



# **System Requirements**

v6.6

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# 1 Overview

This document outlines the system requirements 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 x64\* or higher, or Windows Server 2008 x64
- IIS 6.0 or higher
- Microsoft .NET Version 3.5 w\Service Pack 1

### 2.2 Background Processing Server

- Microsoft Windows Server 2003 w\Service Pack 2 x64 or Windows Server 2008 x64
- Microsoft .NET Version 3.5 w\Service Pack 1

### 2.3 Database Server

- Microsoft Windows Server 2003 w\Service Pack 2 x64 or higher, or Windows Server 2008 x64
- SQL Server 2005 (Standard or Enterprise) w\Service Pack 3 x64 or SQL Server 2008 (Standard or Enterprise) x64
- Microsoft .NET Version 3.5 w\Service Pack 1

### 2.4 Document Server

- Microsoft Windows Server 2003 w\Service Pack 2 x64 or higher, or Windows Server 2008 x64 --- A file storage system such as a SAN or NAS can also be used to fill the document server requirement.

## 2.5 Relativity Analytics Server

- Microsoft Windows Server 2003 w\Service Pack 2 x64 or higher, or Windows Server 2008 x64

## 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.

## 5 Disclaimer

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