

TECHNICAL REQUIREMENTS

Graphic engine requirements

3cad evolution uses a 3D graphic engine designed for speed and performance.

To achieve these targets, the engine is heavily dependent on the characteristics of the new generation graphic cards.

There is an enormous difference in

terms of performance between a good quality graphic card and a second-rate one, this can dramatically affect speed, design quality, overall quality and printing speed (which depends on the graphic card) and graphic effects.

It is quite simple to replace the graphic card of a PC with a more suitable one, with minimum expense, but unfortunately this is not possible with laptops.

SOFTWARE E HARDWARE REQUIREMENTS

3cad pro has been design to work on PCs with Microsoft Windows.

The Windows versions supported are: Windows 8.1, Windows 10.

3cadevolution requires the installation of a SQL Server database.

For this reason the free versions (MSDE and SQL Express)and the 2008, 2012 and 2014 professional versions of the Microsoft SQL Server (MSSQL) are supported.

Since the access to the database is linked to the specifications of the MSSQL, especially for the intense use of the TRANSACT-SQL, it is not possible to use a database which is not Microsoft such as MySQL or Oracle, because they are not compatible with TRANSACT-SQL.

An existing session of MSSQL can not be used unless it has been installed as case sensitive, in this case it is necessary to install a new MSSQL session. However it is recommendable to have a MSSQL session for 3cad evolution usage and not mixing it with other company EPR databases. However it is possible to link 3cad evolution company database to other company databases, whether they operate in the MSSQL environment or not.

Minimum configuration:

- Operating system: Windows 8.1 (64bit);
- Processor: Intel® Core™ i3;
- RAM Memory: 4 GB;
- Supported video cards: Intel, Nvidia, AMD 1 GB memory, compatibile with shader 3.0nVidia quadro not supported);
- HDD: standard.

Recommended configuration:

- Operating system: Windows 10 (64bit);
- Processor: Intel® Core™ i5;
- RAM Memory: 8 GB;
- Supported video cards: Intel, Nvidia, AMD 4 GB memorynVidia quadro not supported);
- HDD: SSD 128/256.

Optimal configuration:

- Operating system: Windows 10 (64bit);
- Processor: Intel® Core™ i7;
- RAM Memory: 16 GB;
- Supported video cards: Intel, Nvidia, AMD 6/8 GB memorynVidia quadro not supported);
- HDD: SSD 512 or Raid.