Master Server Installation

Steps:

1) **Download** the provided Installation Package from https://www.lakesidesoftware.com/product-briefs/introducing-systrack-90/

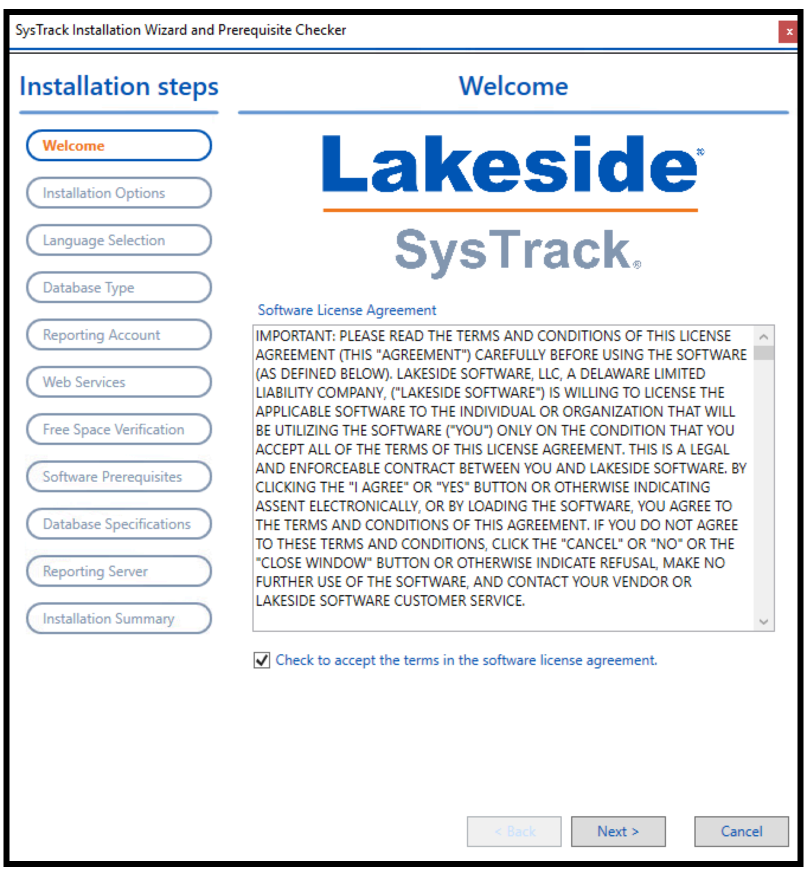
2) **Extract** the installation files to a location on your SysTrack Master System.

3) Right-click the Setup application and select **Run as administrator** from the resulting menu.

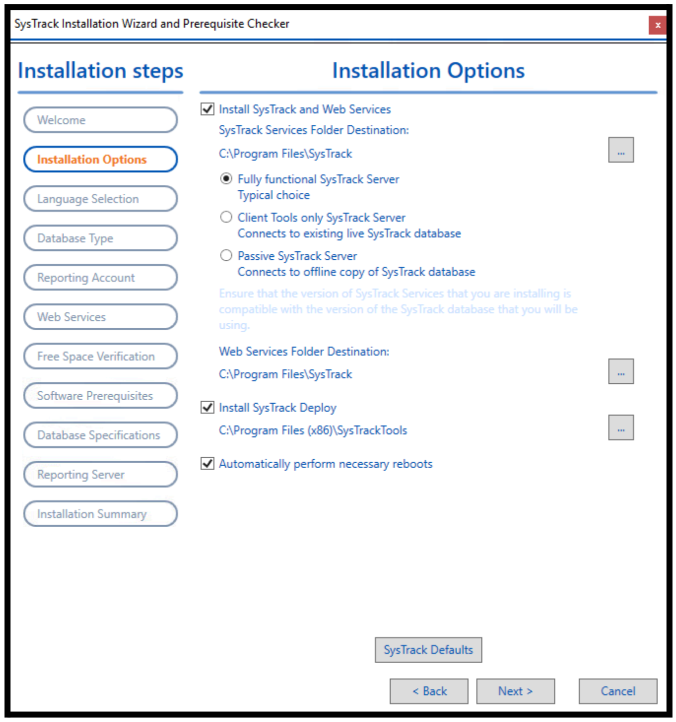
4) A prompt may require a system restart before continuing the installation.

5) The installer should start back up automatically when the user logs back in.

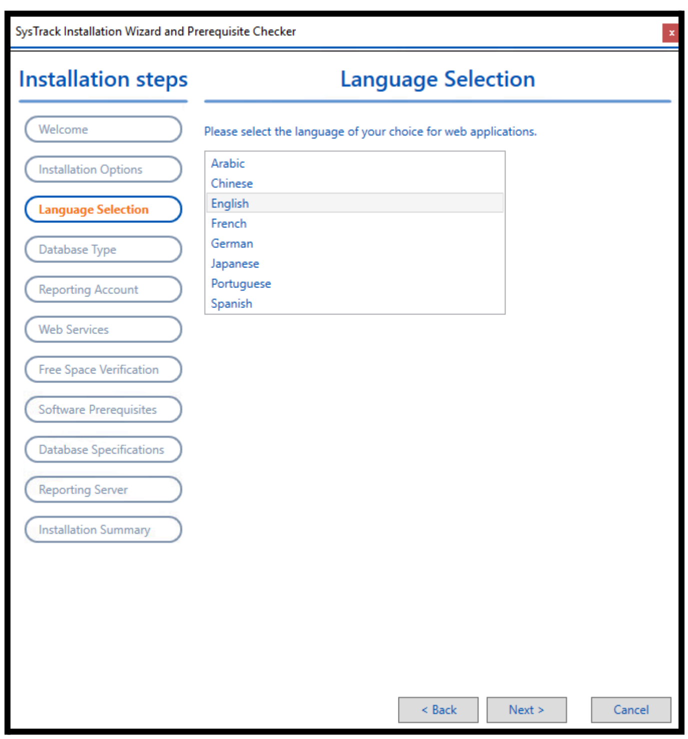
6) In the **Welcome** tab, **mark the checkbox** to accept the terms in the Software License Agreement and click **Next**.



