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Logi Symphony 24



Get Started With Symphony 24

Symphony is an embeddable business intelligence platform for data exploration, visual analytics, and creating & sharing dashboards, reports, and more. You can deploy it as the central data portal for your organization, or integrate it into an existing website as part of a custom or embedded BI solution. Symphony is flexible enough to adapt to your needs and to every type of user.

The following steps guide you through the process of installing and configuring the Symphony platform and provides an overview of developing self service content.

If you're using Symphony in a Software as a Service (SaaS) environment, start here: [Logi Symphony - Software as a Service \(SaaS\)](#).



Note:

Some help articles, such as this one, apply to the whole of your Symphony environment. Some tasks are performed in different modules of Symphony, or are not needed in Symphony SaaS environments. Indicators at the top of applicable articles let you know what module or implementation of Symphony is covered by the content.

- **This applies to:** *Visual Data Discovery*
- **This applies to:** *Managed Dashboards, Managed Reports*

1. Product Installation

- Verify you have an environment that meets the [System Requirements](#) and [Prerequisites](#) to install Symphony.
- Install Symphony using the supplied Helm chart. See [Install Symphony - Kubernetes](#).

2. Include Additional Connectors, CORS, and Licenses

- [Add any connectors](#) users need to create data sources, if not added during installation.
- If needed to embed content, set up [CORS](#) for Visual Data Discovery, and [CORS](#) for Managed Dashboards and Managed Reports, if not added during installation.
- License the product, to remove the temporary license or if a new license is required. See [Request And Apply A New License Key](#).

3. Deploy Symphony and Create Users

- Add new tenants if used in your environment. See [Multi-Tenancy In Symphony](#).
- Use the system admin credentials you provided at installation to [add additional users](#) as administrative or other users as needed for your environment.

4. Create and Access Your Data Sources

- a. Open the Visual Data Discovery work area, and select **Data Sources** to [create data sources](#) and define their [access permissions](#) for your environment. All Symphony users who are granted permissions can access the data sources created using Visual Data Discovery.
 - i. If users create visuals and dashboards in the Visual Data Discovery module, they can use these data sources to build their content.
 - ii. If users create visuals, dashboards, reports, scorecards, and more in Managed Dashboards and Managed Reports, they can access these data sources to build their content.
-  **Note:** When you [create a new metric set](#) or otherwise [select data](#) in Managed Dashboards and Managed Reports, you can select a Visual Data Discovery source by expanding **Data Connectors > Shared > Data Discovery**. Select the appropriate source to use.

- b. Open the Managed Dashboards or Managed Reports work area and select **Data** from the main menu. A Data work area opens. Select **Data Connector** to view existing data connectors. Select **Create** to open the **New data connector** work area. See [Create a New Data Connector](#).

5. Create Content

- a. Users can create content in the Managed Dashboards and Managed Reports modules using any data sources available globally. See [Create and View Content](#), [Symphony Scorecards](#), and [Symphony Managed Reports](#) to get started.
- b. Users can create content in the Visual Data Discovery module using data sources available in that module. See [Create Dashboards](#) and [Add Visuals To The Visual Gallery](#).



Access Symphony

Access Symphony from a Browser

1. Open a supported web browser. See caniuse.com to check whether your browser supports WebSocket technology.
2. If you have configured your firewall based on instructions above then use the following URL format:

```
http://<logisymphony-server-IP-address-or-domain-name>/discovery/
```

```
http://<logisymphony-server-IP-address-or-domain-name>/managed/
```

Otherwise, use the following URL format:

```
http://<logisymphony-server-IP-address-or-domain-name>:8080/composer/
```

```
http://<logisymphony-server-IP-address-or-domain-name>:8080/managed/
```

Ensure you replace `<logisymphony-server-IP-address-or-domain-name>` with the one obtained when you [identified your IP address](#).



Note: If you receive a message indicating that Symphony is not accessible yet, it may not have completed its setup yet. Please wait a few minutes before trying again or opening a Support ticket. If you continue to have issues accessing Symphony from your browser, open a ticket with Symphony [Technical Support](#).

3. The browser issues a warning specifying that the security certificate is not trusted. This warning occurs because the certificate that is deployed is self-signed. The warning does not appear when deploying your own certificate. For now, select **Proceed anyway**.
4. The first time that you access the login screen, you may be asked to change the passwords for the admin user.

