

Docman technical specification

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Document Information

History

Author	Stage	Description	Version ¹
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Benjamin Rowe	Release	Release	1.0

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Ownership

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Introduction

This document outlines the requirements for the PCTI product 'DOCMAN GP'. It shows the minimum and recommended specifications for hardware and operating system software for a PC based machine.

The Document will outline two areas of specification:

1. The Docman Database Server
2. The Docman client machines

The document will also outline the requirements for specific clinical systems and also discuss backup software and connection links for remote sites.

Docman database server

In order to run Docman, a pc or server on which to run the Docman database is required. This machine could be an existing clinical server (meeting the operating system requirements below), an old server replaced by a newer model, an email server (connx / gpmail for example) or a pc that is little used within the practice.

Minimum specification

- Processor speed of 2Ghz
- 10GB free hard disk space
- 1GB Ram
- Network Card and a network connection within the surgery
- CD Drive/USB Port
- Microsoft Windows 7 (SP1)
- Internet Explorer 9

Recommended specification

- Processor Intel Xeon 3.0 GHZ
- 100GB free hard disk space
- 2GB Ram
- Network Card and a network connection within the surgery
- CD Drive/USB Port
- Microsoft Windows 2008 R2 Server (SP2)
- Internet Explorer 11

Docman client machine

All workstations requiring access to documents filed by Docman (including the 'Docman Server') will require a Docman client license. Workstations accessing Docman via a thin-client 'remote desktop' session also require a Docman client license

Each workstation should have network access to the Docman Server machine.

Minimum specification

- Processor speed of 2Ghz
- 10GB free hard disk space
- 1GB Ram
- Network Card and a network connection within the surgery
- CD Drive/USB Port
- Microsoft Windows 7 (SP1)
- Internet Explorer 9

Recommended specification

- Processor Intel Xeon 3.0 GHZ
- 100GB free hard disk space
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- Network Card and a network connection within the surgery
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- Microsoft Windows 7 (SP1)
- Internet Explorer 11

Selecting a machine to host the Docman database

emis practices:

1. Server (not the main clinical server)
2. Least used machine in the practice (must not be running Envisage Server)

InPS practices:

1. Clinical server
2. Least used machine in the practice

ISoft practices:

1. Clinical server if not running 'Front Desk Server' and / or 'Contract +'
2. Report server if not running 'Front Desk Server' and / or 'Contract +'
3. Connex machine
4. Least used machine in the practice

EMIS PCS Enterprise / EMIS WEB

For information PCTI has an agreed technical infrastructure with EMIS which requires a local server for Docman 7 when implemented in a PCS Enterprise or EMIS Web environment. The practice may have a server that can fulfil this role already, a Mail Server for example.

If this is not the case there are a number of available options one of which would be to talk directly to the PCT IT Support Team to discuss this requirement (PCTI will be happy to talk with whomever concerned regarding the specification of the server) or alternatively PCTI could provide a separate quotation for a server.

EMIS DDS and Spoke Server

The DDS or EMIS Spoke machine may only be used for hosting Docman with prior written agreement from EMIS.

Please note that it will require the following configuration:

- 1) Server Operating System (Microsoft Server 2003 or 2008)
- 2) A Microsoft Client Access License (CAL) for each workstation in the surgery that will connect to Docman on the Spoke machine
- 3) Backup hardware and software (not supported by PCTI).

These items must be installed by EMIS and / or the PCT / LHB prior to our engineer visiting.

Antivirus Software

Antivirus software is not installed on servers supplied by PCTI. It is the responsibility of the customer to source, install and maintain the Antivirus software.

Branch site server operating system

A Windows 2008 Product Key and the appropriate number of Microsoft Client Access Licenses (CALs) and also Microsoft Remote Desktop Client Access Licenses (RMT DS CALs) are required prior to the installation of Terminal/Branch site servers. These should be acquired through the NHS & Microsoft licensing agreement. It is recommended that these are acquired through discussion with your PCT.

Backup software:

Please contact your PCT to obtain a copy of appropriate backup Server Software. (This is only applicable if documents are to be stored on this server instead of the main clinical server)

Branch (remote) site specifications:

Minimum Requirement: 512Kb bandwidth (kilostream) between main and branch sites

Scanning at branch sites is supported via the following three methods:

Thick Connection (under 5 workstations at branch site)

Supported but requires a minimum of 5MB fixed bandwidth between main and branch sites

- Thick Connection (over 5 workstations at branch site)

Supported but requires a faster link speed proportional to the number of PC's at the branch site.

Thin Client Connection

Supported but requires Windows Terminal Server

Please note: If your practice uses an EMIS clinical system and have a branch site operating Docman through a terminal server solution, the following options in Docman will not be usable to the branch site; Docman toolbar, Clinical System button, Existing Documents button

Storage of Docman data:

Data will be stored on a Network server/pc. This may be your existing Clinical System Server or a designated PC with a server operating system, and must have sufficient space and an adequate backup facility.