**Goliath Performance Monitor Installation Guide**

This article was updated to support v12.0.1 and newer of Goliath Performance Monitor.

**Article Contents**

* [Are You Ready to Install?](https://support.goliathtechnologies.com/hc/en-us/articles/7301994950039-Goliath-Performance-Monitor-Installation-Guide#h_d00808f1-7f37-465c-83a0-5a2ef5bb85c3)
* [Goliath Performance Monitor Installation Steps](https://support.goliathtechnologies.com/hc/en-us/articles/7301994950039-Goliath-Performance-Monitor-Installation-Guide#h_4362906c-8ff1-4e07-821e-664ff7204d81)
* [Post Installation - Monitor Your Environment](https://support.goliathtechnologies.com/hc/en-us/articles/7301994950039-Goliath-Performance-Monitor-Installation-Guide#h_f8737f79-8bbf-4986-9aff-878c7e07bb6f)
* [Troubleshoot Install](https://support.goliathtechnologies.com/hc/en-us/articles/7301994950039-Goliath-Performance-Monitor-Installation-Guide#h_01G7FNWCP1SGQ3SWYP7GS3SP0M)

**Are You Ready to Install?**

Before proceeding, please ensure you have the following items available and prepared:

1. Confirm that all applicable [Prerequisites](https://support.goliathtechnologies.com/hc/en-us/articles/360024625734) have been completed
2. Goliath Performance Monitor Installation file has been downloaded
3. Your Goliath license key
   1. This should have been provided by Goliath Finance Department upon purchase.
   2. If you do not have your license key, please submit a support ticket and a member of the team will look it up and send it over to you.
4. Is the server you plan to install Goliath on able to connect to the internet?
   1. This is required in order for Node.js and Electron PDF to install properly
5. If you will be using a Full SQL Server, Local or Remote to the Goliath Server, please make sure to run the installer as an account with SQL SYS Admin rights to the SQL Server.

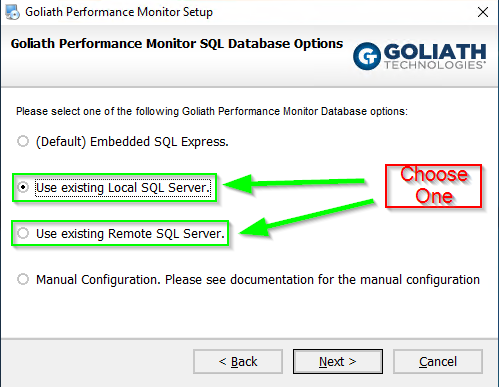
**Goliath Performance Monitor Installation Steps**

The Setup program will install the Goliath Performance Monitor (GPM) software on the system you want to be designated as the Goliath Server component. **Please note, if the Goliath database will reside on a Full SQL Server the installer must be run as an account with sysadmin rights to the SQL Server.**

1. Connect to the system you want to be designated as the Goliath Server component (RDP or Console).
2. Ensure that the Server Role "Web Server (IIS)" **is not** already installed on the system.
   1. If it is, please uninstall the role and reboot the machine prior to continuing.
3. Exit all programs.
4. To install GPM run the installer executable, **GoliathServer.exe**
   1. If you will be using Full SQL Server, please run the installer as a user account with **sysadmin rights** to the SQL Server to which you will be connecting.
   2. If you need a copy of the installer, please open a support ticket
5. The executable will start the install process and display a Welcome screen.
6. Click **Next** to view the End User License Agreement. Read the agreement and if you agree with the terms, select **I agree to the terms of this license agreement** and click **Next**. If you do not agree or do not wish to continue, select **I do not agree to the terms of this license agreement** and click **Cancel** to exit the installer.
7. Enter your product license key provided by Goliath Technologies and select **Next** to continue. For Proof of Concept & Product Evaluations, keep the default license key of **EVAL** and select **Next** to continue.
8. Please verify and or specify the **STATIC IP Address** or **DNS Name** for the Goliath Performance Monitor Server and Web Interface **Console Port**. When finished select **Next** to continue
9. Once **Next** is selected, the wizard will verify that the **Console Port** is available. If it is, Goliath Performance Monitor will then continue.
10. Select where to install the Goliath Performance Monitor program. When the appropriate location is confirmed or entered, click **Next** to continue.
    1. The default location is **C:\Program Files\MonitorIT.**
11. Next, connect Goliath to a SQL server. Click the applicable link below for your desired configuration and it will take you to the relevant section with further instructions for installation:
    * 1. [Install Using a Full SQL Server, Remote or Local](https://support.goliathtechnologies.com/hc/en-us/articles/7301994950039-Goliath-Performance-Monitor-Installation-Guide#h_01G7FN23S80S438TTWQ3YNF5M9)
      2. [Install Using Embedded SQL Server Express](https://support.goliathtechnologies.com/hc/en-us/articles/7301994950039-Goliath-Performance-Monitor-Installation-Guide#h_3cc55161-8fb4-4c0b-90c0-cc2dcbc35562)
      3. [Connect to a Full SQL Server Manually (local or remote)](https://support.goliathtechnologies.com/hc/en-us/articles/7301994950039-Goliath-Performance-Monitor-Installation-Guide#h_d4f16c38-3612-4714-aa8f-038f0041f505)

**Install Using a Full SQL Server, Remote or Local**

The next steps will create the goliath database on your SQL Server and grant the windows service account defined as a database owner. **Please note, the installer must be run as an account with sysadmin rights to the SQL Server in order to complete this operation.**

1. In order to utilize an existing SQL server, you must have entered a trial/full license key and not have used the default EVAL key.
2. Choose either **Use existing Local SQL Server** or **Use existing Remote SQL Server** depending on your SQL Server location.  
   
