# Master Server Installation

1. **Download** the provided installation package.

   (https://www.lakesidesoftware.com/product-briefs/introducing-systrack-90/)

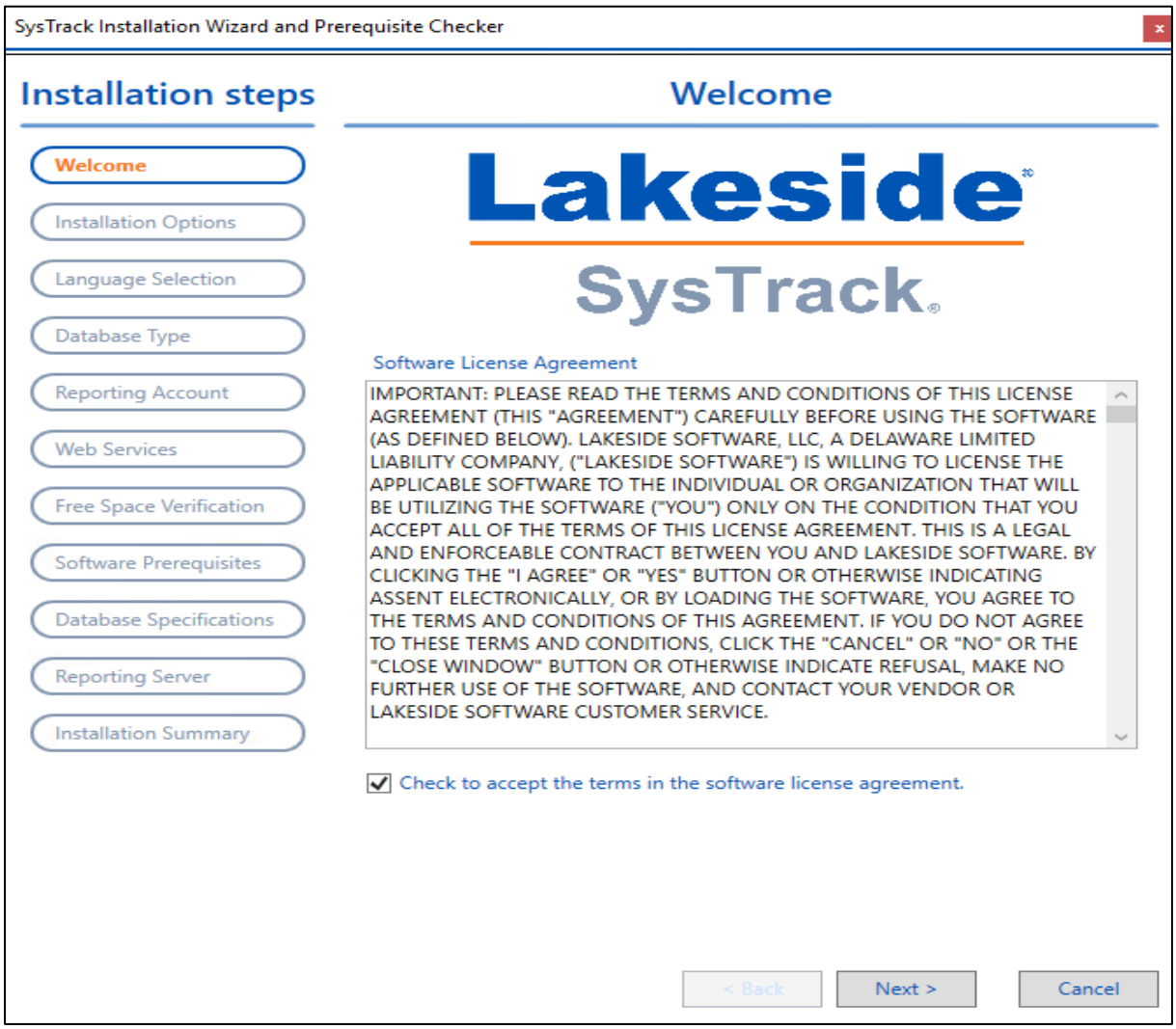
2. **Extract** the installation files to a location on your **SysTrack master system**.

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

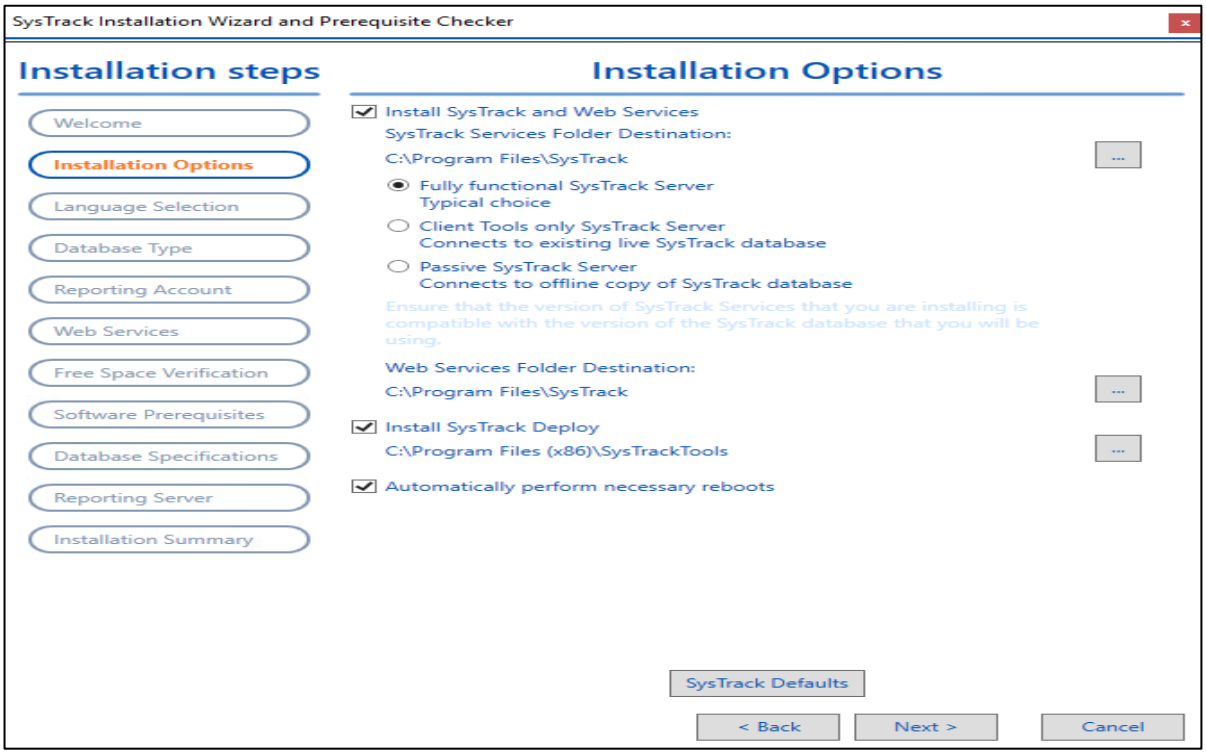
4. A prompt may require a **system restart** before continuing the installation.