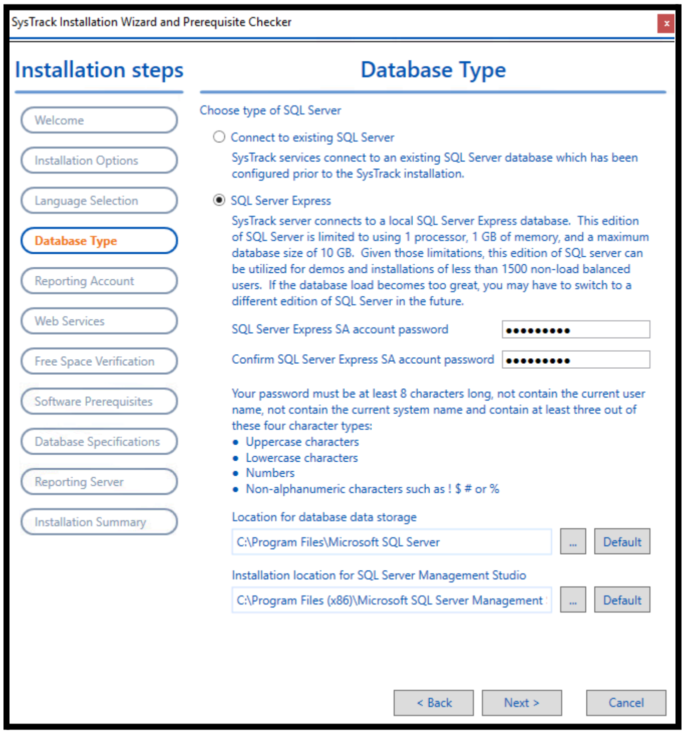
7) In the **Installation Options** tab, there are several installation options to choose from. So select the **default settings** as in the following image and click **Next**.



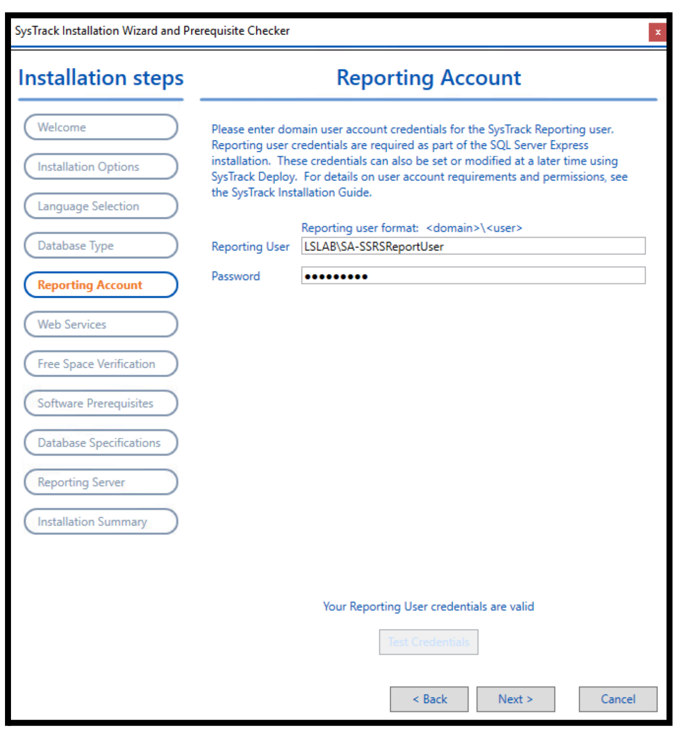
8) In **Language Selection** tab, select the language **(English)** to be used for SysTrack web-based applications and click **Next**.



9) In **Database Type** tab, if we have an **existing SQL Server database** which has been configured prior to the SysTrack installation then select **Connect to existing SQL Server** to allow SysTrack services to connect the database or use an existing SQL Server database to install **SQL Server Express**. Create a strong password and write it in **SQL Server Express SA account password** and also in **Confirm SQL Server Express SA account password** and click **Next**.



10) In **Reporting Account** tab, enter a **Windows Domain Account** and **Username** in the following format: **domain\user** then enter a **Password** and click on **Test Credentials** for verifying and click **Next**.