To log into Symphony, see [Log Into The Symphony UI](#).



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Log Into the Symphony UI

When you launch your browser and enter the web address provided by your administrator, you will see a login box. For more information on accessing Symphony from a web browser, see [Access Symphony](#).

Sign On Using Symphony Credentials

To sign on using Symphony credentials, enter your Login Name and Password in the appropriate fields.

A screenshot of the "Log in to Logi Symphony" login form. The form has a white background with a dark blue border. At the top, the title "Log in to Logi Symphony" is displayed in a dark blue font. Below the title, there are two input fields: "Login Name" and "Password". The "Login Name" field is a simple text box, while the "Password" field is a text box with a small eye icon on the right side to toggle visibility. Below the password field, there is a checkbox labeled "Remember Me" which is checked. At the bottom of the form, there are three buttons: "Register" (a light blue button), "Forgot password" (a light blue button), and "Log in" (a green button).

If this is your first time accessing Symphony, you may be asked to change a password. This is determined by your organization's administrator. For any questions or issues, contact your administrator.

You may see different options if Symphony is configured to use another identity provider. Select the corresponding connection option instead, and provide the appropriate credentials.



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Home Page

When you [log in](#), the Symphony home page opens. Explore and interact with your Symphony environment, including its dashboards, visuals, and visualizations in a variety of ways.

This topic covers the different options and features available to you.

View the Home Page

Easily access the home page from anywhere in the UI by selecting the **Home** icon () in the [main menu](#).

Home

Users

Groups

Tenants

Licenses

Profile

Hi Linda Stone!

Welcome to your Logi Symphony homepage! Here you can quickly launch into the application's workflows.

Explore your data



Visual Data Discovery
[Learn more](#)

Open



Logi AI BETA
[Learn more](#)

Open



Managed Dashboards
[Learn more](#)

Open



Managed Reports
[Learn more](#)

Open

Quick content

All

Visual data discovery

Logi AI

Managed dashboards

Managed reports

Jump back in

Name	Type	Section
JV Sales Q1	Metric Set	 Managed dashboards
Satisfaction Heatmap	Visual	 Visual data discovery
Q1 Sales Dashboard - Full	Dashboard	 Visual data discovery
Renewals Project Q1	Dashboard	 Managed dashboards

Actions


Connections


 Visual data discovery


Data Sources


 Visual data discovery


Visuals


 Visual data discovery


Discovery Dashboards


 Visual data discovery


Chatflows


 Logi AI


Marketplace


 Logi AI


View Dashboards


 Managed dashboards

Depending on your application privileges and licensed features, this home page includes selections that let you navigate to the module you need, jump in to the last items you've worked on, or take actions as needed. This includes entry points for:



- **Explore your data** work area
 - Visual Data Discovery
 - Logi AI
 - Managed Dashboards
 - Managed Reports
- **Quick content** work area (filter as **All**, **Visual data discovery**, **Logi AI**, **Managed dashboards**, **Managed reports**)
 - Jump back in
 - Actions

The home page does not show information or provide links for resources that your application privileges restricts you from viewing. Select any work area to open it, or **Home** () to return to the home page.

Link	Description
Visual Data Discovery	Select Open to navigate to the Visual Data Discovery work area. ■ For many users, the Library opens. Your main menu updates to give you access to navigate to your Sources, the Visual Gallery, Library of dashboards and self service reports, My Tenants, Help, and Profile. ■ Administrators generally have access to All Content, Connections, Data Sources, Visual Gallery, Library, Users and Groups, Tools, My Tenants, Help Center, and Profile.
Visual Data Discovery	Select Open to navigate to the Visual Data Discovery work area. ■ For many users, the Library opens. Your main menu updates to give you access to navigate to your Sources, the Visual Gallery, Library of dashboards and self service reports, My Tenants, Help, and Profile. ■ Administrators generally have access to All Content, Connections, Data Sources, Visual Gallery, Library, Users and Groups, Tools, My Tenants, Help Center, and Profile.
Logi AI (Beta)	Select Open to navigate to the Logi AI work area. ■ Available only to system administrators, this work area gives you access to existing chatflows, an option to Add New

