placed in. A .zip file will be created for each operating system platform supported by the data connector. The data connector can then be manually installed by unzipping the files into the top-level folder of your OpenSpirit installations.




**Caution:** For Linux installations only, the `postInstall.sh` script under the `$OSP_HOME/bin/etc` directory should be executed by the administrator after installing any new files to set proper file permissions.


# Satellite Data Connector Management


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The Data Connectors tab in the Install Config Manager can only be used to view data connector information and to install data connector executable files into the satellite.

## Installing Data Connectors

Data connector executable files must be installed into each satellite installation that you wish to run data connector processes from after importing a new data connector into the master installation's metadata repository. Data connectors that have been upgraded to a newer version but not yet installed in the OpenSpirit installation appear with a caution icon  in the Installed column. The caution icon indicates the executable files in the OpenSpirit installation are out of date with respect to the data connector release that was imported into the metadata repository. New data connector types that have been imported but have not been installed appear with no icon in the Installed column.

Select the data connector to install and click on the install icon . This will install the executable files for the selected data connector into the OpenSpirit installation that the Install Config Manager tool was started from.

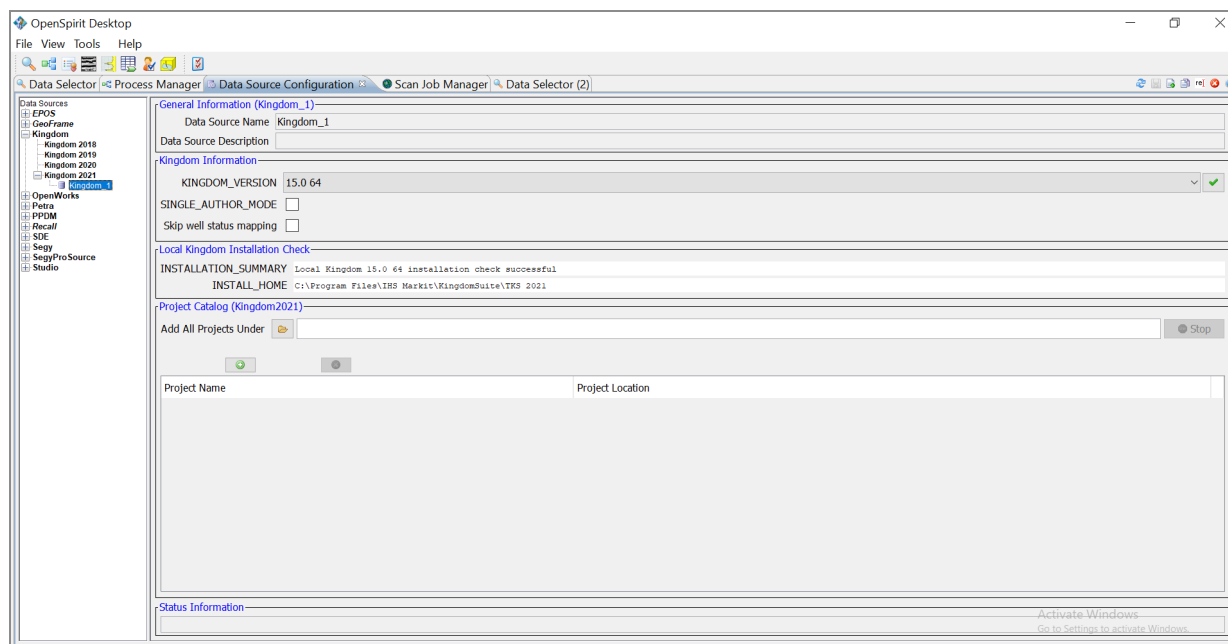
 **Caution:** Make sure no OpenSpirit Desktop, application, or data connector is running out of the OpenSpirit installation prior to installing a data connector. Otherwise there is risk that some files will be locked and therefore cannot be overwritten by the new executable files.

# Configuring Kingdom Data Sources

## Kingdom 2021

Select the option to create a new Kingdom 2021 data source. It displays the below panel on the right side of the Data Source Configuration tool.

Figure 5: Kingdom 2021






The descriptions of the values and some guidelines for filling out this panel are explained below:

Name	Description	Hints & Finding Values
Data Source Name	Free form name for data source	Names may NOT contain blanks, the period character (“.”), or other special characters that are not allowed in UNIX file names. Also, the data source name must be unique within the same OpenSpirit installation.