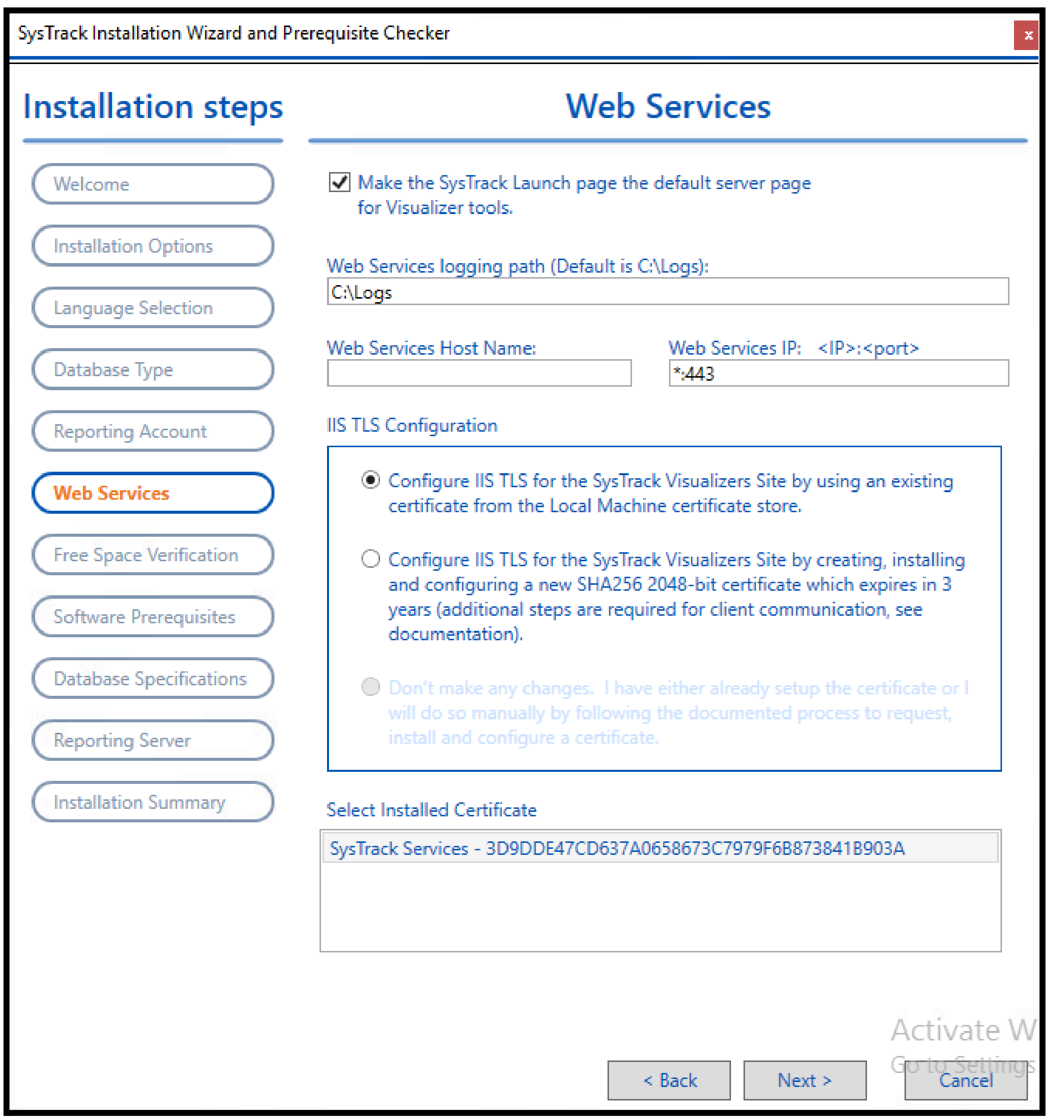


11) In **Web Services** tab, in the **Web Services logging path** keep the default path **(C:\Logs)** or enter a different path.

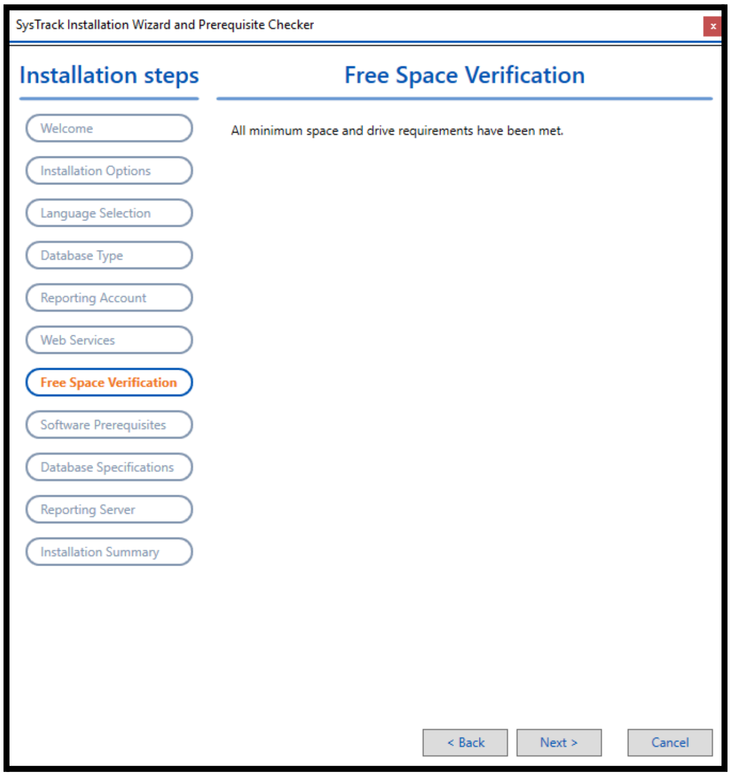
In **IIS TLS Configuration**, select any one radio button:

- Select the first option if a **trusted certificate has already been created and installed on the local machine**.
- Select the second option to create a **self-signed certificate**.

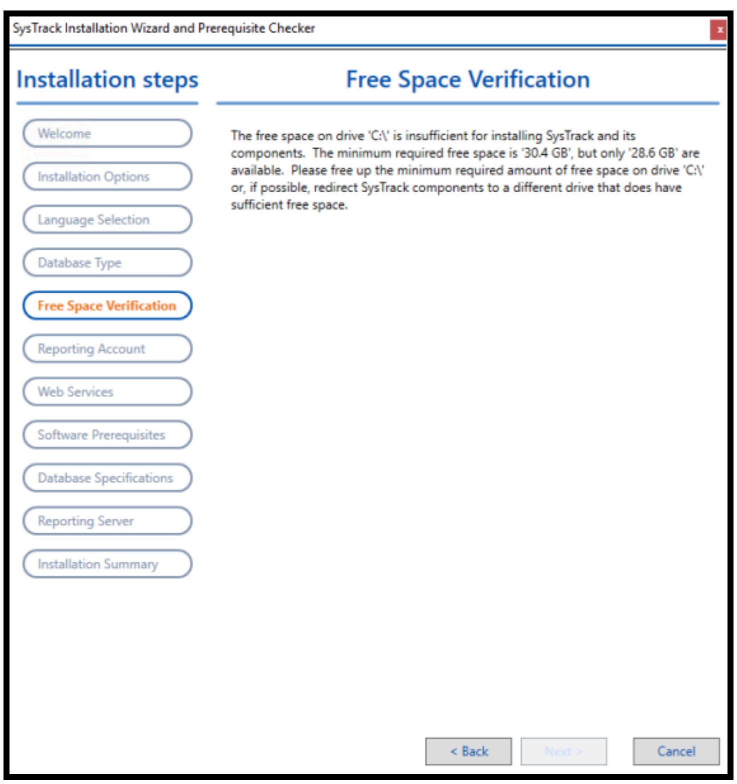
To maintain STIG compliance when selecting either of the IIS TLS Configuration options, we must complete the **Web Services Host Name** field and enter the **Web Services IP followed by :443** in the **Web Services IP field** and click **Next**.