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

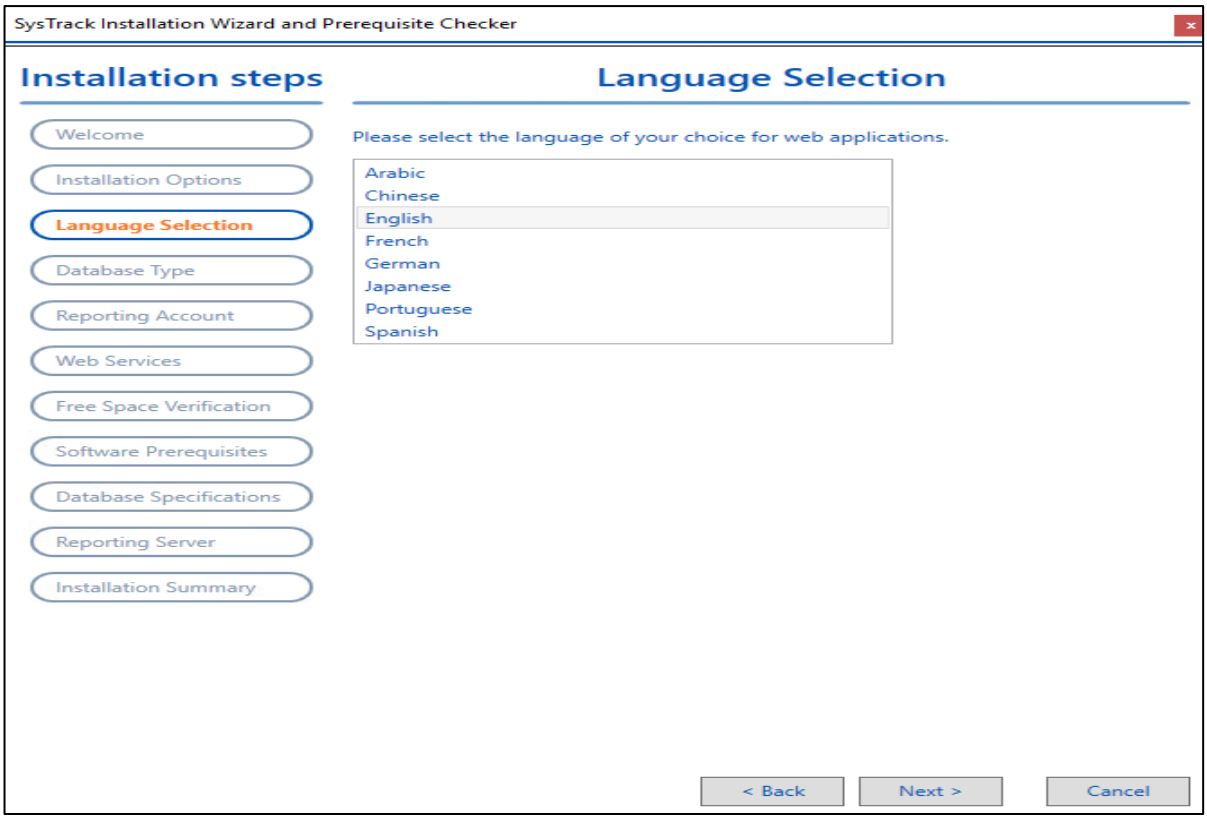
6. At the **Welcome dialog**, mark the checkbox to **accept** the terms in the Software License Agreement and click **Next**.



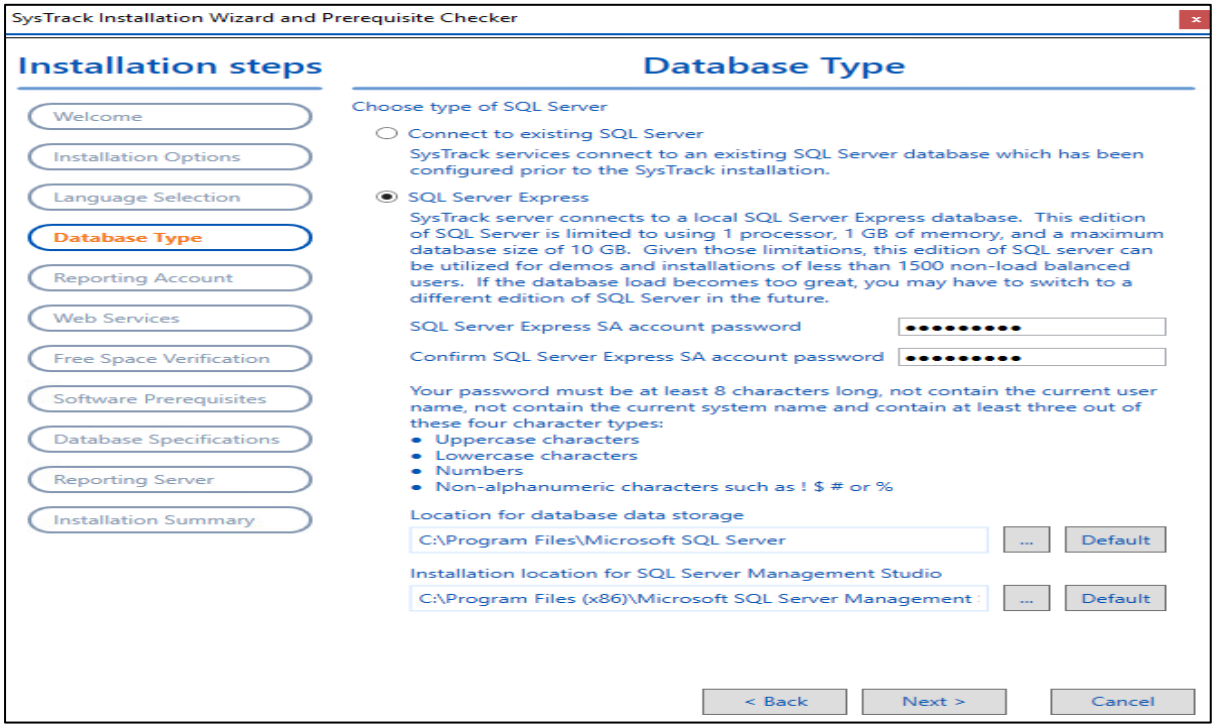
7. In **Installation Options**, there are several **installation options** to choose from in the Installation Options dialog. Default settings are shown.



