

Product Documentation (08-17-2021)

System Requirements: pCon.planner PRO Plugin VR-Viewer

Suggested Requirements

Processor:	Multi Core – processor (class ~4 GHz, e.g. 7700K, 8700K, 9700K)
System memory:	32 GB or more
Available disc space:	1 GB (SSD) or more
Graphics board:	NVIDIA, 8 GB (e.g. RTX 2080), Hardware OpenGL 4.5
Screen resolution:	1920 x 1080 pixels
Video output:	DisplayPort / HDMI 1.4 or newer
USB port:	USB 3.0 or higher
Bluetooth:	Version 5 or higher
Software:	pCon.planner PRO Version 8.5 Update 1, pCon.planner PRO VR-Viewer Version 3.4, Latest version of SteamVR (please see page 2)

Minimum Requirements

Processor:	Multi Core – processor (class ~3 GHz)
System memory:	16 GB
Available disc space:	1 GB
Graphics board:	NVIDIA, 8 GB (e.g. RTX 2070), Hardware OpenGL 3.3
Screen resolution:	1920 x 1080 pixels
Video output:	DisplayPort / HDMI 1.4
USB port:	USB 3.0
Bluetooth:	Version 5 or higher
Software:	pCon.planner PRO Version 8.5 Update 1, pCon.planner PRO VR-Viewer Version 3.4, Latest version of SteamVR (please see page 2)

Supported Operating Systems

MS Windows 10 (64 bit)

If you want to use the „powerwall“ function, you need an additional display with a minimum screen resolution of 1920 x 1080 pixels. This screen needs to be connected to the applied system. Then you have the ability to activate the powerwall by using the feature „Extend the display“ in Windows and show it on the second display. Furthermore up to three suitable graphical devices are necessary.

Please consider the specifications of the displays and VR glasses regarding the ports of the graphics cards.

Legal Remark

From version "3.0" of the pCon.planner PRO plugin VR-Viewer you can use the following devices:

- HTC VIVE
- HTC VIVE Pro
- HTC VIVE Pro Wireless Solution
- HTC VIVE Cosmos
- Oculus Rift S
- HP Windows Mixed Reality

The headsets run with software of a third-party provider. We have no influence on the creation of this software, that's why we accept no liability. The change of the software by the third-party provider may lead to a dysfunctionality of our plugin.

Installation of SteamVR for Different HMDs (Head-Mounted Display)

Latest Version of SteamVR: 1.18.7

Before using the headset please read the following instructions:

1. HTC VIVE, VIVE Pro

Only the installation of SteamVR needs to be done to use one of these HMDs. With the enterprise version you get access to SteamVR offline installer. This software will not be updated automatically. So you can use your headset without using Steam online. We recommend this option.

2. HTC VIVE Pro Wireless

In addition to the installation for the VIVE or VIVE PRO you have to install the driver for the wireless part to connect the HMB with VR-Viewer.

3. HTC VIVE Cosmos

The Cosmos installer has to be completed before using VIVE Cosmos. This also includes the installation of SteamVR. After a successful installation simply uninstall the private part of SteamVR and install 'SteamVR Enterprise'. Please do not update the Cosmos software afterwards. Otherwise a new installation has to be done.

4. Oculus Rift S

The use of Oculus headsets is based on the installation of the Oculus software as well as SteamVR. It does not matter, if you choose the private version of SteamVR or ‚SteamVR Enterprise‘.

5. Windows Mixed Reality

In addition to the installation of SteamVR you have to install ‚SteamVR for Windows Mixed Reality‘. The download is available on the Steam website. Please do the following:

1. Install the private version of SteamVR.
2. Install ‚SteamVR for WMR‘.
3. Uninstall the private version of SteamVR.
4. Install ‚SteamVR Enterprise‘.

Please find further information for the installation of your headset in the documentary “pCon.planner PRO VR-Viewer”.