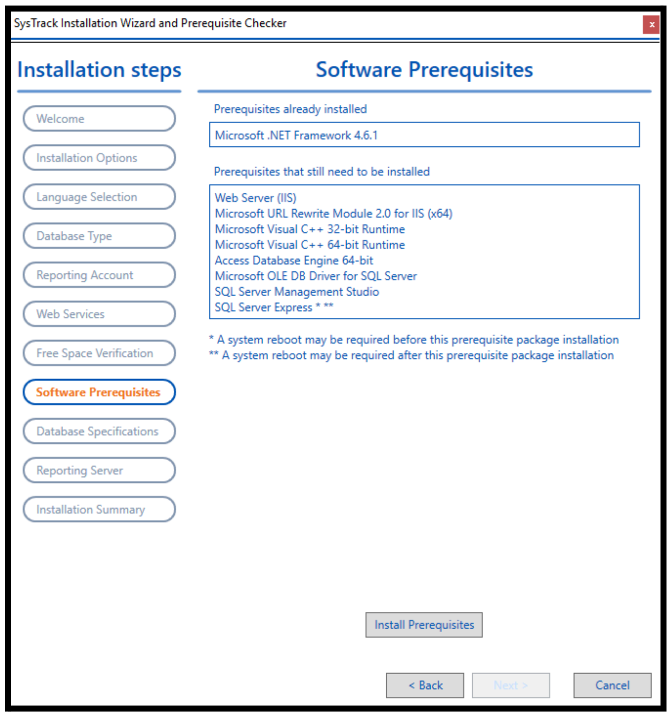
12) In **Free Space Verification** tab, wait while the space checker verifies if the system on which you are installing SysTrack has sufficient space and drive requirements. If our **space requirements are met** then click **Next**.



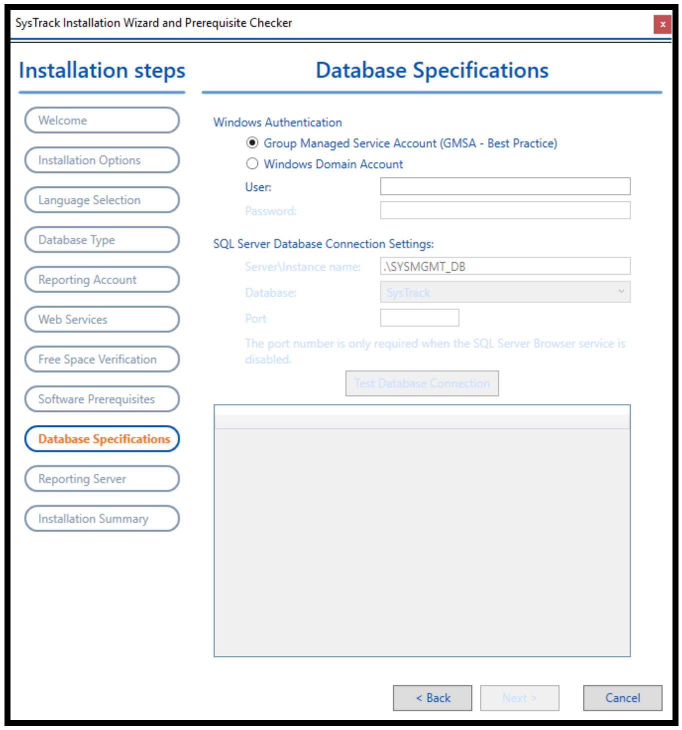
If there is **insufficient space to install SysTrack** and its components, a message will display **“Free space on drive”** or **“redirect SysTrack components to a different drive that does have sufficient free space”**.



13) In **Software Prerequisites** tab, the **SysTrack installation** determines which required software is already on the system and which software needs to be installed. After running the prerequisite check a list of prerequisites already installed and those that still need to be installed are displayed. If prerequisites need to be installed click **Install Prerequisites** and click **Next**.



14) In **Database Specifications** tab, enter the name of our **GMSA** (make sure to include the dollar sign at the end) or **Windows Domain Account** in the **User** field. If we are using the **SQL Express** option, the fields will be pre-populated with default information and the login and password you provided on the **Database Type** tab. If we selected the **Connect to existing SQL Server** option then specify the **Login, Password** and **Database** that we created during the database preparation. Now we have to click **Test Database Connection** then **SysTrack Installation** verifies the database connection and displays a **Status Progress Table**. If any of the database specifications do not pass the test then follow the recommendations listed in the **Description** column next to the failed items shown in **Status** column and click **Next**.

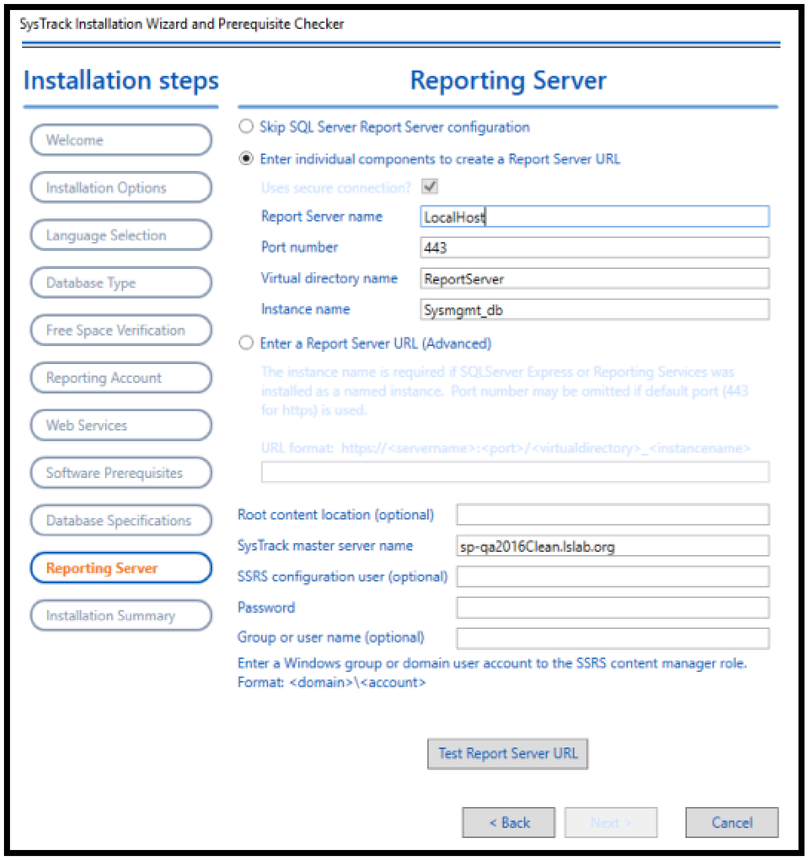


15) In **Reporting Server** tab, if we are using a SQL Report Server then we need to set up our report server and ensure that it is working correctly.