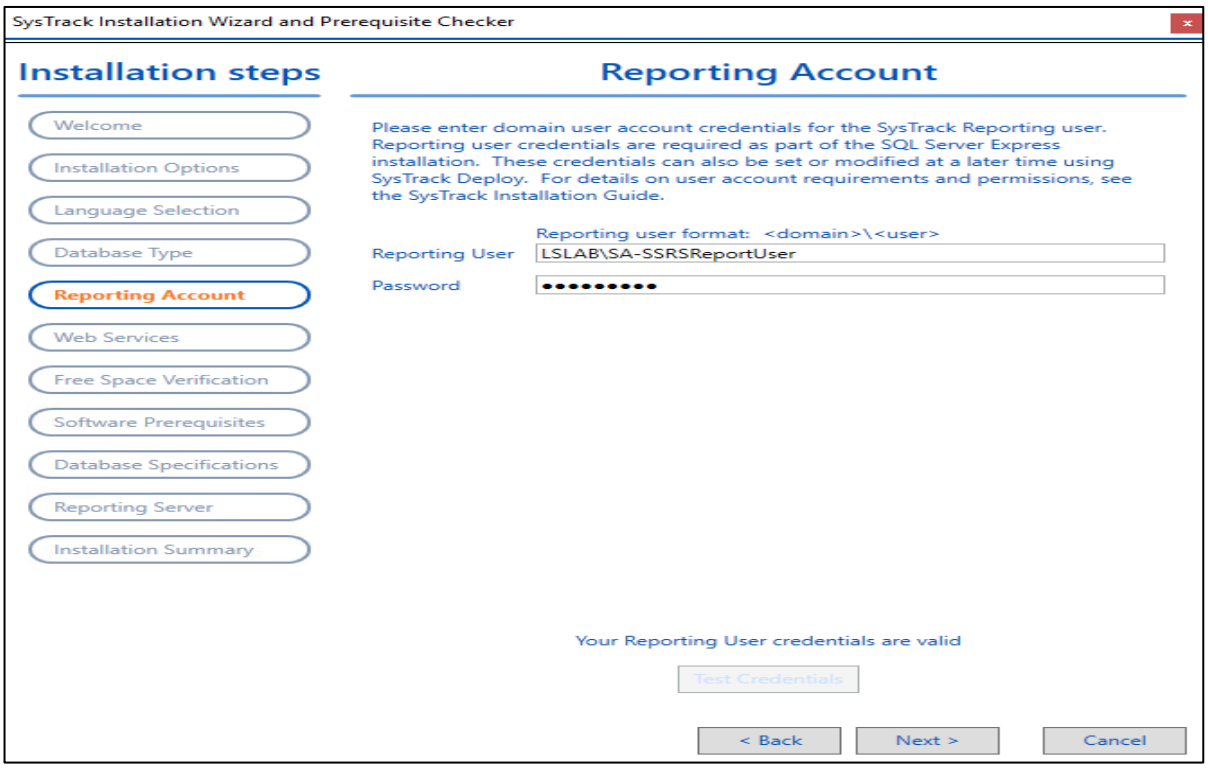

8. In **Language Selection** tab, select the language **(English)** to be used for SysTrack web-based applications and click **Next**.



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**.

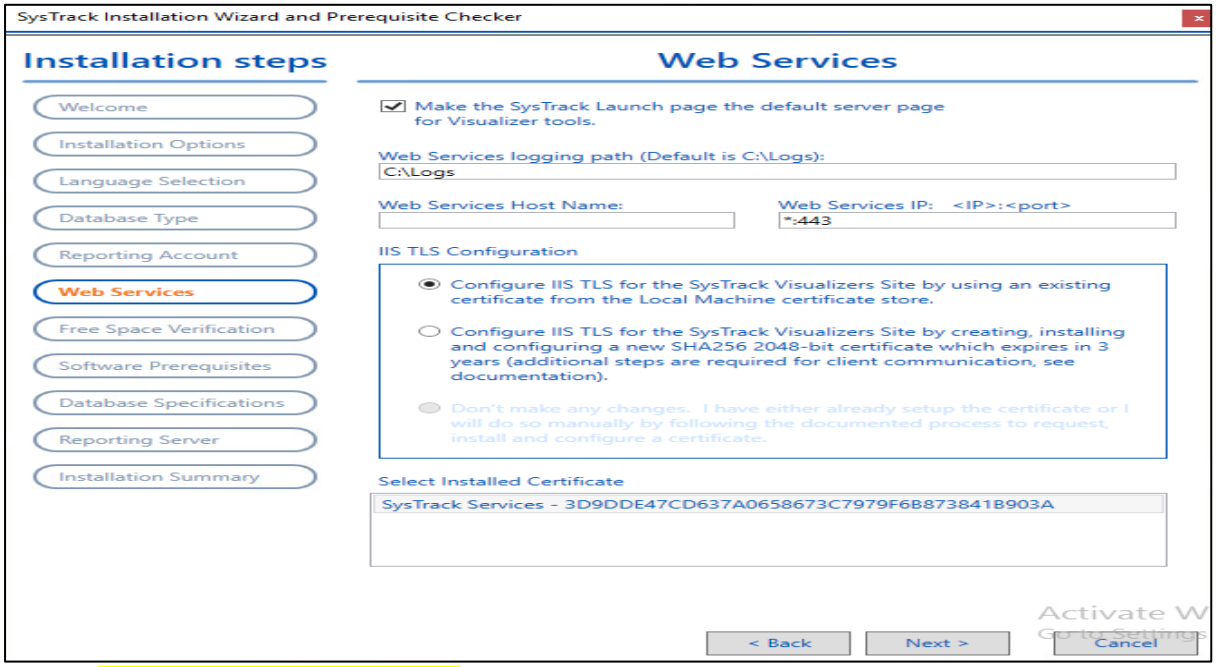



10. In **Reporting Account** tab, enter a **Windows Domain Account** and **Username** in the following format: **domain\user** then enter a **Password** and click on **Test Credentials** for verifying and click **Next**.

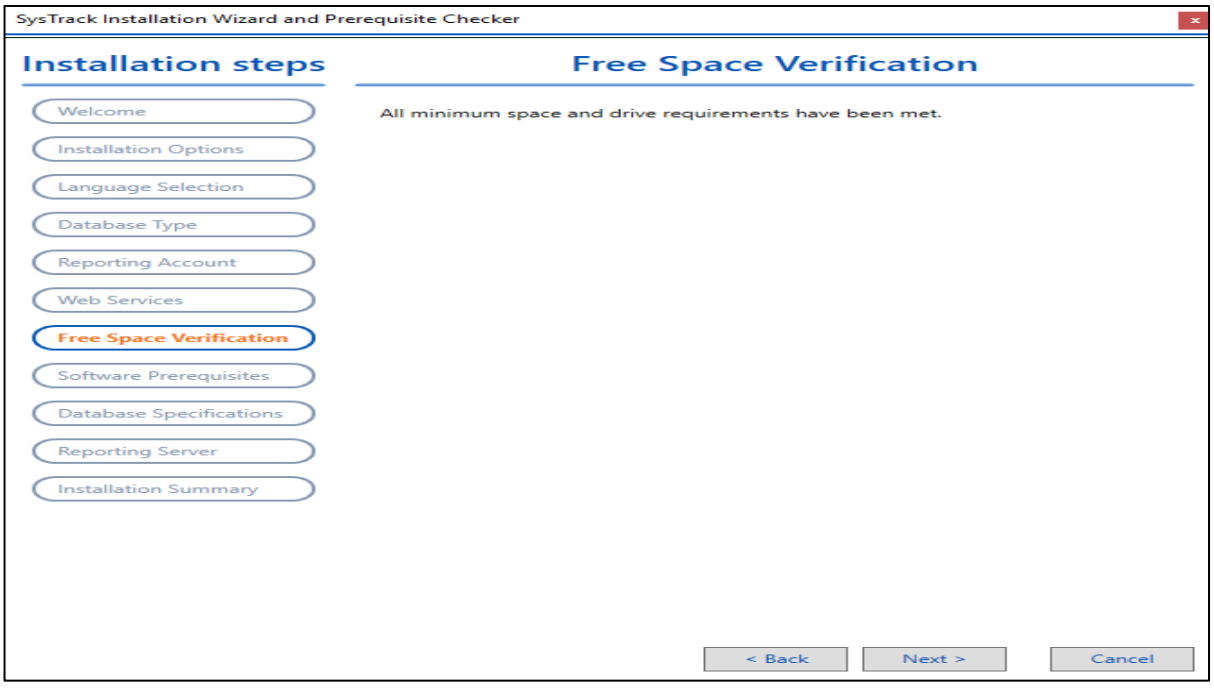


11. In **Web Services** tab, in the **Web Services logging path** keep the default path **(C:\Logs)** or enter a different path.
    In IIS TLS Configuration, select one of the following:
    - Select the first option if a trusted certificate has already been created and installed on the local machine.
    - 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.**

