



System Requirements

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1 Overview

This document outlines the system requirement for hosting Relativity in your own environment.

2 System Software Requirements

Relativity should ideally be installed on a multi-server platform. Relativity uses Microsoft Windows Server and Microsoft .NET technologies.



The information referenced is a general outline. It is always better to have more memory and a faster processor. Network connection speed, network traffic, database and image base size, and other items may be a factor when evaluating performance.

The breakdown of different Relativity server roles and their specific software requirements are as follows:

2.1 Web/Application Server

- Microsoft Windows Server 2003 w\Service Pack 2 (64 bit)* or higher
- IIS 6.0 or higher
- Microsoft .NET Version 1.1 w\Service Pack 1

*RSA integration requires Microsoft Windows Server 2003 w\ Service Pack 2 (32 bit)

2.2 Background Processing Server

- Microsoft Windows Server 2003 w\Service Pack 2 (64 bit) or Windows Server 2008
- Microsoft .NET Version 1.1 w\Service Pack 1

2.3 Database Server

- Microsoft Windows Server 2003 w\Service Pack 2 (64 bit) or higher, or Windows Server 2008
- SQL Server 2005 (Standard or Enterprise) w\Service Pack 3 (64 bit) or SQL Server 2008
- Microsoft .NET Version 1.1 w\Service Pack 1

2.4 Document Server

- Microsoft Windows Server 2003 w\Service Pack 2 (64 bit) or higher, or Windows Server 2008

2.5 Relativity Analytics Server

- Microsoft Windows Server 2003 w\Service Pack 2 (64 bit) or higher, or Windows Server 2008

3 System Hardware Requirements Option

The above referenced servers should utilize a distributed configuration for optimal performance and future growth. The specifications are:

3.1 Server 1

- Roles: Web/Application Server
 - Web base review
 - Import/Export
 - Distributed File Access
- CPU: Quad Core 2.4 GHZ Xeon Processors or higher
- 4 GB of RAM
- 1 GB of disk space required for Relativity program files
- Gigabit Ethernet Connection
- OS – RAID1

3.2 Server 2

- Roles: Background Processing Server
- Hosts all Relativity Agents including:
 - TIFF Native Manager
 - Production Manager
 - Branding Manager
- CPU: Quad Core 2.4 GHZ Xeon Processors or higher
- 4 GB of RAM
- 1 GB of disk space required for Relativity program files
- Gigabit Ethernet Connection

3.3 Server 3

- Roles: Database Server
 - Houses all cases including Metadata and Extracted Text
- CPU: 2 Quad Core 2.4 GHZ Xeon processors or higher
- 32 GB of RAM
- Disk Space determined based on case size usage

- Gigabit Ethernet Connection
- OS – RAID1
- Full Text Indexes - RAID1 or RAID1+0
- Tempdb - RAID1 or RAID 1+0,
- Databases – RAID5
- Logs – RAID1

3.4 Server 4

Document Server Option

- Roles: Document Server
 - Houses all Native and Image files
- CPU: Quad Core 2.4 GHZ Xeon processors or higher
- 4GB of RAM
- 1 GB of disk space required for Relativity program files
- Disk Space determined based on usage
- Gigabit Ethernet Connection
- OS – RAID1, Documents – RAID1 or RAID5 (recommended)

-- OR --

SAN/NAS

- Roles: Document Storage Server
 - Houses all Native and Image files
- Disk space determined based on usage
- Gigabit Ethernet Connection
- Note for SAN/NAS environments: The disk group where the Document or Database storage LUNS are located should be configured with RAID5 functionality.

3.5 Server 5

- Roles: Houses Relativity Analytics and dtSearch Indices
- CPU: Quad Core 2.4 GHZ Xeon processors or higher
- 8 GB of RAM (with the ability for expansion)
- Disk space determined based on the amount of indices created
- Gigabit Ethernet Connection

4 Special Considerations

If you plan on using a portal (hardware or software), or VPN (hardware or software), please be sure to notify kCura to discuss preferred vendors.

If you plan on using RSA authentication, special configuration options may apply. Please contact support@kcura.com for more information.

5 Disclaimer

This documentation is proprietary information of kCura Corporation and may be modified, altered, or repurposed only in accordance with written consent from kCura.

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