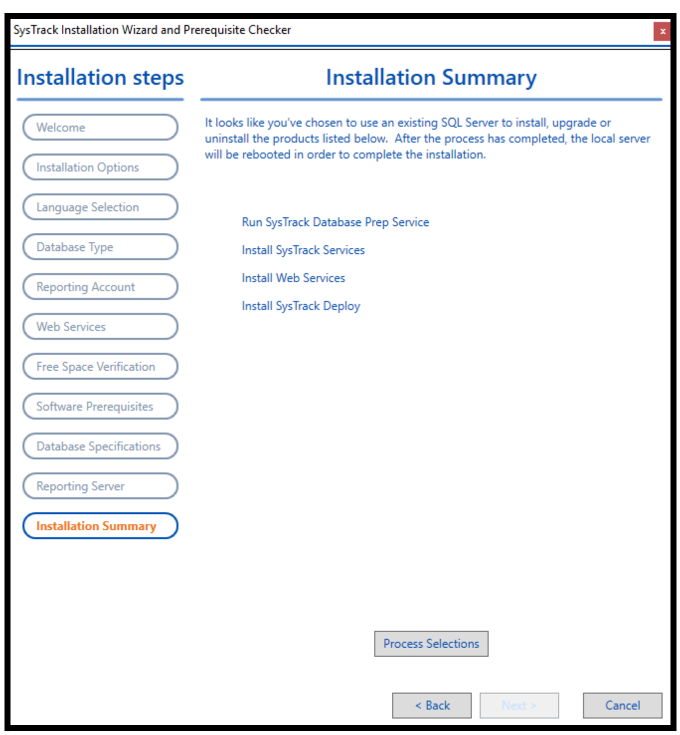
So choose from one of the following:

- Select **Enter individual components to create a Report Server URL** option and then complete the information for each field for this option.
- If we know our report server's URL, select **Enter a Report Server URL** option and then enter the URL in the provided field.
- Enter an optional **SSRS configuration user account** to be used as a reporting account for a successful connection test to the report server and enter the **password**.
- Enter a **windows domain user** or **group account** to the SSRS Content Manager role in the Group or user name field.
- Then click **Test Report Server URL** to verify the connection and click **Next**.

A **SQL Report Server** is the central component of a **Microsoft SQL Server Reporting Services (SSRS)** installation. Using a SQL Report Server allows you to display various reports in SysTrack applications such as **SysTrack Visualizer** and **Transform**.



16) In **Installation Summary**, click **Process Selections** to proceed with the installation and wait while the SysTrack services, Web Services and Administrative tools (SysTrack Deploy) install. The system will reboot to complete the installation.



Dashboard

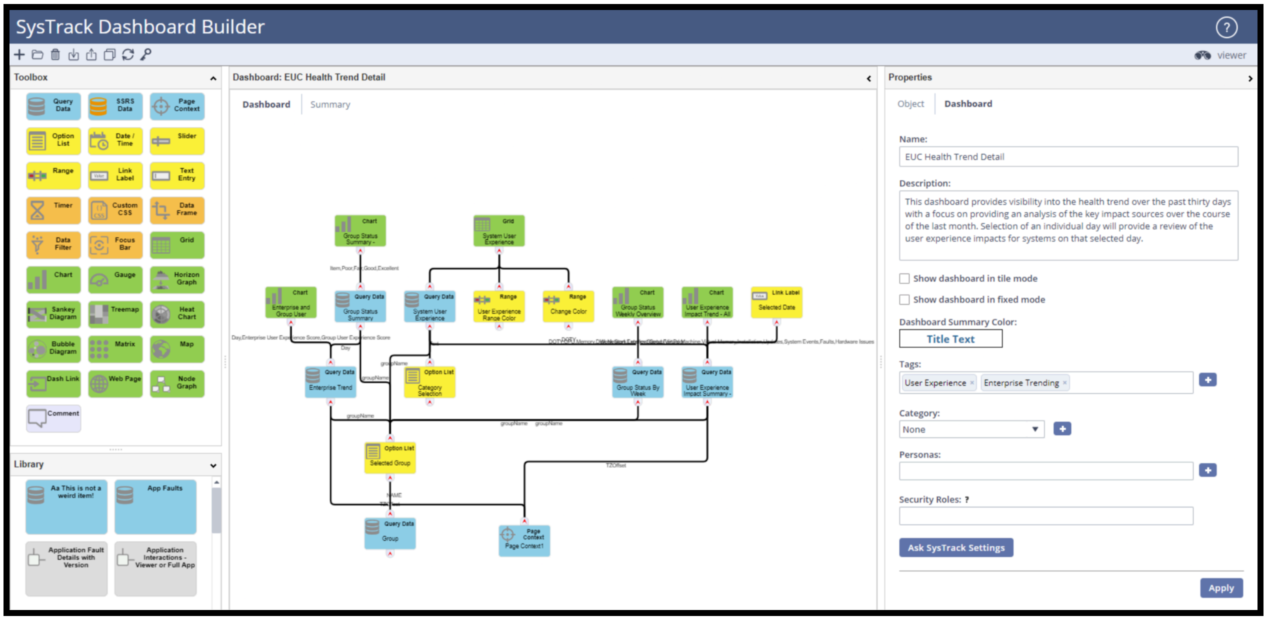
SysTrack dashboards are installed with SysTrack and provide customized views of real-time data, allowing insights into SysTrack data as well as external databases. Dashboards can display this data in a variety of formats including a grid, different types of charts, gauges and other visualizations. The user can interact with the dashboard by providing input on selections, modifying filter criteria and customizing information displayed in the charts.