Name	Description	Hints & Finding Values
KINGDOM_VERSION	The version of Kingdom to be used to access the Kingdom projects assigned to the data source.	Check Help > About in the Kingdom application to verify the Kingdom version.
SINGLE_AUTHOR_MODE	Controls the interpretation data that is available.	When checked only the interpretation data that is owned by the Kingdom Author specified in the user's User Setup Wizard settings will be available. When un-checked the data source will provide interpretation data for all Kingdom Authors in the Kingdom project.
Skip well status mapping	Selecting this option causes well status values to be passed through as is on both read and write rather than converting them to the OpenSpirit canonical status values.	Enabling this option will likely prevent successful copying of well status information when using the OpenSpirit Copy Manager to copy data from one data store type to a different data store type. Copying between dissimilar data store types usually requires well status information to be mapped from the source data store's well status values to the OpenSpirit well status values and then to the target data store's allowable values. Disabling this mapping may cause copied wells to have an UNKNOWN status.  The skip option is typically used when importing well status information from a data store to an application such as Petrel. Select this option if you want to preserve the original well status value rather than using the OpenSpirit canonical well status values.
INSTALLATION_SUMMARY	Displays the status of your Kingdom installation settings.	This is a display only field. Automatically checks to verify that the Kingdom application is installed. An error message will be displayed if your Kingdom installation folder cannot be found or if the GLOBAL_SEISMIC_FILE setting does not exist.

Name	Description	Hints & Finding Values
INSTALL_HOME	Displays the Kingdom installation that will be used to access the Kingdom projects.	This is a display only field. Automatically retrieves installation directory. You must run the Kingdom DBAdmin application and choose the OpenKINGDOM > Set Installation Directory menu option to set this.

### Project Catalog Section

Name	Description	Hints & Finding Values
Add All Projects Under	Top-level folder of Kingdom project data.	Use the file selector browse to a top-level folder containing Kingdom projects. The entire folder tree below the selected folder will be scanned and rows added for each Kingdom project found.
Project Name	Name of Kingdom Project.	Populated by the folder scanner or created using the add project button  . The project name can be changed by typing in the field. Project names must be unique within the data source.
Project Location	Folder path of the Kingdom project.	Populated by the folder scanner or created using the add project button  . The folder path can be changed by clicking on the adjacent folder icon  .

## Kingdom 2020

Select the option to create a new Kingdom 2020 data source. It displays the below panel on the right side of the Data Source Configuration tool.

Figure 6: Kingdom 2020

The screenshot displays the configuration interface for Kingdom 2020, organized into several sections:

- General Information (Kingdom\_2020):** Includes a text field for "Data Source Name" containing "Kingdom\_2020" and an empty "Data Source Description" field.
- Kingdom Information:** Features a dropdown menu for "KINGDOM\_VERSION" set to "14.0 64" with a green checkmark icon, and two unchecked checkboxes for "SINGLE\_AUTHOR\_MODE" and "Skip well status mapping".
- Local Kingdom Installation Check:** Shows a text area with "INSTALLATION\_SUMMARY" containing "Local Kingdom 14.0 64 installation check successful" and "INSTALL\_HOME" set to "E:\Program Files\IHS Markit\KingdomSuite\TKS 2020".
- Project Catalog (Kingdom2020):** Contains an "Add All Projects Under" button with a folder icon, a text input field, and a "Stop" button. Below are two buttons with plus and minus signs, and a table with columns "Project Name" and "Project Location".
- Status Information:** A section at the bottom with an empty text area.




The descriptions of the values and some guidelines for filling out this panel are explained below:

Name	Description	Hints & Finding Values
Data Source Name	Free form name for data source	Names may NOT contain blanks, the period character (“.”), or other special characters that are not allowed