3. Next, define the configuration settings for the SQL Server:
   1. Enter the name of the SQL Server instance or Always On Availability Group where the database will reside.
      * Please note, if the SQL Server utilizes a listening port other than 1433, the SQL Server should be **SQL\_Server\_name:Listening,Port.** For example, SVR-SQL01,4454 or SVR-SQL01\PROD,4454.
   2. Enter the name of the Goliath Database
      * This is defaulted to either GoliathDB or MonitorIT but can be modified if desired.
   3. Windows service account, in the format of **domain\user**, that has Windows Admin rights to the Goliath Server and will be given the database role membership of db\_owner for on-going SQL connectivity.
      * Please note, if your SQL Server is local to the Goliath Server you will not be prompted for an username or password.
4. Please verify that the installation settings are correct and click **Next**.
5. During the installation process, a progress bar displays the installation progress, as seen in the figure below.  
   1. **Note:**  At some points during the installation your screen may go blank. This is a normal part of the installation process.
6. Once Goliath Performance Monitor is successfully installed the install program will display a message that the installation is complete. Click **Finish** to exit the install program.
7. For the first time running Goliath post installation, you'll need to use the desktop icon to open Goliath Performance Monitor
   1. Note, the launch may take a few minutes as additional files and services are created at the product's initial start-up
8. Now the installation is complete, please proceed to the [Post Installation - Monitor Your Environment](https://support.goliathtechnologies.com/hc/en-us/articles/7301994950039-Goliath-Performance-Monitor-Installation-Guide#h_f8737f79-8bbf-4986-9aff-878c7e07bb6f) section of this article for information on next steps.

**Install Using Embedded SQL Server Express**

The Setup program will install the Goliath Performance Monitor (GPM) software and SQL Express 2017 on the system you want to be designated as the Goliath Server component. **Please note, SQL Express is not recommended for medium/large deployments of Goliath as there is an 8-10GB data retention limitation.**

1. For Proof of Concept & Product Evaluations, please proceed to the next step. If this is a full installation with an **official license key,** you will see the following options for configuring the database settings. Choose the top option for **(Default) Embedded SQL Express.**
2. Verify the following installation settings are correct and click **Next** to proceed.
3. During the installation process, a progress bar will show the installation progress, as seen in the figure below. You will also see the installation of the SQL Express database installation take place if applicable.  
   * **Note:**  At some points during the installation your screen may go blank. This is a normal part of the installation process.
4. Once Goliath Performance Monitor and SQL Express, if applicable, are successfully installed, the install program will display a message that the installation is complete.
5. Click **Finish** to exit the install program.
6. For the first time running Goliath post installation, you'll need to use the desktop icon to launch Goliath Performance Monitor
   * Note, the launch may take a few minutes as additional files and services are created at the product's initial start-up
7. Now the installation is complete, please proceed to the [Post Installation - Monitor Your Environment](https://support.goliathtechnologies.com/hc/en-us/articles/7301994950039-Goliath-Performance-Monitor-Installation-Guide#h_f8737f79-8bbf-4986-9aff-878c7e07bb6f) section of this article for information on next steps.

**Post Installation - Monitor Your Environment**

Now that Goliath Performance Monitor is installed, you’ll want to configure the Inventory Filter before bringing in machines you want to monitor. Please see the appropriate section below for configuring the inventory filter. Failure to setup the Inventory Filter will result in negative user experience. For more details, please review the information at the link below.

**Inventory Filter**

* [Configure Inventory Filtering](https://support.goliathtechnologies.com/hc/en-us/articles/360024550894-Configure-Inventory-Filtering)

Next you can configure hypervisor monitoring, if desired. If you do not want to monitor the hypervisor, you can skip the "Hypervisor Monitoring" section.

**Hypervisor Monitoring**

* [VMware vSphere](https://support.goliathtechnologies.com/hc/en-us/articles/360024629034)
* [Citrix XenServer](https://support.goliathtechnologies.com/hc/en-us/articles/360024645174)
* [Microsoft Hyper-V](https://support.goliathtechnologies.com/hc/en-us/articles/360024132554)

**Application & Desktop Virtualization Monitoring**

* [Citrix Virtual Apps & Desktops](https://support.goliathtechnologies.com/hc/en-us/articles/360024281173)
* [Citrix Cloud](https://support.goliathtechnologies.com/hc/en-us/articles/360063881973)
* [VMware Horizon](https://support.goliathtechnologies.com/hc/en-us/articles/360024776253)

**Healthcare Monitoring**

* [Epic System Pulse](https://support.goliathtechnologies.com/hc/en-us/articles/360024294433)

**Need Assistance Troubleshooting Your Install?**

If you encountered an error during your installation, please review the following articles for troubleshooting steps. For further assistance, please open a support ticket.

* [Database Not Being Created When Running the Goliath Performance Monitor Installer](https://support.goliathtechnologies.com/hc/en-us/articles/7167217460759-Database-Not-Being-Created-When-Running-the-Goliath-Performance-Monitor-Installer)
* [Installation Error - SQL Express Doesn't Install](https://support.goliathtechnologies.com/hc/en-us/articles/360052318694-Installation-Error-SQL-Express-Doesn-t-Install)
* [Goliath Web Page Not Loading](https://support.goliathtechnologies.com/hc/en-us/articles/360018214813-Goliath-Web-Page-Not-Loading)
* [Goliath POC Installation SQL Express in Non-English Versions of Windows](https://support.goliathtechnologies.com/hc/en-us/articles/360022410333-Goliath-POC-Installation-SQL-Express-in-Non-English-Versions-of-Windows)