Dashboard Viewer:

SysTrack dashboards can be viewed from the SysTrack Dashboard Viewer.

Dashboard Builder:

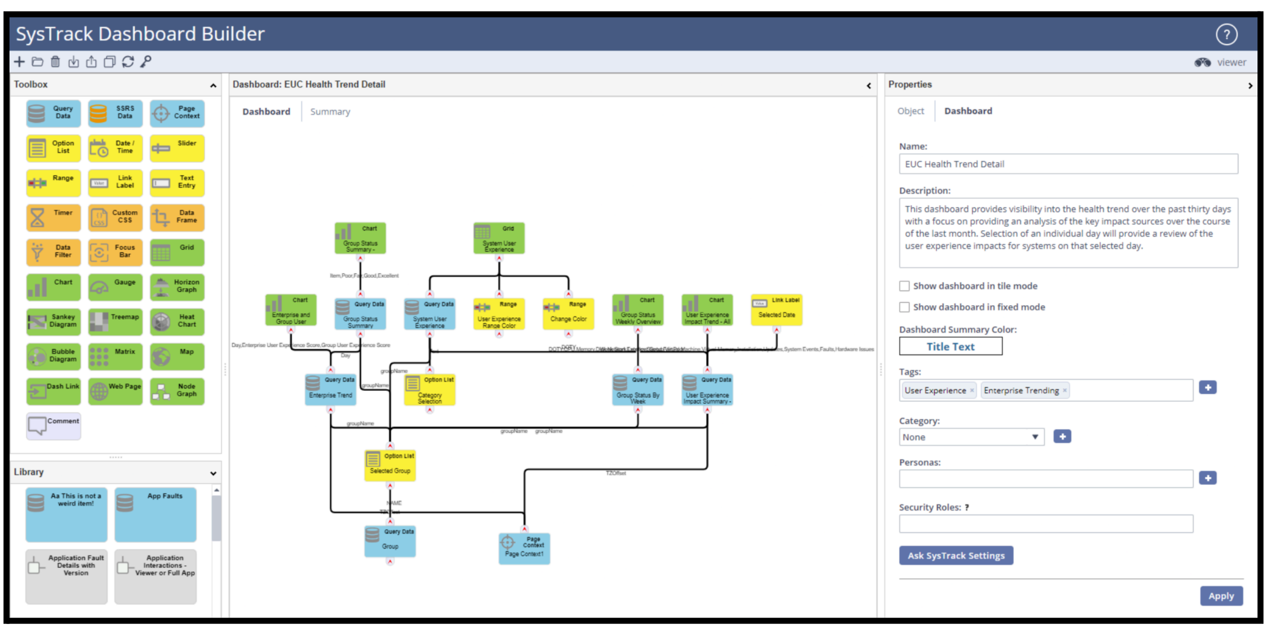
Dashboards are created using the Dashboard Builder. Access to the SysTrack Dashboard Builder is dependent on your security privileges as set up by your System Administrator in SysTrack Deploy.



Build Systrack Dashboard:

The SysTrack Dashboard Builder provides a means for IT professionals to easily create, save, share and refine custom views of any of the data available to them in their enterprise in a way that is easily accessible to a viewer.

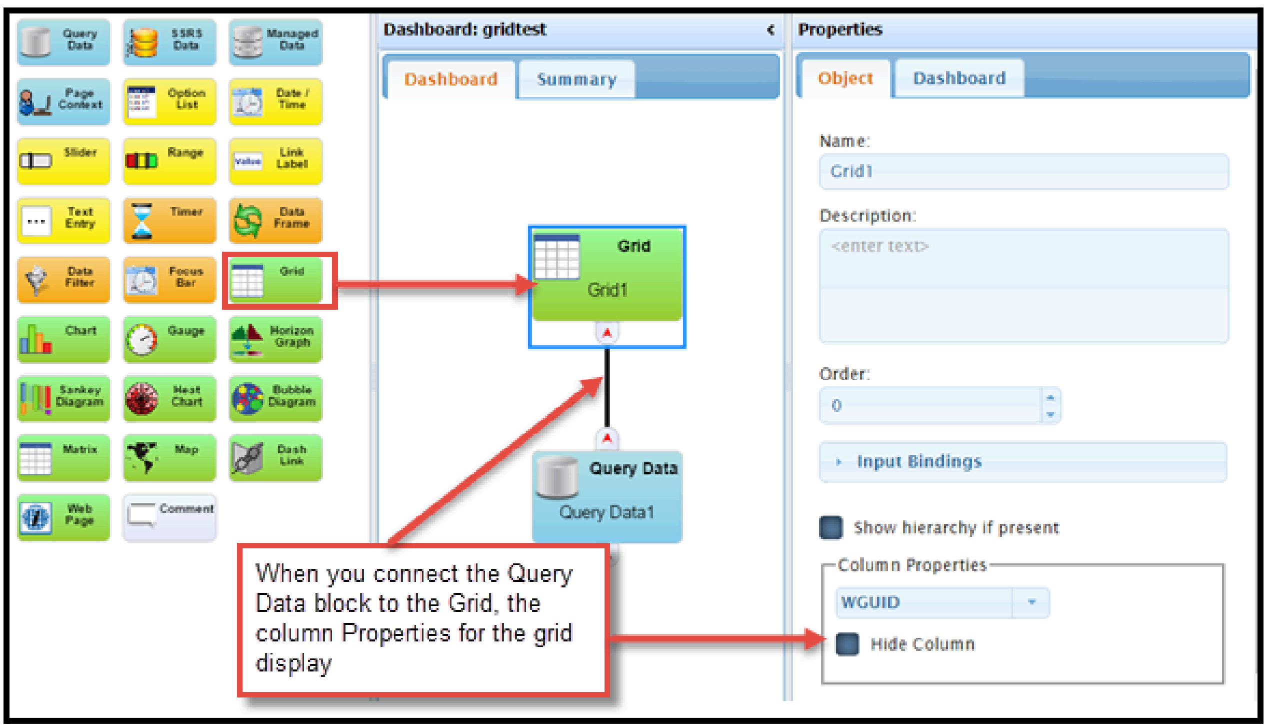
Dashboards are built by using a variety of data blocks and visualization objects on the Dashboard workspace, defining each object's properties and linking them.