Link	Description
	chatflows, search your chatflows, and manage items related to the AI module. Your main menu updates to give you access to navigate to Home, Chatflows, Marketplace, Tools, Assistants, Credentials, Variables, API Keys, and About.
Logi AI (Beta)	Select Open to navigate to the Logi AI work area. - Available only to system administrators, this work area gives you access to existing chatflows, an option to Add New chatflows, search your chatflows, and manage items related to the AI module. - Your main menu updates to give you access to navigate to Home, Chatflows, Marketplace, Tools, Assistants, Credentials, Variables, API Keys, and About.
Managed Dashboards	Select Open to navigate to the Managed Dashboards work area. A work area showing the content for projects you can access opens. Your main menu updates to give you access to navigate to Search, Home, All content, Projects, Views, Data, Business, Help, and your Profile.
Managed Reports	Select Open to navigate to the Managed Reports work area. A work area showing the content for projects you can access opens. Your main menu updates to give you access to navigate to Search, Home, All content, Projects, Views, Data, Business, Help, and your Profile.
Jump back in	Builds you a list of the most recent items you've accessed in Symphony. - Select an item to open and view or edit it. - Use a Quick content filter to filter what you see by module. - Enter a term in the Search field to find items by item name.
Actions	Displays a list of actions you can select to perform common tasks. Use a Quick content filter to filter what you see by module.

In addition to these selections, your name as registered in Symphony is shown in this work area. Select the expand () and collapse () arrows or menu icon () to expand and collapse the [main menu](#).

Symphony Administration



Symphony makes visual analytics easy for end users. Symphony administrators are a big part of that. This guide will help you install, configure, maintain, and upgrade Symphony.



Important: Symphony Visual Data Discovery uses a packaged PostgreSQL database instance to store its metadata. Use the provided instance due to the specific configuration and version combination:

- Symphony v24.3 and later: PostgreSQL 16

If you would like to use another PostgreSQL instance, contact [Technical Support](#) for further guidance.

How Do I Administer Symphony?

Symphony is installed and managed by a system administrator, managing its upkeep and maintenance. Some tasks are needed to install or upgrade Symphony.

- Read the [Symphony overview](#).
- Install Symphony in a [Windows](#) or a [Kubernetes](#) environment.
- Configure Symphony for [Visual Data Discovery](#) and [Managed Dashboards and Reports](#).
- [Uninstall](#) Symphony.

You'll need to perform some maintenance tasks at regular intervals.

- [Review activity logs](#).
- Perform [health checks](#).

Other set up tasks include:

- [Configure settings](#) for your instance.
- Manage [tenant accounts, groups, and users](#).



Access Administrator Functions

Administration tasks are performed right from Symphony's Managed main interface, including licensing, application configuration, as well as user accounts and their privileges.

To access the administration functionality in Symphony, first [log on](#) as an administrator user. After initial installation or sign-up, the built-in administrator user's logon name is **admin**, and the password is the one defined during installation. Users who created as part of the **System Administrators** group in also have access to the administrative functions in Symphony.

Next, go to the [main menu](#) in Managed Dashboards or Managed Reports, select your profile button, then select **Administration** from the pop-up menu.

This opens the [administration homepage](#), and a list of administrative functions you can navigate between are shown in the sidebar menu.



Important: Tenant administrators do not have access to certain pages their start view may vary.

As an administrator, you can navigate the administration homepage to complete many of the administrative tasks you can perform. For more information, see [Use the Administration Homepage](#).

Configure Symphony Managed Dashboards and Managed Reports

Many configuration

- [Connect to Data and View it on a Dashboard](#)
- Create [data cubes](#), [metric sets](#), and use [transforms](#).
- Manage [activity logging](#).

Configure Symphony Data Discovery

You do other tasks only as needed for the modules you'll use.

- [Manage connectors](#) and [data source configurations](#).
- [Create custom metrics and derived fields](#).
- [Migrate your content](#) to Symphony.



Use the Administration Homepage

This applies to: *Managed Dashboards, Managed Reports*

The administration homepage is available to system administrators from the main menu in Managed Dashboards and Managed Reports (**Profile > Administration**). The main content area is divided into three sections: Overview and Server Information.

Section	Description
Overview	Information related to this instance of Symphony, including: ▪ Instance version ▪ License kind and licensee ▪ Application identity and ID ▪ Numbers of active & recent logons, running jobs, accounts, tenants, and servers - click to go to the respective area
Server Information	Information related to the currently-used server, including: ▪ Server name and ID ▪ The connection strings you configured for the application and warehouse databases, if applicable ▪ CPU and memory usage

Administration Functions

Administrative functions are categorized into different areas such as Account Service and Licensing in the sidebar. Select a heading to expand the options available in each area.