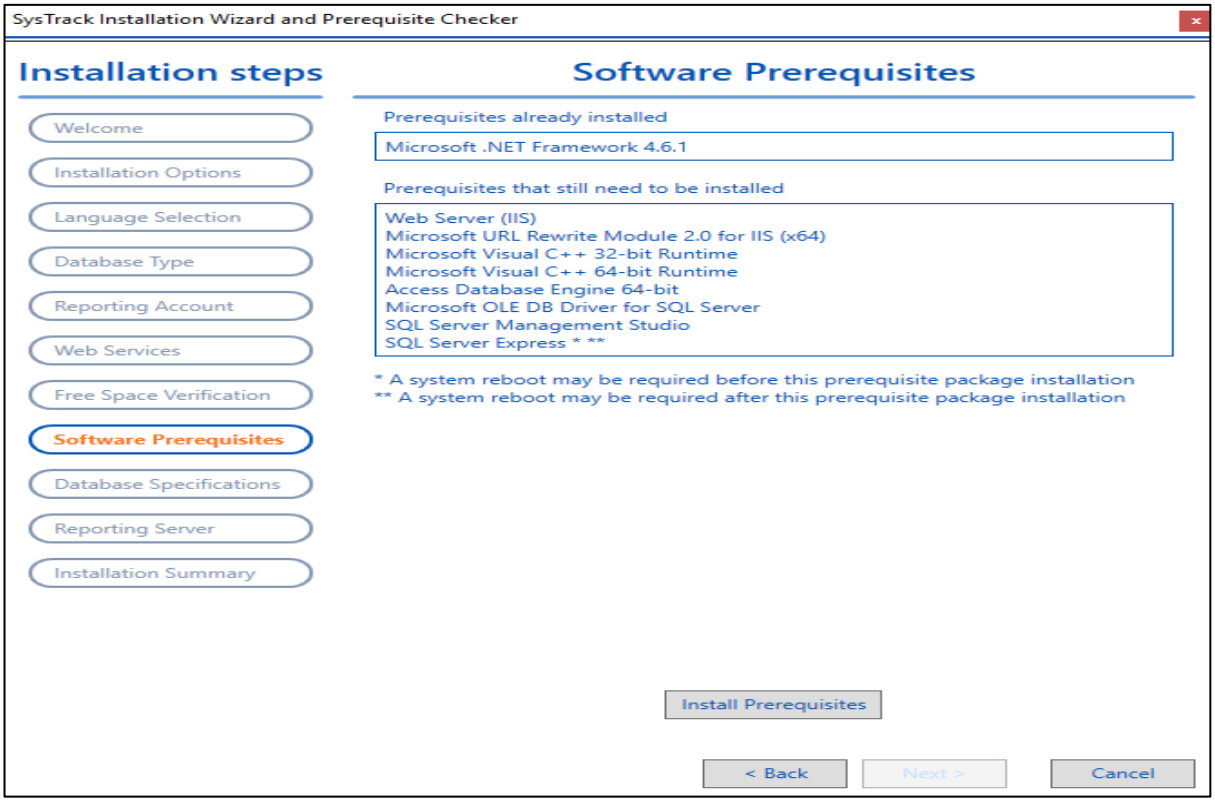



12. In **Free Space Verification** tab, wait while the space checker verifies if the system on which you are installing SysTrack has sufficient space and drive requirements. If our space requirements are met then click **Next**.

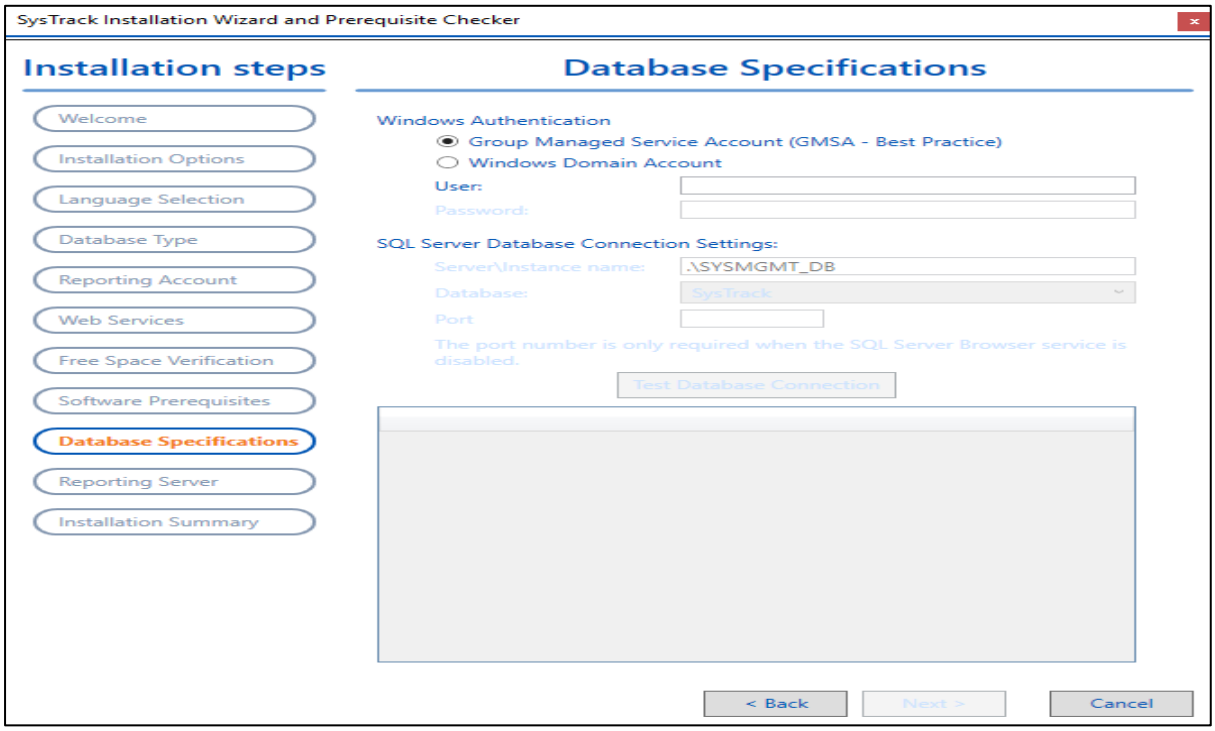


If there is **insufficient space to install SysTrack** and its components, a message will display **“Free space on drive”** or **“redirect SysTrack components to a different drive that does have sufficient free space”**.


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**.