Build a Basic Dashboard:

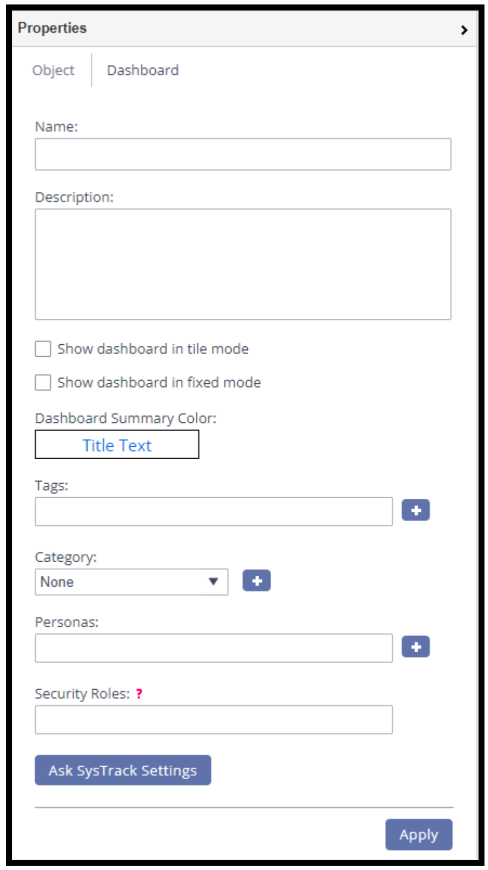
Dashboards are built by dragging **data blocks and visualization objects** from the Toolbox to the workspace, defining each object's properties, and **linking** them to one another. Before you begin, familiarize yourself with the **Dashboard Builder Workspace**.

1) Drag a **Query Data block** to the workspace and define the Query Data block as necessary. The Query Data block retrieves data based on a SQL query and makes it available to a grid or other visualization objects. For users who are not completely familiar with writing SQL queries, the **Query Data** block also includes a Query Builder to help you build a SQL query to access SysTrack data.
2) Drag a visualization object block to the workspace (for example, a grid, gauge etc).
3) **Connect the Query Data Block to the visualization object** (grid, gauge, chart, etc) to supply data input to the visualization object.



4) Open the **Input Bindings** section and if necessary select an input. The **Input Bindings** section may be populated automatically if there is only one possible input for the type of object being linked.
5) Set the **Properties** for the visualization object on the **Object** tab (such as the **Column Properties** in the example above).
6) Optionally, supply an **Order** for where on the Dashboard you want the grid to display.
7) Optionally, rename the visualization object block in the **Name** field and provide a **Description**. The name will appear in the visualization object's title bar when the dashboard is viewed.

8) Click the **Apply** button on the **Dashboard** tab to save your changes.
9) Optionally, select the **Dashboard** tab, then add a **Name** and **Description** and select a **Dashboard Summary Color**. The dashboard name and description will display in any link to the dashboard, such as the Dashboard Browser. The Dashboard Summary Color will be used in the Dash Link object when it displays a link to this dashboard.
10) Optionally, either select or define any search tags, categories or personas you want to include with your dashboard.



11) If you wish to display your dashboard in Tile mode (suitable for mobile devices), select the **Show dashboard in tile mode** check box.
12) If you wish to restrict access to this Dashboard in the Dashboard Viewer select a security role (group or user) from the drop-down list in the **Security Roles** field. Leave this field blank if you wish all Dashboard Viewer users to have access to your dashboard.
13) Preview your dashboard to see how it displays in the Dashboard Viewer.

Preview a Dashboard from Dashboard Builder:

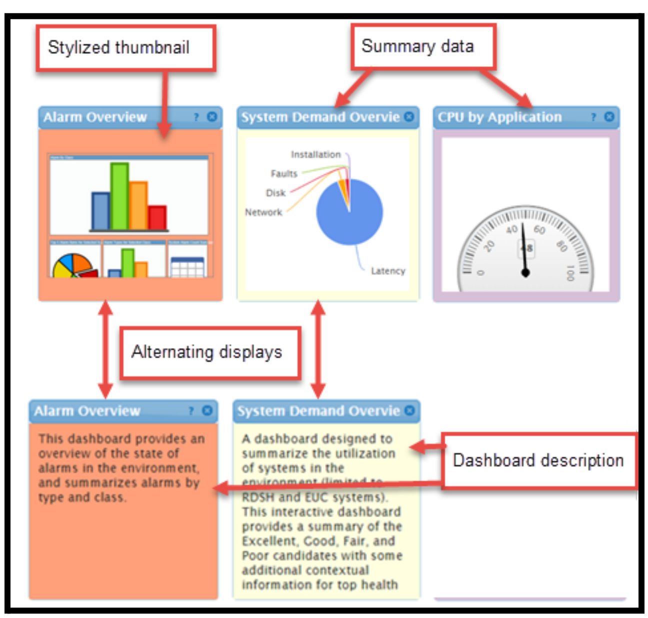
Click the **View Dashboard** icon in the top right corner of the Dashboard Builder page. To return to the Dashboard Builder from Dashboard Viewer, click the back button in your browser.

Create a Summary Dashboard:

You can create a summary dashboard composed of dash link panes each of which links to a specific dashboard as shown in the example below.