Projects / File System

Use the Projects and File System area to:



- Create, edit, and delete [projects](#)
- Explore and reorganize the files and folders within an existing project
- Rename, edit, publish, or delete file items (e.g., data connectors or dashboards)
- Set up [security privileges](#) and other properties for projects, files, and folders
- Manage [data cube storage](#) options and scheduling

See [.Manage Projects and the File System](#)

Account Service

Use the Account Service area to:

- [Create](#), [edit](#), and view user accounts, including [seat type](#) and [application privileges](#)
- Create, edit, and view account [groups](#)
- Manage [logon sessions](#), including terminating a logon session
- View the [logon history](#)
- Define [custom attributes](#) to associate with users or groups for row-level security via filtering or [security hierarchies](#)
- Manage user-defined [notifications](#) within the application
- View, approve, or deny [account registration requests](#)

SaaS / Multi-Tenancy

Symphony has built-in support for [SaaS \(software-as-a-service\)](#) and [multi-tenant deployment scenarios](#). Use the SaaS and Multi-Tenancy area to:



- [Create](#) and [manage tenants](#) which are isolated from each other
- Add [user accounts](#) or groups to a specific tenant
- View and manage [tenant projects](#)
- Share a single project and its dashboards with multiple tenants using tenant overrides
- View and customize the licensed seats for each tenant individually



Important: You must have the appropriate licensing from insightsoftware to see this option.

Licensing

The Licensing area lets you manage [existing licenses](#) and add [new licenses](#). You can also see how many licenses of each type are in use and how many are available.

Adding a valid retail license will remove the evaluation watermark from your environment.

Import / Export

- [Import and export](#) projects, accounts, settings, and various other files and objects from one instance to another
- Save your export settings for future use

System Health

Use the System Health area to:

- Access [application logs](#) to troubleshoot operational warnings or errors
- Manage running and scheduled [jobs](#) in Symphony:
 - View the status of each job or cancel a running job
 - Monitor the status of [warehouse and in-memory storage](#) builds
 - View and modify scheduled [notifications](#)



- Verify [email settings](#) by sending a test email
- Run [health checks](#) and fix identified issues

See [Monitoring System Health](#).

Setup

The Setup area lets you:

- View and modify Symphony [configuration settings](#)
- Register servers and add server groups if you've deployed multiple installations
- Create and modify [tokens](#) available for users when filtering data
- [Customize the application](#) with CSS, JavaScript, HTML, images, and other custom files
- Manage [localization](#) and [extensions](#)



Note: If you did not install Symphony, Servers, Server Groups, and Extensions may not be available depending on how your instance is hosted.

About

Click About to view the About screen for this Symphony instance.

The About screen displays information such as:

- Version
- Release Kind
- Build Date
- Licensed To



- License Kind
- License IDs
- Session ID
- Application Diagnostics

All users can access a similar screen from their [profile](#) via the **More about this product** link, but non-administrator users see fewer details. To also hide the product version from those users, enable the **Hide Error Stack Traces** [configuration setting](#).

 **Note:** Application diagnostics can contain useful information such as installed drivers and memory cache usage.

For more information, see:

- [Edit Your Profile and Change Your Password](#)
- [How to Reset the Admin Password](#)
- [Symphony Managed Dashboard and Managed Report Security](#)

Multi-Tenancy in Symphony

Multi-tenancy allows administrators to easily create and manage tenants. Each tenant has its own complete set of administrators, users, and groups.

One use of a multi-tenant instance is for a SaaS solution provider who wants to enhance their software BI and analytics capabilities by integrating Symphony content. Additionally, you can deploy a multi-tenant instance to deploy a client-facing portal, or to support a large internal deployment that requires complete isolation between different departments or lines of business.

Symphony tenants are specially designed to be completely isolated from other tenants in a single Symphony instance where:

- Each tenant can have its own content
- Content can be shared with all tenants using optional data security based on who is logged on
- You can design an environment where a combination of both approaches is used



Important: You must have the appropriate licensing from insightsoftware to see this option.

There are several steps you'll take to deploy multi-tenancy in your environment. [Create](#) the tenants, define an admin user for the tenant, create [tenant projects](#), set up [access](#) to data connectors, and [create users](#) within the tenant.

