



PETra

Target Platform

Considerations

The requirements specification details the initial requirements for the target platform i.e. the user's choice of system and interface.

PETra is a 32-bit Windows application. The supported operating systems are:

- Windows 7
- Windows 8/8.1
- Windows 10
- Windows 11
- Windows Server 2012
- Windows Server 2016
- Windows Server 2019
- Windows Server 2022

The minimum hardware requirements are:

Component	Minimum Specification
Processor	Intel Core i5
Storage	10 GB of free space for installation and data (7200 RPM)
Memory	4 GB RAM
Network	100 Mbps
Display	SVGA at 1024 x 768

For improved response times, usability and for use with more complicated instrumentation, we recommend the following specification:

Component	Recommended Specification
Processor	Intel Quad Core i7
OS	Windows 10
Storage	20 GB of free space for installation and data (SSD)
Memory	8 GB RAM
Network	1 Gbps
Display	SVGA 1280 x 800

PETra requires a database to connect to for purposes of storing product methods, batch data, security access and report templates, etc. PETra is compatible with Microsoft SQL Server 2012, 2014, 2016, 2017 and 2019.

Recommended database server requirements for up to 5 instances of PETra:

Component	Recommended Specification
Processor	Intel Xeon
OS	Windows Server 2019 or later
Storage	20 GB of free space for installation and data
Memory	8 GB RAM
Network	1 Gbps
Database	SQL Server 2019 Express

In order to connect to the Microsoft SQL database a suitable connection must be made. PETra will connect to the database via the Microsoft SQL Native Client.

Initial database size 25 Mb growing to 2 Gb per year (typical customer profile).

Minimum versions of these are:

Software Component	Minimum Version
MS SQL Native Client	10.50 or later

For the creation of temporary files (e.g. during print preview), 100 MB of free disk space is required by PETra.

Memory usage by PETra is estimated to be 100-200 MB.