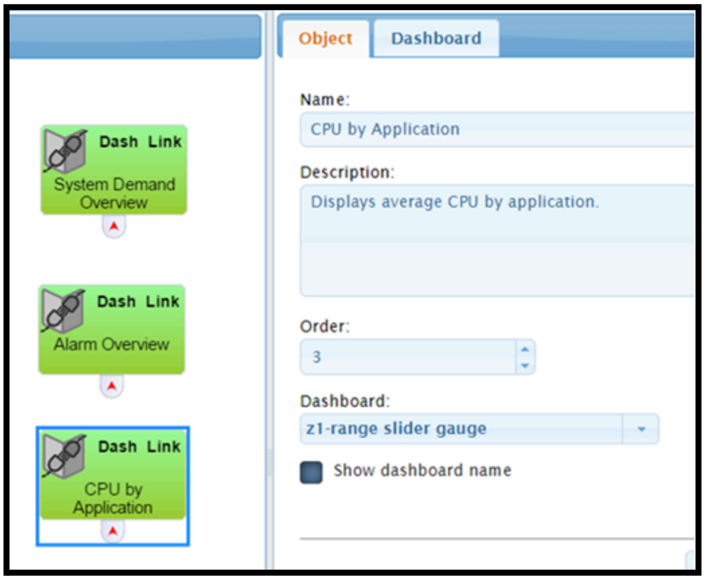
You can choose to display the following on a summary Dash Link pane:

- Alternate between displaying a description of the dashboard and a stylized thumbnail.
- Alternate between displaying a dashboard description and summary data from a grid, chart or gauge.
- Display only summary data from a Grid, Chart or Gauge with no alternating description.

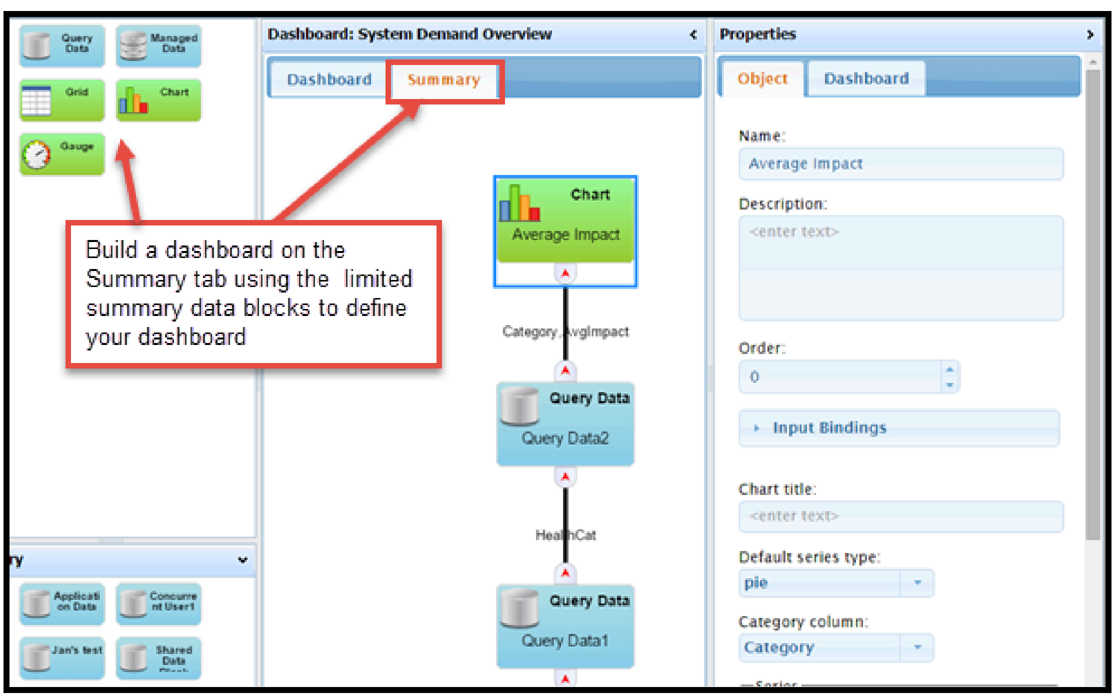


Create a Summary Dashboard for Linked Dashboards:

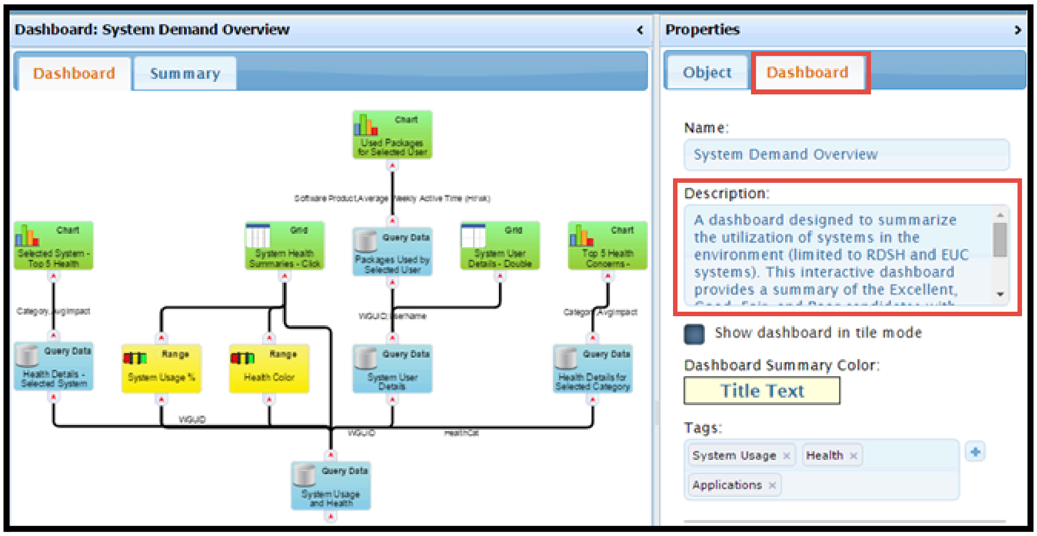
1) Define a Dash Link block on your workspace for each dashboard to which you wish to link.



2) Optionally, display summary data on a Dash Link pane:
   - Open the dashboard to which you wish to link and click the **Summary** tab.
   - Using the Data blocks available (Query Data, Managed Data, Grid, Chart or Gauge blocks) in the Summary tab Toolbox, build a dashboard for the summary information that you wish to display.



3) If you wish to display a description for your dashboard link, enter a description in the **Description** field on the **Dashboard** tab for the dashboard to which you are linking.



4) Optionally, click the **Dashboard Summary Color** button to select a color to use as the background color for the Dashboard Link Pane.
5) Click **Apply** to save your changes.
6) Repeat steps 2 - 5 for each dashboard to which you wish to link from a Dash Link block.