For more information, see:

- [Create a New Tenant](#)
- [Create Tenant Projects](#)
- [*New*Define Tenant Access to the <GLOBAL> Project](#)
- [Connect to Data and View it on a Dashboard](#)
- [Create and Add Additional Tenant Admin Users](#)
- [Add and Edit Tenant Users](#)
- [Disable, Enable, And Remove Tenants](#)

About Dialog

The About dialog identifies the version of Symphony you are using and provides a link to the terms of service. Access by selecting **About** in the **Help Center** menu in the [menu](#).



Log out of the product: Select **Log out**.

View the Terms of Service by selecting the Terms of Service link.



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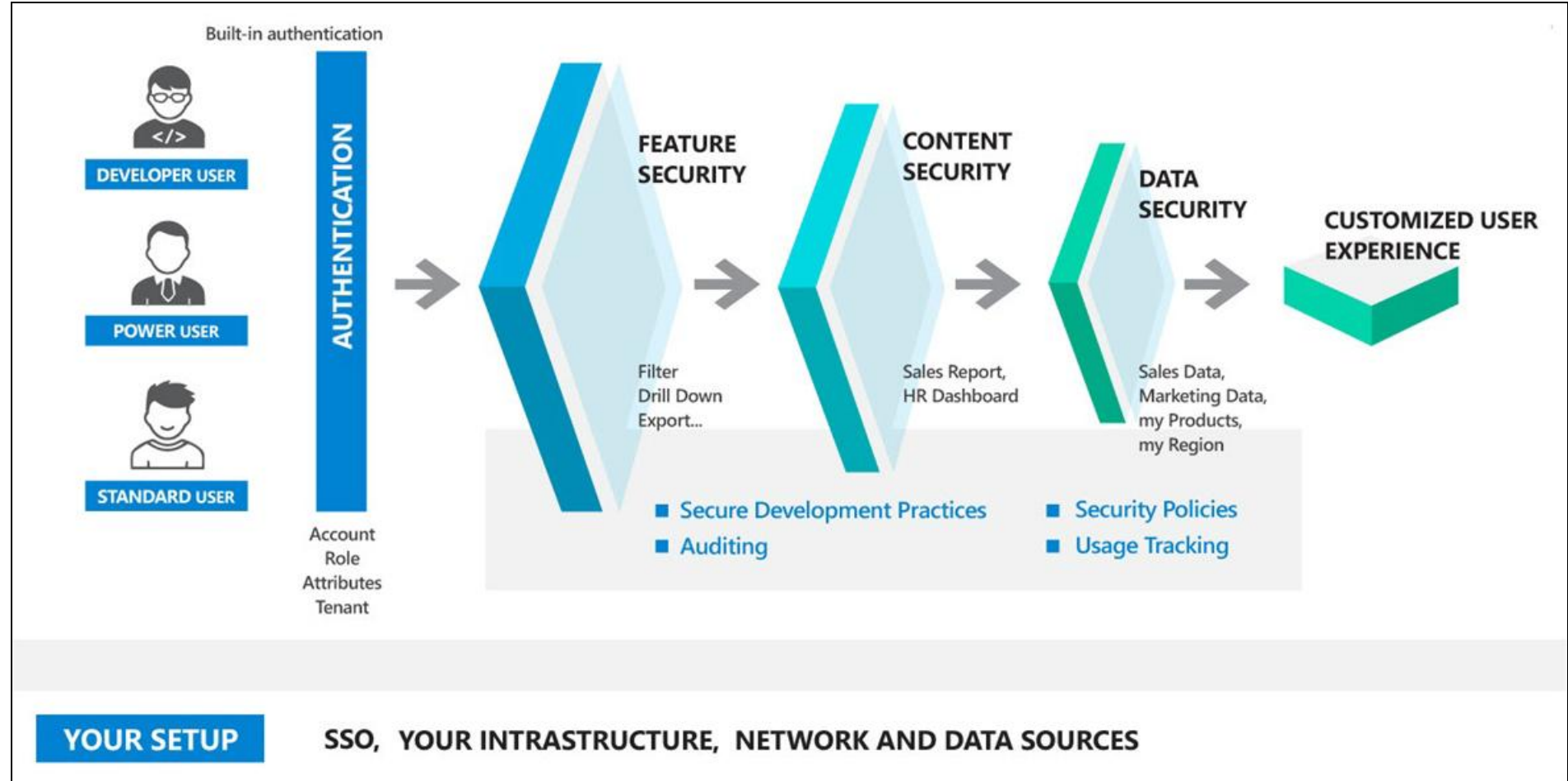
Contact Technical Support

To open a support ticket, use the Support tab using this link: <https://devnet.logianalytics.com/hc/en-us>.