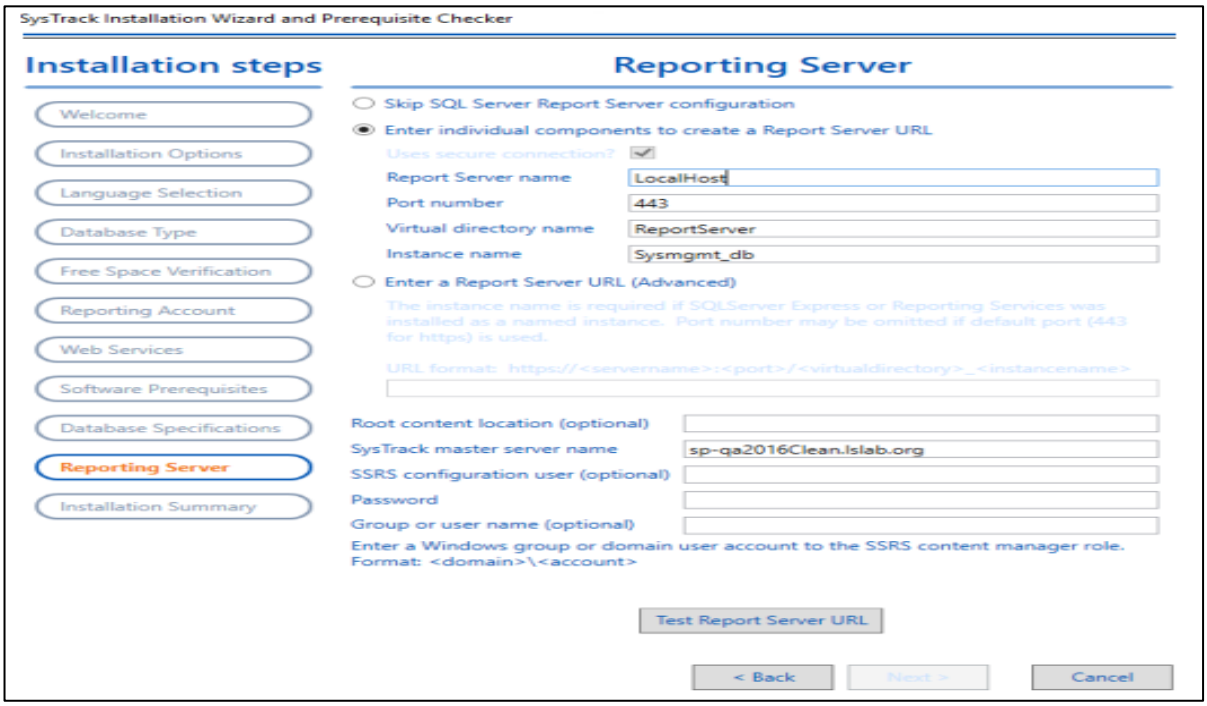
14. In **Database Specifications** tab, enter the name of our **GMSA** (Group Managed Service Account) and (make sure to include the dollar sign at the end) or **Windows Domain Account** in the **User** field. If we are using the **SQL Express** option, the fields will be pre-populated with default information 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, follow the recommendations listed in the **Description** column next to the failed items and click **Next**.



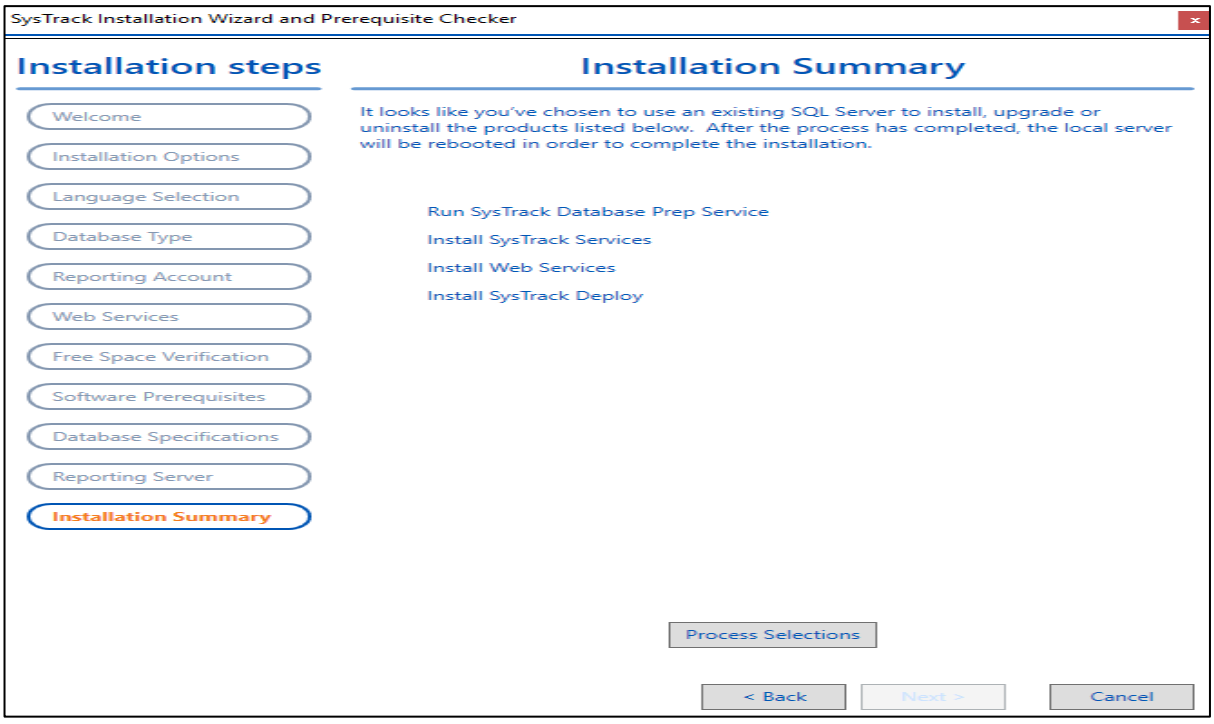

15. In **Reporting Server** tab, if we are using a SQL Report Server then we need to set up our report server and ensure that it is working correctly. So choose from one of the following:

- 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.