Name	Description	Hints & Finding Values
		in UNIX file names. Also, the data source name must be unique within the same OpenSpirit installation.
KINGDOM_VERSION	The version of Kingdom to be used to access the Kingdom projects assigned to the data source.	Check Help > About in the Kingdom application to verify the Kingdom version.
SINGLE_AUTHOR_MODE	Controls the interpretation data that is available.	When checked only the interpretation data that is owned by the Kingdom Author specified in the user's User Setup Wizard settings will be available. When un-checked the data source will provide interpretation data for all Kingdom Authors in the Kingdom project.
Skip well status mapping	Selecting this option causes well status values to be passed through as is on both read and write rather than converting them to the OpenSpirit canonical status values.	Enabling this option will likely prevent successful copying of well status information when using OpenSpirit Copy Manager to copy data from one data store type to a different data store type. Copying between dissimilar data store types usually requires well status information to be mapped from the source data store's well status values to the OpenSpirit well status values and then to the target data store's allowable values. Disabling this mapping may cause copied wells to have an UNKNOWN status.  The skip option is typically used when importing well status information from a data store to an application such as Petrel. Select this option if you want to preserve the original well status value rather than using the OpenSpirit canonical well status values.
INSTALLATION_SUMMARY	Displays the status of your	This is a display only field. Automatically checks to verify that the Kingdom application is installed. An

Name	Description	Hints & Finding Values
	Kingdom installation settings.	error message will be displayed if your Kingdom installation folder cannot be found or if the GLOBAL_SEISMIC_FILE setting does not exist.
INSTALL_HOME	Displays the Kingdom installation that will be used to access the Kingdom projects.	This is a display only field. Automatically retrieves installation directory. You must run the Kingdom DBAdmin application and choose the OpenKINGDOM > Set Installation Directory menu option to set this.

### Project Catalog Section

Name	Description	Hints & Finding Values
Add All Projects Under	Top-level folder of Kingdom project data.	Use the file selector browse to a top-level folder containing Kingdom projects. The entire folder tree below the selected folder will be scanned and rows added for each Kingdom project found.
Project Name	Name of Kingdom Project.	Populated by the folder scanner or created using the <b>add project</b> button  . The project name can be changed by typing in the field. Project names must be unique within the data source.
Project Location	Folder path of the Kingdom project.	Populated by the folder scanner or created using the <b>add project</b> button  . The folder path can be changed by clicking on the adjacent folder icon  .

## Kingdom 2019

Select the option to create a new Kingdom 2019 data source. It displays the below panel on the right side of the Data Source Configuration tool.

Figure 7: Kingdom 2019

The screenshot displays a configuration window for Kingdom 2019, organized into several sections:

- General Information (Kingdom\_2019):** Includes a text field for 'Data Source Name' (containing 'Kingdom\_2019'), an empty 'Data Source Description' field, and a checked 'Private Data Source' checkbox.
- Kingdom Information:** Features a dropdown menu for 'KINGDOM\_VERSION' (set to '13.0 64' with a green checkmark), and two unchecked checkboxes for 'SINGLE\_AUTHOR\_MODE' and 'Skip well status mapping'.
- Local Kingdom Installation Check:** Shows 'INSTALLATION\_SUMMARY' as 'Local Kingdom 13.0 64 installation check successful' and 'INSTALL\_HOME' as 'C:\Program Files\IHS Markit\KingdomSuite\TKS 2019'.
- Project Catalog (Kingdom2019):** Contains an 'Add All Projects Under' button with a folder icon, a text input field, and a 'Stop' button. Below these are two small buttons with plus and minus signs, and a table with columns for 'Project Name' and 'Project Location'.
- Status Information:** A section at the bottom with an empty text field.


The descriptions of the values and some guidelines for filling out this panel are explained below:



Name	Description	Hints & Finding Values
Data Source Name	Free form name for data source	Names may NOT contain blanks, the period character (“.”), or other special characters that are not allowed in UNIX file names. Also, the data source name must be unique within the same OpenSpirit installation.
Private Data Source	Display only	The choice for this setting is made in the New Source

Name	Description	Hints & Finding Values
	indicator that is present when configuring a private data source. It indicates the data source is only visible to you. This check box is not present if the data source is configured as a public data source.	Data Source popup dialog and cannot be changed. Private data sources are typically used for projects that are only accessible from your local system. For example, you have Kingdom projects on your local PC's "C" drive.
KINGDOM_VERSION	The version of Kingdom to be used to access the Kingdom projects assigned to the data source.	Check Help > About in the Kingdom application to verify the Kingdom version.
SINGLE_AUTHOR_MODE	Controls the interpretation data that is available.	When checked only the interpretation data that is owned by the Kingdom Author specified in the user's User Setup Wizard settings will be available. When un-checked the data source will provide interpretation data for all Kingdom Authors in the Kingdom project.
Skip well status mapping	Selecting this option causes well status values to be passed through as is on both read and write rather than converting them to the OpenSpirit canonical status values.	Enabling this option will likely prevent successful copying of well status information when using OpenSpirit Copy Manager to copy data from one data store type to a different data store type. Copying between dissimilar data store types usually requires well status information to be mapped from the source data store's well status values to the OpenSpirit well status values and then to the target data store's allowable values. Disabling this mapping may cause copied wells to

