Recommended System Requirements for Xacta® 360 / 1.6.3

The following specifications are what Telos® recommends for optimal performance of the application. Additionally, Telos® recommends multi-CPU servers and additional RAM.

Client Specifications

MS Office	MS Office 2010, 2013, 2016 [3]
PDF	Adobe Acrobat Reader 8.0 or higher [3]
Browser	Internet Explorer 11[7], Firefox (current version), Google Chrome (current version) or MS Edge 38.x (TLS 1.0 / 1.2 and JavaScript enabled)

Xacta 360 can be scaled from single user workstations, organizational networks, all the way up to enterprise implementation. The Xacta 360 technologies are database driven web applications.[1]

Deployment Options	Application Server	Database Server	Publishing Server
Standard Network • Recommended for small to medium-sized enterprises or regional installations that are part of a larger distributed installation. • Recommended configuration for a standard network deployment consists of two server-class machines: an application server and a database/publishing server	Dual core processors (2.6 GHZ processors) or faster	Dual core processors (2.6 GHZ processors) or faster	Dual core processors (2.6 GHZ processors) or faster
	8GB RAM (4 GB allocated to JVM)	8GB RAM (4 GB allocated to JVM)	6 GB RAM, 2GB allocated to JVM
	100 GB Hard Drive	200 GB Hard Drive	100GB Hard Drive
	MS Windows Server 2012 r2 / 2016 / 2019 [2] x64 Standard [4] or RHEL 7.7/CentOS 7 [8]	MS Windows Server 2012 r2 / 2016 / 2019 or RHEL 7.7/CentOS 7 [8]	MS Windows Server 2012 r2 / 2016 / 2019 [2] x64 Standard [4] or RHEL 7.7/CentOS 7 [8]
		MS SQL Server 2012 / 2014 / 2016 / 2017 / 2019 [5], Oracle 12c or PostgreSQL (Postgres) 9.6.17 / 11.7	

Deployment Options	Application Server	Database Server	Publishing Server
Enterprise Deployment • Recommended for enterprise deployments. • The recommended configuration for a high-volume network deployment consists of three server-class machines: an application server, a database server, and a publishing server.	Quad core x64 processors (2.6 GHZ Processors) or faster	8 cores x64 processors (2.6 GHZ Processors) or faster	Quad core x64 processors (2.6 GHZ Processors) or faster
	16 GB RAM (12 GB allocated to JVM)	32 GB RAM (20 GB allocated to JVM)	16 GB RAM (12 GB allocated to JVM)
	200 GB Hard Drive	500 GB-1TB Hard Drive (RAID 10 preferred)	200 GB Hard Drive
	MS Windows Server 2012 r2 / 2016 / 2019 [2] x64 Standard, RHEL 7.7 / CentOS 7 [8]	MS Windows Server 2012 r2 / 2016 / 2019 or RHEL 7.7/CentOS 7 [8]	MS Windows Server 2012 r2 / 2016 / 2019 [4], RHEL 7.7 / CentOS 7 [8]
		MS SQL Server 2012 / 2014 / 2016 / 2017 / 2019 [5], Oracle 12c or PostgreSQL (Postgres) 9.6.17 / 11.7	

Notes:

[1] Recommended Installation and Administration Skills: MS Windows administration skills, MS SQL Server, Oracle or PostgreSQL database administration knowledge, and general Internet and TCP/IP networking knowledge.

[2] Installation of Xacta 360 on Windows 2016 will require the selection of the "Custom" install option and a selection of a DB other than SQL Server 2012 Express. The "Complete" option may not be used during installation on Windows 2016 as it attempts to install SQL Server 2012 Express, which is not supported by Microsoft.

[3] MS Office (Word and Excel) and Adobe Acrobat Reader are required on client systems for viewing of published documents.

[4] The application service account must have admin privileges to create temp files under the application install path.

[5] When a customer utilizes NTLM authentication for DB access and also NTLM authentication for user access authentication to the Xacta 360 Product, ensure that the NT account assigned for access to the database has proper SPN privileges. Improper access will cause the Database NT account to be prohibited from accessing user access tokens. This will in turn cause a continuous failure to authenticate using the NTLM authentication module.

[6] Because Chrome does not support applets, PDF documents cannot be digitally signed when using this browser.

[7] When signing PDFs, a 32-bit version of Java must be used.

[8] Windows AD authentication is not supported with Linux based operating systems such as CentOS and RHEL.

[9] Memory allocation should be 2/3 of the total memory of the app server for Windows and 3/4 of the total memory for Linux.

[10] When using Oracle Java = Java 8 build 241. When using Open JDK, Azul or RedHat = Java 8 build 242