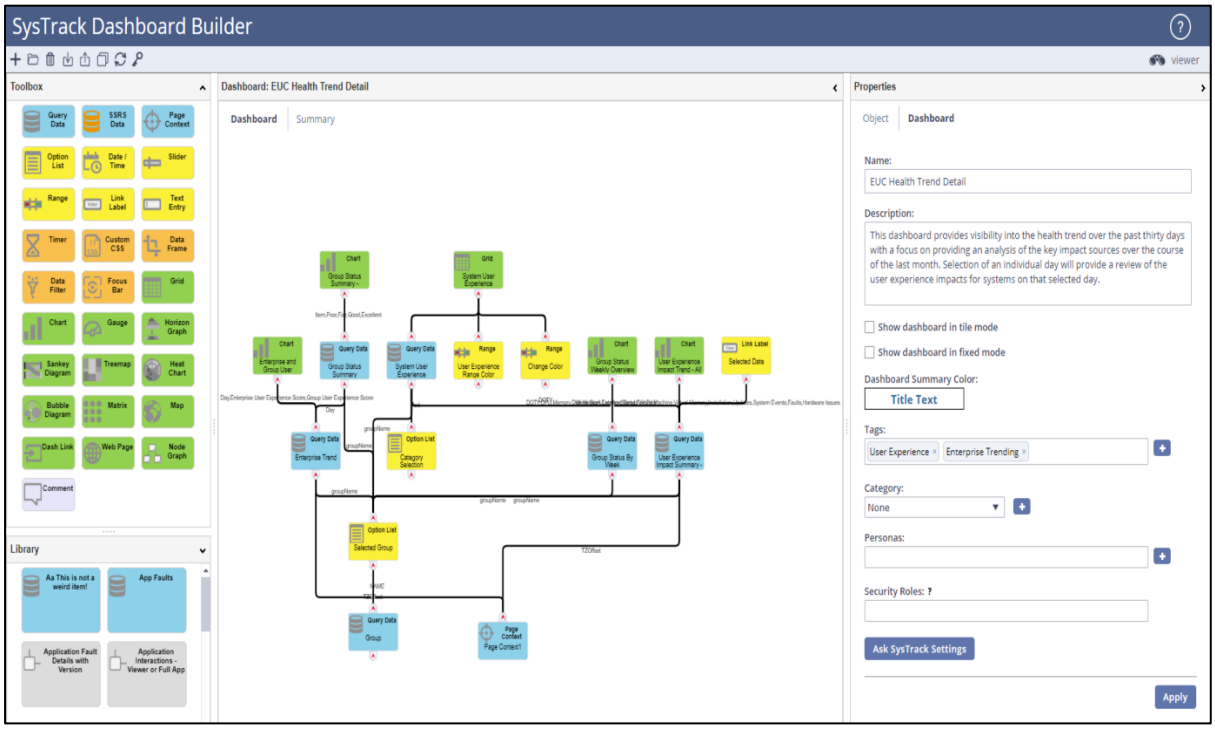


# Dashboard

**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.**

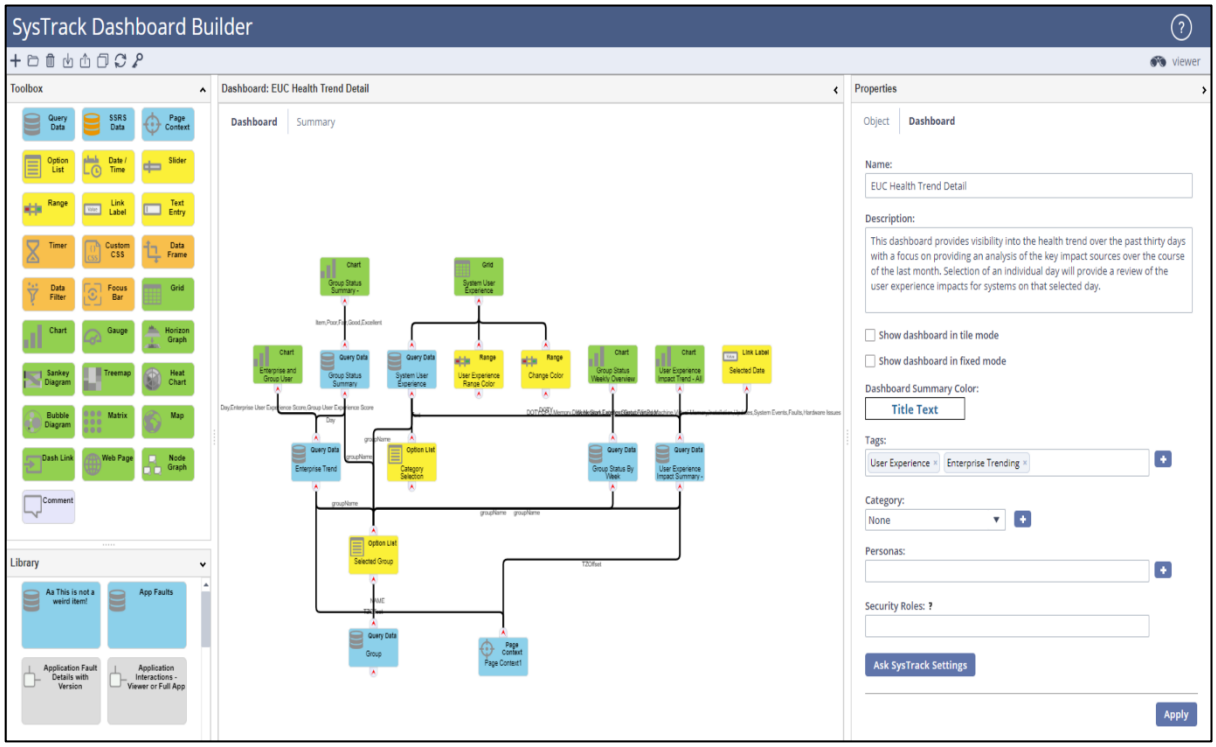

**Dashboard Builder:** Dashboards are created using the **Dashboard Builder.**



## Build SysTrack Dashboards

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

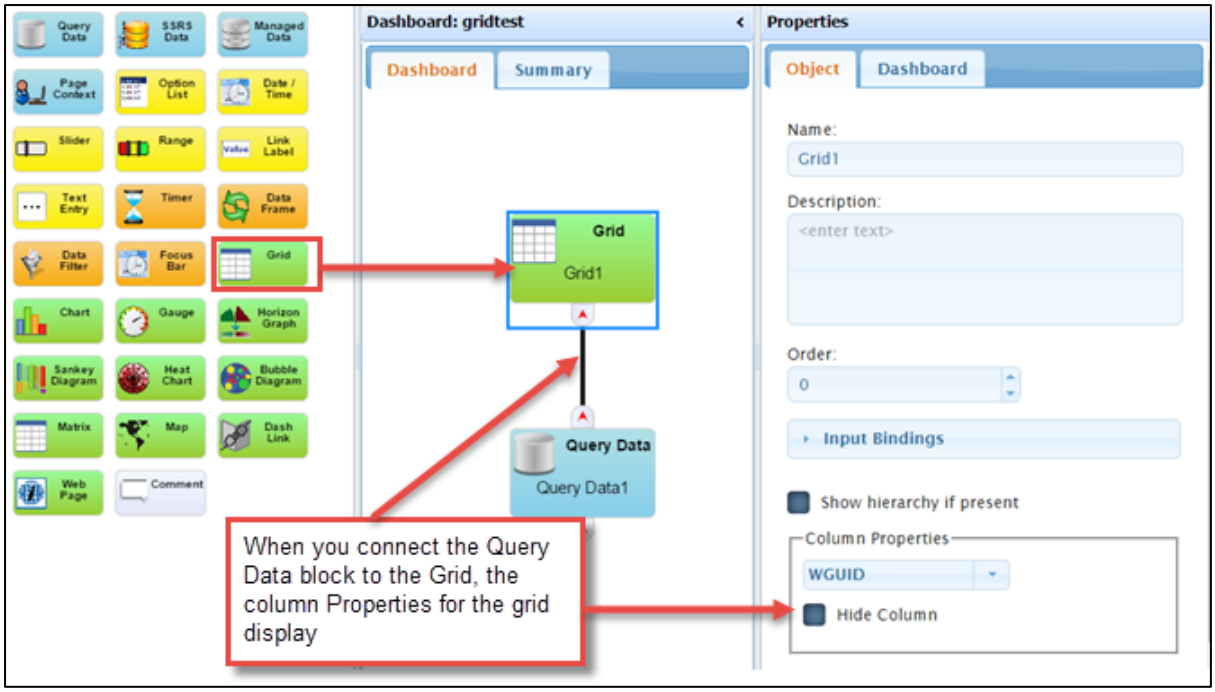
Dashboards are built by dragging data blocks and virtualization objects from the Toolbox to the workspace, defining each object's properties, and linking them to one another

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.

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.