Symphony Managed Dashboard and Managed Report Security

This applies to: *Managed Dashboards, Managed Reports*

Symphony offers a wide variety of security and permissions options you can use to customize and secure your deployment. You can customize access to functionality and content at both broad and granular levels, set up row-level security or other data access control, monitor application usage and events, and integrate with your own organization's security infrastructure.



Users are assigned Seat Types, used to determine broadly which areas of Symphony they can access. Other security settings, such as feature security, content security, and various layers of organization security may further restrict what a specific user or groups of users can access.

See the following articles for more details on Managed Server and Managed Reports security in Symphony.



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- [Seat Types](#)
- [Feature Security](#)
- [Content Security](#)
- [Data Security](#)
- [Organizational Security](#)
- [Configuration Settings](#)



Data Discovery Security

This applies to: *Visual Data Discovery*

Symphony provides robust data security that ensures the "three As" of security -- proper [authentication](#), [authorization](#), and [accounting](#) of the visual analytics environment. Additionally, its architecture provides [inherent data security](#).

Authentication

Administrators can manage access to the application by creating user accounts in Symphony, or by synchronizing with an authentication identity provider (idP) to take advantage of centralized user management and authentication.

Symphony adheres to standards-based methods for defining and enforcing security. This includes [Trusted Access](#), a default in-house developed security methodology that allows for machine-to-machine authorization of Symphony resources when embedded in your application, using delegated authorization.

Other supported standard authentication protocols include Kerberos (SPNEGO), X.509, and SAML2 for single sign on, along with plug-ins for LDAP and SAML2 IdPs to facilitate user and permissions verification. Where available, Symphony can authenticate as a microservice using Kerberos or LDAP on connections to data sources.

Authorization

Symphony's authorization security model allows administrators to configure user access to data sources, attributes, and records. Fine-grained access control is configured at the group level with permissions passed via inheritance to the groups members (users).

For data sources that support delegation, pass user credentials as a connection parameter. When enabled, the database authorization policies are enforced on queries so that they run with that user's privileges.

Accounting

Advanced accounting permits logging of all data a user viewed while using Symphony. This is performed by logging all WebSocket data transmitted to the user's browser. All user activity can be recorded in the Symphony application logs in your instance.

Inherent Data Security

Symphony is inherently secure because there is no need to extract or move data out of secured platforms. Direct data connectivity, push-down processing, adaptive caching, Data Sharpening™, and standards-based authentication and authorization (including user delegation) make it possible to securely work with the most current data in your data stores. Restricting the movement of data is a critical requirement for organizations that must regulated and monitor access to sensitive information, and whose data is too big to move.

Switch Tenants

This applies to: *Visual Data Discovery*

If a user is assigned to multiple tenants, they can switch between tenants when working in Symphony. Users can also be members of different groups on each tenant, with settings specific to each group in each tenant.

While you don't have to maintain multiple tenants, Symphony makes it easy to do so if you need to establish separate working areas for various groups in your organization.

- By default, users are assigned to the *Visual Data Discovery* tenant, and shown in Managed Dashboards as a *Global User*.
- After you've added more tenants, you can assign users to one or more tenants as needed. See [Assign and Remove Users in Tenants](#).
- If your environment has users who are assigned to multiple tenants, you can specify which tenant the user uses the next time they log in. See [Set the Current Tenant for a User](#).

Switch Tenants

1. Log into Symphony as a user assigned to multiple tenants.
2. Select **My Tenants** () in the main menu. A submenu opens, listing the names of the tenant you can access. If you are in Managed Dashboards or Managed Reports, select **Switch Tenants** from your profile.
3. Select the tenant you want to work in from the list of your tenants.

Depending on your group memberships and settings, you may have different levels of access to Symphony features and functions in different tenants. After switching tenants, your group membership and other settings determine what you can access of data sources, connections, and dashboards.

Admins can specify the tenant seen by a user the next time they log in. See [Set the Current Tenant for a User](#). You can also assign users to multiple tenants. See [Assign and Remove Users in Tenants](#).



