



REQUIREMENTS

IMQS Version 6

INTRODUCTION

IMQS version 6 is a desktop application and installed per user (desktop or laptop), with additional services accessed from a centrally hosted server. Basic server hosted services include:

- IMQS installation files (network share)
- Updates folder (network share)
- Aerial photos folder (network share)

Additional server hosted services may include (dependent on IMQS modules purchased):

- MS SQL (Asset Register, Document Manager)
- PostgreSQL (Project Control System (PCS), Electricity Editor)

Based on the above, the following lists in detail the requirements to host IMQS Version 6.

DESKTOP / LAPTOP REQUIREMENTS

(Based on running the IMQS application on a desktop/laptop)

PROCESSOR	Min Intel Core i3
	Intel Core i5 or better <i>(Recommended)</i>
OPERATING SYSTEM	Microsoft Windows 10 or higher
HARD DISK	10 GB of free hard Disk space <i>(Required for program installation)</i>
	Up to 50GB additional disk space <i>(For additional data and imagery)</i>
SYSTEM MEMORY (RAM)	Min GB
	6GB or more <i>(Recommended)</i>
PERIPHERAL COMPONENTS	USB port
GRAPHICS CARD	Min of 1024x768, 16bit colour
	1280 x 1024, 24bit colour <i>(Recommended)</i>
MOUSE	Mouse with wheel
NETWORK CARD	1 Gigabit Network Interface Card
USB PORT	USB 3 port or better
SOFTWARE	Adobe Acrobat
	IMQS
INTERNET WEB BROWSER	Microsoft Edge or Google Chrome

SERVER REQUIREMENTS

(Based on hosting a file server for network shares and an MS SQL server for the IMQS Asset Register SQL database. Can be same server.)

PROCESSOR	Xeon Processor of 2 GHz or better <i>(when hosted on a physical server)</i>
	Xeon Quad core processors or better. <i>(Recommended)</i>
VIRTUAL SERVER PLATFORM	Min of 4 cores
OPERATING SYSTEM	Microsoft Windows Server 2016
	Microsoft Windows Server 2019 or later <i>(Recommended)</i>
HARD DISK	400 GB Hard Disk <i>(for OS, DBMS, Database and Applications.)</i>
	(May require up to a total of 800 GB disk space for maps, photo's, documents and data. Can be on a SAN.) These large sizes are generally needed for Metro clients only.
SYSTEM MEMORY (RAM)	Minimum 8GB expandable to 32GB
PERIPHERAL COMPONENTS	
NETWORK CARD	1Gbit Network Interface Card
SOFTWARE	IMQS

NETWORK REQUIREMENTS

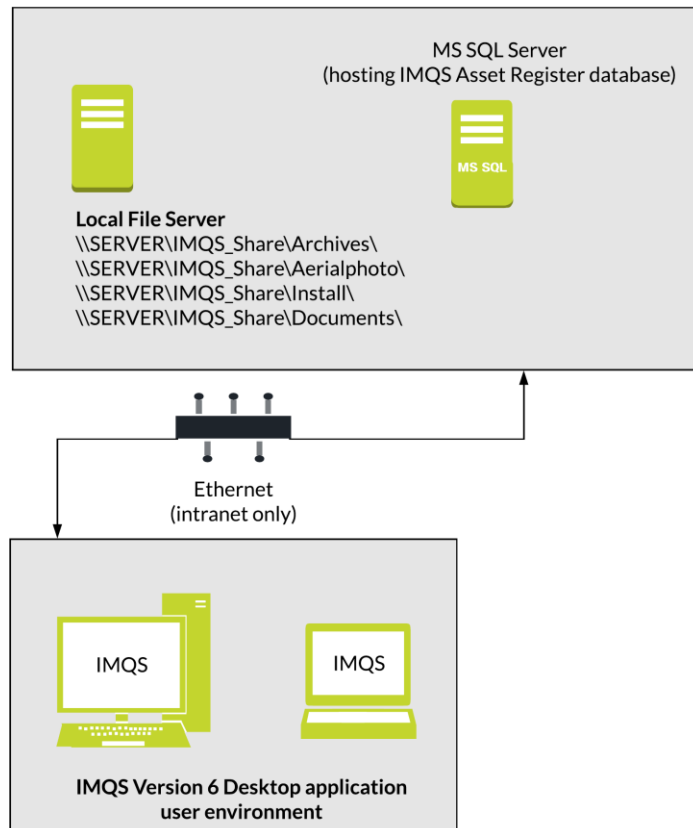
Workstation users will require:

NETWORK REQUIREMENTS	<p>To access a windows folder share with read access to the server location of the data which can also be in the form of a mapped network drive. This is required for server based IMQS archive updates, aerial photo access, IMQS installer and IMQS central document access. Example below:</p> <p>\\SERVER\IMQS_Share\Archives\ \\SERVER\IMQS_Share\Aerialphoto\ \\SERVER\IMQS_Share\Install\ \\SERVER\IMQS_Share\Documents\</p>
INTERNET REQUIREMENTS	<p>VPN access or remote access (TeamViewer) for support and upload application updates <i>(Large updates can be scheduled for after 6pm and before 6am.)</i></p>
DATABASE REQUIREMENTS	<p>MS SQL 2016 (or later) Standard or Enterprise Edition (IMQS module specific -> Asset Register, Document Manager)</p>

IMQS VERSION 6 NETWORK LAYOUT DIAGRAM

Network shares used by IMQS applications to:

- update IMQS
- access Aerialphotos
- install IMQS
- access documents



IMQS V6 Asset Register desktop application connects to the asset register SQL database "IMQS_Asset_CLIENT" hosted on MS SQL Server.

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