



# **MagiCAD version 2022**

## **Operating Environment and Compatibility**

### **MagiCAD for Revit and AutoCAD**

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## MagiCAD for AutoCAD

MagiCAD 2022 for AutoCAD is developed by MagiCAD Group

- MagiCAD for AutoCAD is sold as the following modules:  
Ventilation, Piping, Electrical, Sprinkler Designer, Schematics, Circuit Designer, Room
- Both stand-alone and network license options are available
- 64-bit installation

MagiCAD 2022 for AutoCAD operates on Windows 10, Windows 8, and Windows 7 operating systems.

MagiCAD for AutoCAD runs on AutoCAD software which is developed by Autodesk, Inc.

MagiCAD 2022 for AutoCAD requires a 64-bit AutoCAD version 2017-2022, or the corresponding software (for example, AutoCAD Architecture or AutoCAD MEP).

**Note:** MagiCAD for AutoCAD is not compatible with the Autodesk AutoCAD Learner Training (LT) platform. The Application Programming Interface (API) enabling 3<sup>rd</sup> Party API add-ins such as MagiCAD, is not featured in Autodesk LT products.

The system requirements for MagiCAD for AutoCAD are the same system requirements as those stated for the 64-bit AutoCAD version that MagiCAD for AutoCAD is compatible with and will be installed onto. The MagiCAD installation requires at least 1 GB of free disk space.

MagiCAD 2022 for AutoCAD is backward compatible down to MagiCAD version 2014.11 for AutoCAD.

MagiCAD 2022 for AutoCAD successfully opens project files and drawings created with MagiCAD versions 2014.4 or older. However, once the project files and drawings are saved with MagiCAD version 2022 for AutoCAD, the project files and drawings will no longer be compatible with MagiCAD versions 2014.4 or older.

Citrix compatibility: With Network License option, MagiCAD 2022 modules for AutoCAD are compatible with the Citrix XenApp 7.6 virtual platform.

## Riuska

Riuska is developed by Granlund Oy

- Riuska is sold together with MagiCAD Room as MagiCAD Comfort & Energy by MagiCAD Group or its authorised reseller
- Both stand-alone and network license options are available
- Only a 32-bit installation file is available

Riuska operates on Windows 10, Windows 8, and Windows 7 operating systems.

Riuska creates report outputs in the Microsoft Excel format. Microsoft Excel should be purchased separately and is required to read the report outputs.

## MagiCAD for Revit

**Note:** If the computer has an existing installation of the Schneider Electric Ecodial plugin for AutoCAD, and MagiCAD Electrical for Revit is then installed on the computer, the Schneider Electric electrical calculation component included in the MagiCAD Electrical for Revit installation package will override the calculation engine of the Ecodial plugin for AutoCAD. As a result, the Ecodial Plugin for AutoCAD may not function anymore.

MagiCAD 2022 for Revit is developed by MagiCAD Group.

- MagiCAD for Revit is sold as the following modules:  
Ventilation, Piping, Electrical, Sprinkler Designer, Schematics, and Supports & Hangers
- Both stand-alone and network license options are available
- 64-bit installation

MagiCAD 2022 for Revit operates on Windows 10, Windows 8, and Windows 7 operating systems.

MagiCAD for Revit runs on Revit software which is developed by Autodesk, Inc.

MagiCAD 2022 for Revit 2022 requires a 64-bit version of Revit 2022.

MagiCAD 2022 for Revit 2021 requires a 64-bit version of Revit 2021.

MagiCAD 2022 for Revit 2020 requires a 64-bit version of Revit 2020.

MagiCAD 2022 for Revit 2019 requires a 64-bit version of Revit 2019.

MagiCAD 2022 for Revit 2018 requires a 64-bit version of Revit 2018.

**Note:** MagiCAD for Revit is not compatible with the Autodesk Revit Learner Training (LT) platform. The Application Programming Interface (API) enabling 3<sup>rd</sup> Party API add-ins such as MagiCAD, is not featured in Autodesk LT products.

MagiCAD for Revit requires an Internet connection. Accessing the product database with MagiCAD for Revit requires an Internet connection because the product database is available online. While we aim to keep the product database available at all times, there may be occasional limitations to its availability such as maintenance-related service breaks.

The system requirements for MagiCAD for Revit are the same system requirements as those stated for the 64-bit Revit version that MagiCAD for Revit is compatible with and will be installed onto. The MagiCAD installation requires at least 1.5 GB of free disk space.

Citrix compatibility: With Network License option, MagiCAD 2022 modules for Revit are compatible with the Citrix XenApp 7.6 virtual platform.

## Licensing

MagiCAD for AutoCAD and Revit has the following license alternatives:

- Stand-alone licenses (SLM), which are activated on the workstation
- Network licenses (NLM), which are activated on a network server
  - Single server model, in which all licenses are activated on one server
  - Distributed license model

Accessing the licensing server requires an Internet connection. There may be occasional limitations to its availability such as maintenance-related service breaks.

## Compatibility:

Standalone licenses of MagiCAD 2022 are compatible down to MagiCAD version 2009.11.

Network licenses of MagiCAD 2022 are compatible as follows:

- MagiCAD versions 2006.11 to version 2022
- MagiCAD network licenses are compatible with the Citrix XenApp 7.6 virtual platform
- Please note that if you are using MagiCAD versions older than 2009.11, it is not possible to borrow licenses.

## System Requirements in Network use

**Note!** When installing version 2020 or later of MagiCAD, it is mandatory to update the license server to version 19.05 or later.

- The MagiCAD network license software requires 64-bit Windows Server 2012, 2012 R2, 2016 or 2019 operating system on the server.
- The TCP/IP protocol is required in network licensing.
- If the operating system on the file distribution server in the Windows network is Novell, Linux or equivalent, the developer of the application cannot be held responsible for the functionality of the application.

## Overview of Version Compatibility

### AUTOCAD

	32-bit	64-bit	64-bit	64-bit	64-bit	64-bit	64-bit	64-bit
MagiCAD version =>	2016.4	2016.4	2016.11	2018	2019	2020	2021	2022
AutoCAD / ACA 2022 (R24.1)								X
AutoCAD / ACA 2021 (R24)							X	X
AutoCAD / ACA 2020 (R23.1)						X	X	X
AutoCAD / ACA 2019 (R23)					X	X	X	X
AutoCAD / ACA 2018 (R22)				X	X	X	X	X
AutoCAD / ACA 2017 (R21)	X	X	X	X	X	X	X	X
AutoCAD / ACA 2016 (R20)	X	X	X	X	X	X		
AutoCAD / ACA 2015 (R20)	X	X	X	X	X			
AutoCAD / ACA 2014 (R19)	X	X	X					
AutoCAD / ACA 2013 (R19)	X	X	X					

Windows 7	X	X	X	X	X	X	X	X
Windows 8	X	X	X	X	X	X	X	X
Windows 10		X	X	X	X	X	X	X

### REVIT

	32-bit	64-bit	64-bit	64-bit	64-bit	64-bit	64-bit	64-bit
MagiCAD version =>	2016.4	2016.4	2016.11	2018	2019	2020	2021	2022
Revit 2022								X
Revit 2021							X	X
Revit 2020						X	X	X
Revit 2019					X	X	X	X
Revit 2018				X	X	X	X	X
Revit 2017		X	X	X	X			
Revit 2016		X	X					

Windows 7		X	X	X	X	X	X	X
Windows 8		X	X	X	X	X	X	X
Windows 10		X **)	X **)	X	X	X	X	X

\*\* ) Requires Autodesk Revit 2017 or newer version