Add a JDBC Driver

This applies to: *Visual Data Discovery*

For certain data sources, the JDBC drivers needed are no longer included in the installation package of Symphony. You need to provide your own JDBC driver for the following data sources:

- [Amazon Redshift](#)
- [Dremio](#)
- [Jira](#)
- [MemSQL](#)
- [MySQL](#)
- [Oracle](#)
- [SAP Hana](#)
- [SAP S/4HANA](#)
- [SAP IQ](#)
- [Salesforce](#)
- [Snowflake](#)
- [Teradata](#)
- [Vertica](#)

The following Symphony connectors are distributed with a JDBC driver, but you can download and install newer versions using the information in this topic: [Snowflake](#).



This approach allows you the flexibility to add a specific JDBC driver that meets your licensing, support policies or operational needs. As a result, in order to connect to and visualize data from Symphony, you first need to download and install a JDBC driver.

Caveats

If the JDBC driver for the Symphony connector is not configured, the connector server will not start and the connector cannot be enabled within Symphony. See [Manage Connectors And Connector Servers](#).

Install a JDBC Driver

To use any of the connectors listed above, perform the following steps to install the required JDBC driver after successful installation of Symphony microservices:

1. Download the required driver from the vendor's site to the corresponding Symphony instance. Place the required driver in the following folder:
 - i. Linux platforms: `/opt/zoomdata/lib/edc-<connector_name>/`.
 - ii. Windows platforms: `<install_path>\lib\edc-<connector_name>/`. For example, place MySQL libraries for the default Symphony path install in this folder: `c:\logi-composer\lib\edc-mysql\` if Symphony is installed in `c:\logi-composer\`.

Important: The truststore path passed as part of the JDBC url must only contain forward (/) slashes in Windows environments.

If the folder does not exist, you need to create it in the location mentioned above. See the following table for resources for vendor's JDBC drivers. Make sure that the Symphony administrator has read-level access rights to the JDBC driver (JAR) file.

Connector	Link to JDBC Driver	License Type	Supported Version
Amazon Redshift	http://docs.aws.amazon.com/redshift/latest/mgmt/configure-jdbc-connection.html#download-jdbc-driver	Commercial	1.2.16.1027
Dremio	https://www.dremio.com/drivers/	LGPL	4.1
MemSQL	https://dev.mysql.com/downloads/connector/j/	LGPL	8.0.13
MySQL	https://dev.mysql.com/downloads/connector/j/	LGPL	8.0.13
Oracle	https://www.oracle.com/database/technologies/appdev/jdbc-ucp-183-downloads.html	Commercial	18.3.0.0
SAP Hana	https://developers.sap.com/trials-downloads.html	Commercial	2.0
SAP IQ	https://www.sap.com/index.html	Commercial	16
Snowflake	https://repo1.maven.org/maven2/net/snowflake/snowflake-jdbc/	LGPL	
Teradata	https://downloads.teradata.com/download/connectivity/jdbc-driver	Commercial	15.00.00.30
Vertica	https://www.vertica.com/client-drivers/	Commercial	All



2. Use the following command to access and open the property file:

- i. **Linux platforms:** `vi /etc/zoomdata/edc-<connector_name>.properties`. If you are not logged in as a root user, enter `sudo vi /etc/zoomdata/edc-<connector_name>.properties` to create the desired file. If the properties file does not exist, this command creates it.
- ii. **Windows platforms, using a text editor that can edit Windows property files:** `<install-path>\conf-modified\edc-<connector_name>.properties`.

Replace `<connector_name>` with the name of the connector you are configuring:

Connector	Connector Property File Name
Amazon Redshift	edc-redshift.properties
MemSQL	edc-memsql.properties
Microsoft SQL Server	edc-mssql.properties
MySQL	edc-mysql.properties
Oracle	edc-oracle.properties
SAP Hana	edc-saphana.properties
SAP S/4HANA	
SAP IQ	edc-sapiq.properties
Snowflake	edc-snowflake.properties
Teradata	edc-teradata.properties
Vertica	edc-vertica.properties

3. In the `edc-<connector_name>.properties` file, add the following property:

```
datasource.driver-config.jar-path=<JDBC_driver_filepath>
```

If you need to add multiple paths, use a comma-separated list:

```
datasource.driver-config.jar-path=<JDBC_driver_filepath1>,<JDBC_driver_filepath2>
```

