

Clear

Clear Cross

System Requirements

The following are system requirements that **must be met** to install Clear Cross:

- Database Server – Microsoft SQL Server 2012 or later (see SQL Server Editions section for more information) running on Windows Server 2012 or later
- Traditional Client* (i.e. Thick/Rich client) - Windows 10 or later
- Thin Client ** Application Server – Windows Server 2012 or later
- Microsoft Office 2013 or later
- Screen resolution 1024 x 768 (at 96 DPI, at a higher DPI the minimum resolution is higher)
- Microsoft .NET 4.6.1 or later

SQL Server Editions

Clear Cross will work with SQL Server Express, Standard and Enterprise Editions.

If you are using automated imports or exports to your CRM or Finance system you would need SQL Server Standard Edition or SQL Server Enterprise Edition, as SQL Agent is occasionally used to run these overnight jobs.

SQL Server Standard and Enterprise Editions require additional server and CAL licences.

SQL Server Express Edition is a free edition of Microsoft SQL Server with some limitations.

Please contact Clear for further information about which edition is best for you or for any other questions you may have regarding system requirements.

Microsoft SQL version	Clear Cross
2008 R2 and earlier	✘
2012	✓
2014	✓
2016 ★	✓
2017 ★	✓
2019	TBC

Microsoft Office version	Windows 10
2010 and earlier	✘
2013	✓
2016 ★	✓
2019	TBC
Office 365 ★	✓

Windows 8.1 and earlier are not supported
Office 365 requires the Microsoft Office Desktop applications (not Office Web applications)

*A traditional client is a networked computer with most resources installed locally. Most PC's are traditional clients.

**A thin client is a networked computer with few locally stored programs and a heavy dependence on network resources such as Citrix.

★Recommended solutions

SQL server requirements

The Clear Cross software has the following minimum requirements:

- Windows Server 2008 R2 or later
- Microsoft SQL Server 2012
- 8GB Ram
- 160Gb Hard disk

Your IT department would be responsible for ensuring the database is backed up.

Please note the above does not include storage requirements for document files created by or imported into Clear Cross which should be stored on a file share. The above does not also include storage requirements for database backups.

Web server requirements

The Clear Cross software has the following minimum requirements:

- Windows Server 2008 R2 or later
- IIS Enabled
- 8GB Ram

The web server needs to be accessible from the Android phones. It also needs to be able to connect to the SQL server.

Hard disk – Generally we suggest using the recommended requirements as per the Microsoft website for the version of the Windows OS that you plan to install.

Client requirements

As well as setting the server up, the following IT infrastructure and links would be required:

- Microsoft based PC's to install OfficeCross on
- Android phones to install PocketCross on
- The OfficeCross PC's need to be able to access the SQL server.
- If access to an online PAF system is required, access to this will also be required.
- Each PC would require Microsoft .NET 4.6.1 or later
- SQL Native Client & Crystal reports runtime need to be installed on each client accessing OfficeCross. Clear will provide the installation files.

PocketCross requirements

- PocketCross is an Android application that is designed to work on all phones using Android versions 5.0 (Lollipop) to 10.
- As newer versions of Android are released, PocketCross will be tested on them. The application has been optimised to run on the larger screens of modern smartphones with a screen resolution of 480x800 or greater.

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