Follow these instructions to install Matrix 8. Before beginning the installation process, verify the computer on which the program will be installed meets the minimum requirements to run Matrix 8. Visit our website (http://gemvision.com/support/matrix/system_requirements.html) to view the most up-to-date system requirements required to run Matrix 8.

- A computer which meets the Matrix 8 system requirements
- Matrix 8 Install Disc
- Rhino serial code
- Matrix 8 USD Dongle key

Windows 8 Instructions

1 Verifying the Operating System

An Operating System (OS) is a program designed to run other programs on a computer, e.g. Microsoft Windows. Your first step of Matrix installation is determined by which operating system is installed on your computer.

Matrix 8 is supported in Windows 7-64 bit and Windows 8-64 bit only. Windows 32-bit is not supported.

To verify the computer’s OS follow these steps:

1. From the Windows 8 Application-Start screen type winver.

2. Left-click on the Winver box on the left.
In order to install Matrix 8, the current User Profile must be set to the Administrator level. To check and see if you have administrator rights, please do the following:

1. From the Windows 8 Application-Start screen type **computer**.
2. Right-click the **Computer** button.
3. Click on **Manage** at the bottom of the screen.

*Windows 8.1*
2. From the Windows 8 Application-Start screen type computer.
3. Right-click on This PC and choose Manage.
4. Left-click the arrow to the left of **Local Users and Groups**

5. Left-click the **Groups** folder

6. From the list at right, Double-click the **Administrators** item.

In the **Administrative Group** above you will see two Matrix Users; **Matrix User**, and **GEMVISION\Matrix User**. When you see just the user account (i.e.: **Matrix User**) in the list, it means that this User Account is part of the Administrative group on this computer, and has full access to everything. When you see a user account with other information prefacing it, (i.e.: **GEMVISION\Matrix User**) this is called a **Domain**. A Domain is a Group of users connected to the same Local Network that share a common set of resources such as Server Drives, Printers, Etc. If you are not part of a Domain, that is perfectly fine. As long as you see your User Account is in the list of Administrators above, you have confirmed that you are using an Administrative account and can continue with the installation process. If necessary, check with your IT person for verification

**3 User Account Control**

User Account Control (UAC) must be turned off to run Matrix 8.

Turning UAC off:

1. From the Windows 8 Application-Start screen type **settings**.

2. Click on **Settings** below the Search box. In the Search box type **user account control**. Press Enter on your keyboard.
3. Left-click on **Change User Account Control Settings**. This will display the UAC settings window. By default, Windows 8 is set to “Notify only when computers try to make changes to your computer.”

4. To turn off UAC, move the slider down to Never Notify and then click **OK**. You will be prompted by Windows to allow or disallow this change to Windows. After clicking allow, you will need to restart Windows for this change to take effect - **even if Windows does not prompt you to do so**!

**NOTE:** Turning off UAC in Windows 8 Professional will not fully allow programs to **Run as Administrator**.

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### DPI Settings

In order for the menus and the text on those menus to display correctly in Matrix, the DPI settings (how many pixels are used to display the images on your monitor) must be set correctly. Please follow these instructions to set your DPI to the correct settings.

Windows 8 defaults to Smaller-100%. No adjustment is needed for Windows 8 DPI settings. To verify your settings right-click on your desktop and choose “Personalize.” Then, choose “Display.” For multiple displays check the box, “Let me choose one scaling level.........” Now, the size of your display is clearly visible.
5 Matrix 8 Installation DVD

Place the Matrix 8 Installation DVD into the DVD drive. If your computer is programmed to auto launch DVD’s, installation menu will automatically appear on the screen. You might also get a window asking if you wish to run the autorun.exe file. Click the link to run the file.

1. Click or tap the notice, **CD Drive (D) Matrix 8.0**
2. Choose Install Matrix 8.0

Otherwise, from the Start menu, choose Computer and locate your DVD drive to manually launch the DVD.

6 Installation

The Operating Systems (OS) listed below are supported. Matrix 8 64-bit also is supported on Windows Operating Systems in German, Italian, French and Spanish. Matrix 8 is not supported on any Windows 32-bit OS.

Windows 8 64-bit:

1. Install Rhinoceros 5 SR 9, 64-bit.

   **NOTE:** You must set Rhino to run as an Administrator BEFORE you open Rhinoceros. See instructions in Item 7 below.

2. OPEN Rhino 5 once to Validate your Rhino 5 License. ***You must OPEN RHINO 5 alone first to register the Plug-Ins properly. Open Rhino 5. Then, close Rhino 5. DO NOT SKIP THIS STEP***

3. Install Matrix 8, 64-bit.

   **NOTE:** You must set Matrix to run as an Administrator BEFORE you open Matrix. See instructions in Item 7 below.
NOTE: Trouble-shooting help is found in Item 9 below.

7 Run as Administrator

Matrix

1. Right-click on the Matrix 8 short cut icon on your desktop and choose Properties.
2. Click on Advanced towards the bottom right.
3. Check the box Run as Administrator. Click on Apply and OK.

Rhinoceros

1. Right-click on the Rhino 5 short cut icon on your desktop and choose Properties.
2. Click on Advanced towards the bottom right.
3. Check the box Run as Administrator. Click on Apply and OK.

8 Auto Updates

Matrix Updates

Service releases and small updates to Matrix occur occasionally. When an update is available and your computer is connected to the internet, you will receive an update announcement upon launch of the software. Choose to complete the update to stay current with Matrix.

Or, you can use the Matrix Updater program found in your System Tray that runs after you launch Matrix. Left-click the arrow for access additional programs if not seen. Then, left-click on the Matrix 8 icon. A menu will open with the available update options to install an update or check for updates.
Rhino Updates

Notice of Rhino Updates: Gemvision tests and approves any Rhino Service Releases for compatibility with Matrix. Gemvision will post on the forum when it is okay to install Rhino updates.

Trouble-shooting Matrix Start-Up

Microsoft DotNet Frameworks Requirement

MS DotNet Frameworks 4.5.1 is required for Matrix Start Up to run. Go to your Control Panel for the list of Programs on your computer to verify the version of MS DotNet Frameworks installed on your computer.

Windows 8 users can verify the DotNet version by clicking on “Turn Windows Features on or off.” A features list will open displaying any DotNet Frameworks versions that are available. The box next to this feature must be selected.

Installing MS DotNet Frameworks 4.5.1

The install of MS DotNet can be found in the contents of the Install Disc if needed. Just choose to “Open” the install disc from the Computer screen. Open the folder named “Installer Assets.” There are three folders: Rhino, Matrix and Prerequisites. Choose the Prerequisites folder to open and install DotNet named, “NDP451......”

Windows Updates are up-to-date

Some users may experience Matrix not opening or starting if Windows Updates are out of date and not current. Go to Windows Updates on your Programs list and check for any outstanding recommended Windows Updates to install.