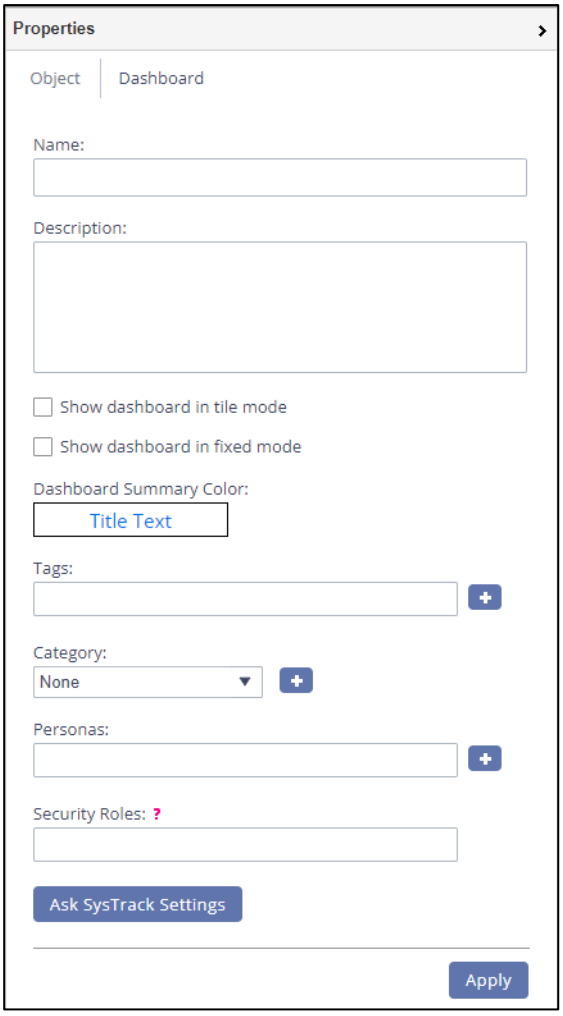
9. Optionally, select the **Dashboard** tab, then add a **Name** and **Description** and select a **Dashboard Summary Color**. The dashboard name and description will display in any link to the dashboard, such as the Dashboard Browser. The Dashboard Summary Color will be used in the Dash Link object 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.

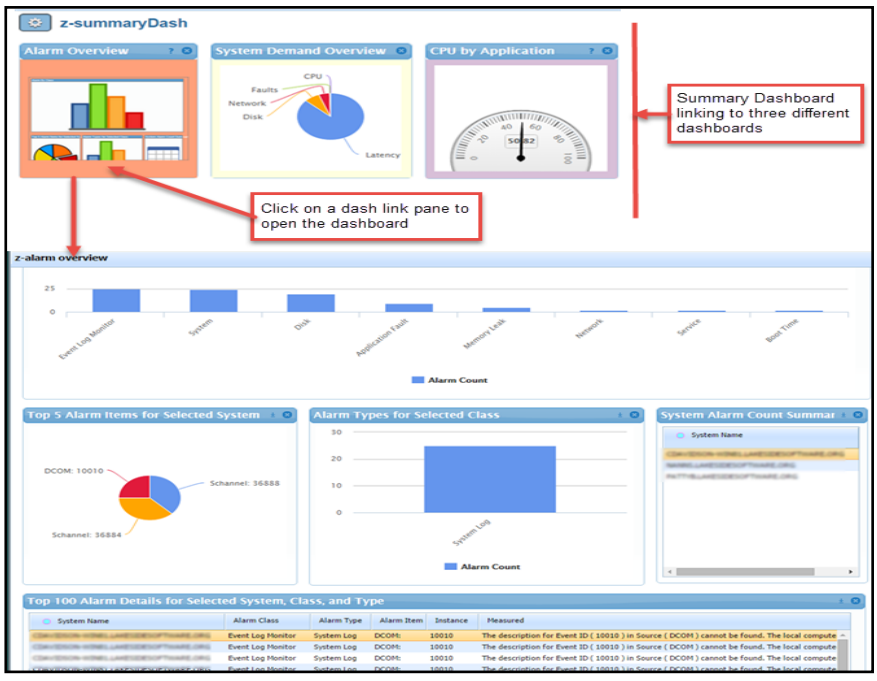
12. If you wish to **restrict access** to this Dashboard in the Dashboard Viewer select a security role (group or user) from the drop-down list in the **Security Roles** field. Leave this field blank if you wish all Dashboard Viewer users to have access to your dashboard.

13. **Preview** to see how it displays in the Dashboard Viewer



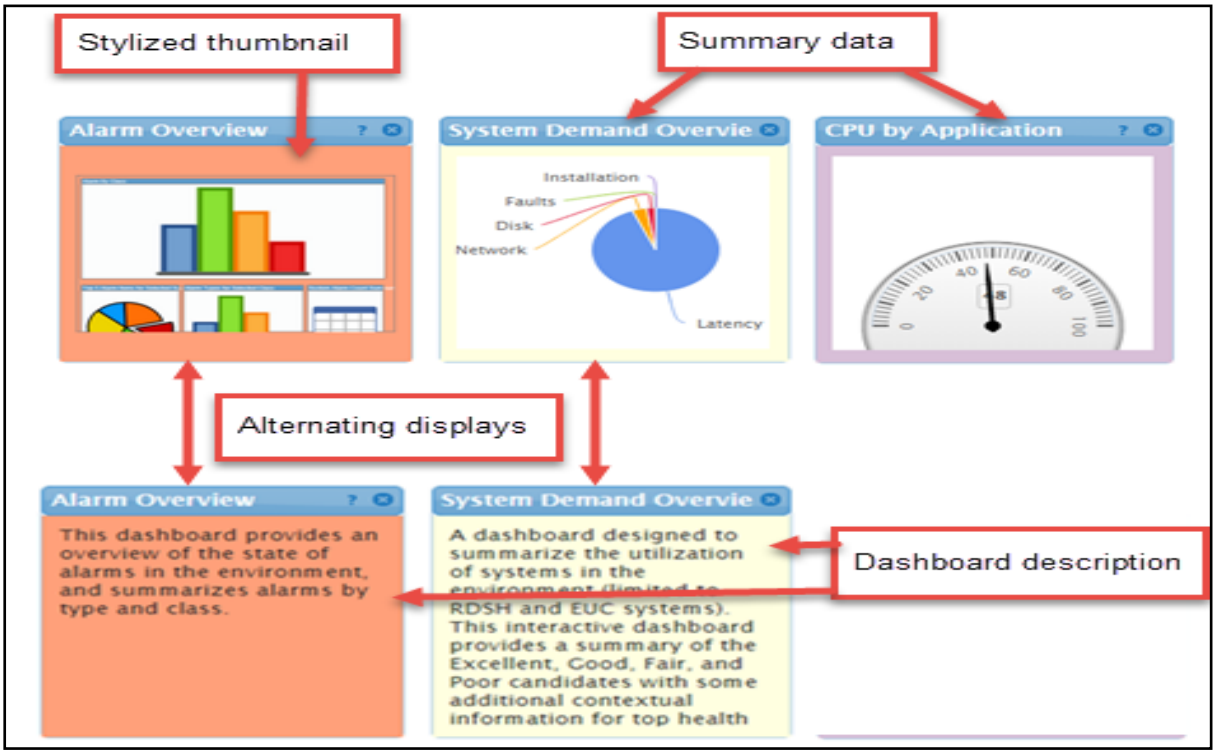

## Create a Summary Dashboard

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.