4. For [MemSQL](#) and [MySQL](#) connectors, add the following property to the property files:

```
datasource.driver-config.class-name=com.mysql.cj.jdbc.Driver
```

5. Save your changes to the properties file.
6. Restart the corresponding connector by running the appropriate command:
 - i. For CentOS and Ubuntu 18, 20, or 22: `systemctl restart zoomdata-edc-<connector_name>`
 - ii. For Windows: `PS C:\> Restart-Service -Name zoomdata-edc-<connector_name>`
7. Log in as the supervisor, access the Connectors page, and verify that the connector is enabled so it appears in the data source list. After the JDBC driver has been configured and the connector has been enabled, users with the correct access privileges can use the connector to connect to the data store in a [data source configuration](#).



Logi AI



Important: This feature is considered to be released in beta for your testing purposes. Workflows and features may change before a production-ready version is released.

Logi AI is a comprehensive and agnostic generative artificial intelligence (AI) module designed to transform the way you analyze your data. As a flexible AI platform, you can create your own AI-powered chatbots using any LLM or SLM you have, and embed them directly into dashboards and visualizations or even any webpage you might have. Chatflows can securely access data from Logi Symphony and use it for Retrieval-Augmented Generation (RAG).

These embedded chatbots help you elevate the user experience, making complex data analytics intuitive and effective for informed data-driven decisions.

Adjust chatflows based on your use cases, AI services and security policies, ensuring actionable insights are easily accessible and perfectly aligned with your strategic goals. Use data from anywhere, and swap out any modules including vector storage to ones you use.

Four starter templates are available from insightsoftware in the Flowise market place. See [Getting Started With Logi AI](#). These templates connect to your software using built-in connections, allowing you to seamlessly integrate and update the chatbots to suit your users' needs.

Working with a Beta Release

Logi AI is currently a beta release and optional component of Symphony. Back up your chatflows before you upgrade or apply incremental updates in your environment of any related or linked components, including Symphony and Flowise.

When you deploy Logi AI with our helm chart, an AI database is required, as well as a [persistent volume claim](#) to store API keys and logs.

.For more information on working with Logi AI in your environment, see the following topics:

- [Getting Started With Logi AI](#)
- [Create and Use a Chatflow](#)
- [Logi Symphony Document Loader](#)
- [Add Chatbots to Dashboards](#)
- [Use and Embed Chatbots In Your Application](#)
- [Generate SQL Statements](#)



- Archive of documentation for Logi Symphony v24

- [Logi AI Limitations](#)
- [Logi AI Solutions](#)



Logi Symphony - Software as a Service (SaaS)

Logi Symphony SaaS offers you the extensive data analytics capabilities of Symphony without needing to manage the day to day back-end upkeep of security, upgrades, and feature implementation. Designed to scale for your needs and provide a seamless onboarding experience, use Symphony directly, or as embedded components in your own environment. Start at a size to suit your current organizational needs, and expand as your requirements grow.

Your Symphony environment is hosted as a secure Kubernetes instance installed and managed by insightsoftware. We take care of the maintenance, including uptime, version upgrades, licensing, features management, security, and more.

Maintenance and Administration

Run Symphony without maintaining dedicated hardware, operating systems, or manually managing Symphony upgrades. We'll keep your instance backed up and work with you to make available your disaster recovery plan.

Make the most of your separate development and production environments to manage your content and applications:

- Use your development environment to stage and test new access options, features, access for external applications, connections, dashboards and visualizations, and data sources. Trial Symphony upgrades before they go live to your production environment.
- When ready, publish content and resources from your development (staging) instance to your production instance. If you've been testing an external application, simply update the applications to point to your production environment.

Security

We ensure your data is secure and not accessible by anyone outside of your environment or authorized insightsoftware support personnel. All sensitive credential data is encrypted, as is data in your apps and warehouse (at rest and in transit).

You define what you can and can't get through to your environment: specify a whitelist of egress endpoints as needed to return data to a specific web services, or access to external data sources through our secure gateway. If you use Symphony to embed components in your own application, you can make necessary changes to cross origin resource sharing (CORS) while maintaining your content security policy (CSP).



Important: Some Symphony features are restricted in your SaaS environment. These restrictions are generally related to use of custom extensions, tenant warehouse overrides, and some transforms for managed dashboards. This also extends to settings and features that insightsoftware maintains on your organization's behalf.

For more information, see: [Logi Symphony SaaS Solutions](#).