Name	Description	Hints & Finding Values
		<p>have an UNKNOWN status.</p> <p>The skip option is typically used when importing well status information from a data store to an application such as Petrel. Select this option if you want to preserve the original well status value rather than using the OpenSpirit canonical well status values.</p>
INSTALLATION_SUMMARY	Displays the status of your Kingdom installation settings.	This is a display only field. Automatically checks to verify that the Kingdom application is installed. An error message will be displayed if your Kingdom installation folder cannot be found or if the GLOBAL_SEISMIC_FILE setting does not exist.
INSTALL_HOME	Displays the Kingdom installation that will be used to access the Kingdom projects.	This is a display only field. Automatically retrieves installation directory. You must run the Kingdom DBAdmin application and choose the OpenKINGDOM > Set Installation Directory menu option to set this.

### Project Catalog Section

Name	Description	Hints & Finding Values
Add All Projects Under	Top-level folder of Kingdom project data.	Use the file selector browse to a top-level folder containing Kingdom projects. The entire folder tree below the selected folder will be scanned and rows added for each Kingdom project found.
Project Name	Name of Kingdom Project.	Populated by the folder scanner or created using the <b>add project</b> button  . The project name can be changed by typing in the field. Project names must be unique within the data source.
Project	Folder path of	Populated by the folder scanner or created using the <b>add</b>

Name	Description	Hints & Finding Values
Location	the Kingdom project.	<b>project</b> button  . The folder path can be changed by clicking on the adjacent folder icon  .

# Glossary

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## A

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### **Application Adapter**

A software component that connects a software application to the OpenSpirit framework.

## D

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### **Data Connector**

A software component that publishes a data store using the OpenSpirit framework making the data available for use by OpenSpirit enabled applications.

### **Data Store**

A repository of data. The repository can consist of any data storage technology. It can be implemented as a relational database (e.g. Oracle), a collection of binary or text files, a web service, etcetera.

## H

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### **hostid**

A number that uniquely identifies a computer. A hostid most commonly comes from an electronic component in a computer's network adapter. The number is derived from the network adapter's MAC address.

## M

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### **Master Installation**

A configuration of OpenSpirit software used to run the OpenSpirit Shared Service and Notification Service processes. A master installation also includes a database referred to as the OpenSpirit metadata repository.

### **Metadata Repository**

A database used to manage various OpenSpirit configuration parameters, reference catalog information, and user preference information. The OpenSpirit metadata repository is associated with and managed by an OpenSpirit master installation.

## **O**

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### **OpenSpirit Enabled Application**

A software application that has an application adapter to the OpenSpirit framework.

## **S**

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### **Satellite Installation**

A configuration of OpenSpirit software used to run OpenSpirit enabled applications and OpenSpirit data connectors.

# TIBCO Documentation and Support Services

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For information about this product, you can read the documentation, contact the TIBCO Support, and join the TIBCO Community.

## 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.

## Product-Specific Documentation

The following documentation for this product is available on the [TIBCO OpenSpirit® Data Connector for KINGDOM Product Documentation](#) page:

- *TIBCO OpenSpirit® Data Connector for KINGDOM Release Notes*
- *TIBCO OpenSpirit® Data Connector for KINGDOM Installation & Configuration Guide*

## Other TIBCO Product Documentation

When working with TIBCO OpenSpirit® Data Connector for KINGDOM, you may find it useful to read the documentation of the following TIBCO products:

- TIBCO OpenSpirit® Runtime

## How to Contact TIBCO Support

Get an overview of [TIBCO Support](#). You can contact TIBCO Support in the following ways:

- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the [TIBCO Support](#) website.
- 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 [TIBCO Support](#)

website. If you do not have a user name, you can request one by clicking **Register** on the website.

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