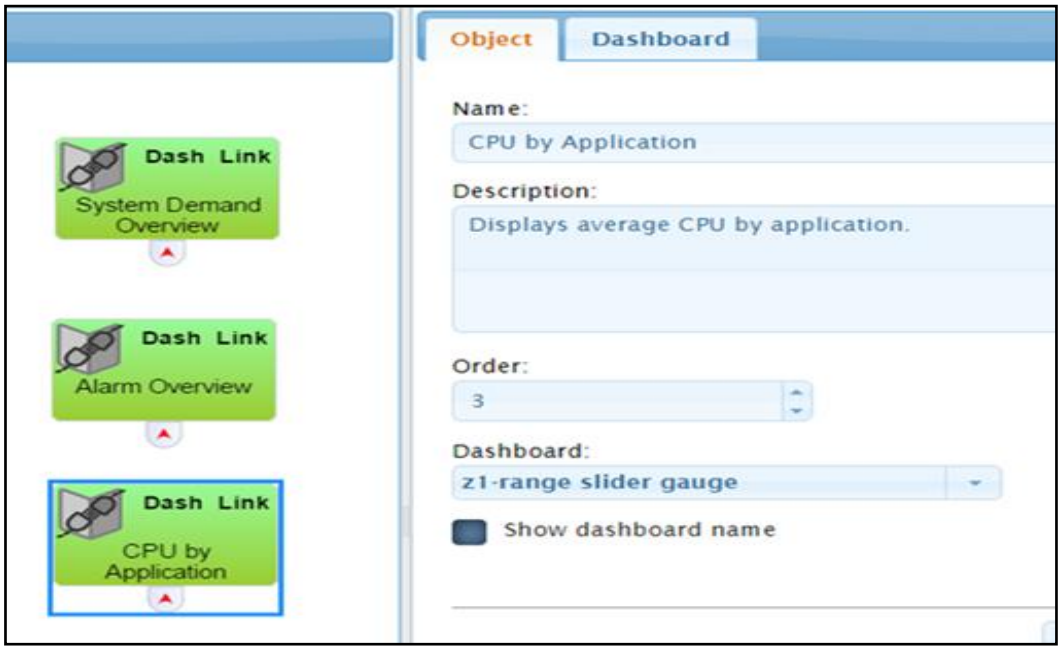
You can choose to display the following on a summary Dash Link pane:

- 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



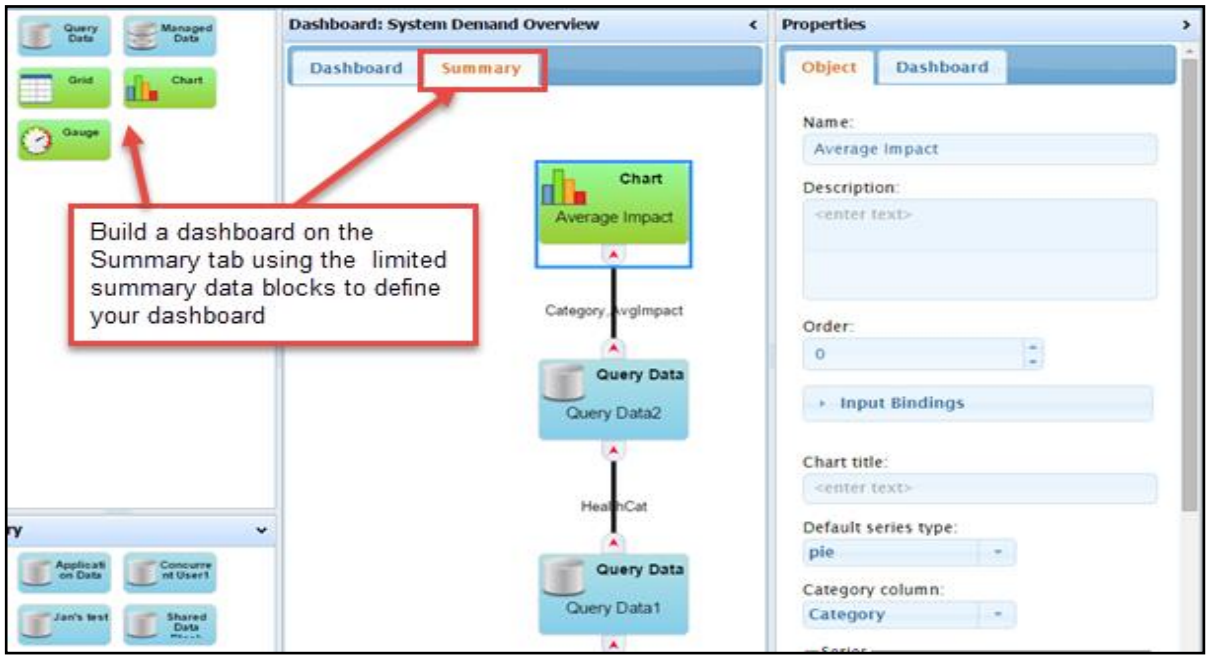

**Create a Summary Dashboard for Linked Dashboards**

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

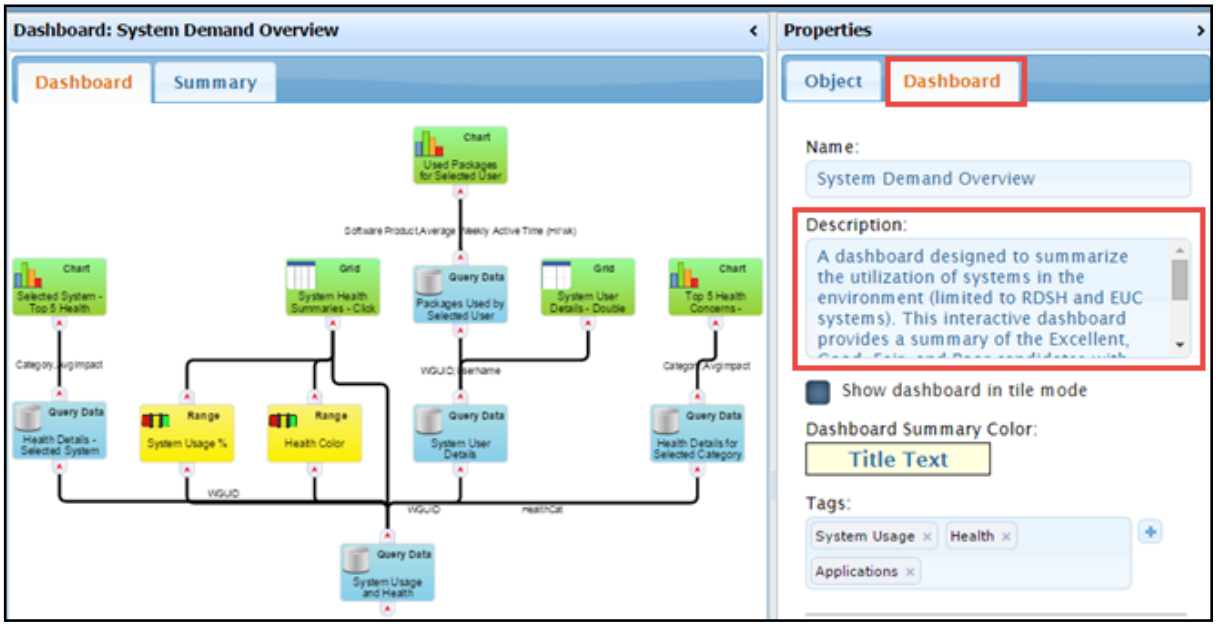


2. Optionally, display **summary data on a Dash Link pane:**

- Open the **dashboard** to which you wish to link, and click the **Summary tab**.
- Using the **Data blocks** available 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.**