



## System Requirements

This document lists the hardware and software requirements for Chuckwalla v6 software. Chuckwalla v6 consists of multiple software components that may be installed on one or more Windows Server computers. Here is the list of Chuckwalla v6 components:

- Chuckwalla Server
- Chuckwalla SDK
- Chuckwalla Console Manager
- Chuckwalla NetClient
- Chuckwalla Windows Desktop
- Chuckwalla Macintosh Desktop
- Chuckwalla Management Console
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Following optional components are available from Chuckwalla:

- Chuckwalla Hot Folder
- Chuckwalla Report Manager
- Chuckwalla Import Export Utility
- Adobe Graphics Server

### ***Chuckwalla Server***

#### ***Software Requirements***

Chuckwalla Server requires Windows 2003 operating system. Chuckwalla Desktop for Windows requires Windows Vista or Windows XP Professional.

Chuckwalla Desktop for Macintosh requires Apple OS 10.3 or later.

Following additional software must be installed on the Windows Server computers for Chuckwalla Server to operate successfully:

- Microsoft .NET Framework Version 1.1 and 2.0
- Apple QuickTime 6.0, (*Recommended Version required*)
- Adobe Graphics Server 2.0, *for image transformation*
- Microsoft Office 2003, *optional, for Microsoft Office documents only*
- Virage VideoLogger, *optional, for pre-processing video*

Following additional software must be installed on the Windows Desktop computers for Chuckwalla Windows Desktop to operate successfully:



- Apple QuickTime 6.0, (*Recommended Version required*)
- Microsoft Office 2000 or later, *optional, for PowerPoint documents only*

## **Hardware Requirements**

Chuckwalla Server can be configured in a variety of combinations to help you meet your performance and capacity goals. Here are recommended configurations, each with its own hardware specifications.

### **Standard (Enterprise) Configuration**

This configuration is suited for up to 100 concurrent user sessions of moderate activity (3 requests per minute per user session). You will need 2 Windows Server computers, each with the following minimum specifications:

- Intel Xeon 3.6 GHz, Quad processors
- 4 GB RAM Minimum (8 Gb Recommended)
- 100/1000 Mbps network adapter with Gigabit capability
- 36 GB internal hard disk storage min
- 15K RPM SCSI hard drives in a Raid 1 or Raid 5 configuration for asset repository.

Chuckwalla Software is to be installed in the following configuration:

#### **Computer A**

- Chuckwalla Object Server
- Chuckwalla Preview Generator Dispatcher
- Chuckwalla Web Updater Dispatcher
- Chuckwalla Hot Folder (*Chuckwalla SDK required*)

#### **Computer B**

- Chuckwalla NetClient (*Chuckwalla SDK required*)
- Chuckwalla Report Manager (*Chuckwalla SDK required*)
- Chuckwalla Console Manager

Microsoft SQL 2005 Server should be installed on a separate Windows 2003 Server.



## Modular Configuration

This configuration is suited for up to 50 concurrent user sessions of moderate activity (3 requests per minute per user session). You will need 1 Windows Server computer with the following minimum specifications:

- Intel Xeon 3.0 GHz, dual processors or better (Quad-Core recommended)
- 2 GB RAM (4 Gb or more recommended)
- 10/100 Mbps network adapter
- 36 GB internal hard disk storage min
- 15K RPM SCSI hard drives in a Raid 1 or Raid 5 configuration or SAN for asset repository.

Chuckwalla Software is to be installed in the following configuration:

### Chuckwalla Object Server

- Chuckwalla Preview Generator Dispatcher
- Chuckwalla Web Updater Dispatcher
- Chuckwalla Hot Folder (*Chuckwalla SDK required*)
- Chuckwalla NetClient (*Chuckwalla SDK required*)
- Chuckwalla Report Manager (*Chuckwalla SDK required*)
- Chuckwalla Server Console

Microsoft SQL 2005 Server may be optionally installed on this computer, or you may choose to use an independent installation of the SQL 2005 Server.



## **Chuckwalla Clients**

### **Chuckwalla Desktop for Windows**

Processor: 2.0Ghz Celeron Dual Core CPU or better (2.53Ghz Core 2 Duo CPU recommended)

Operating System: Windows XP, Windows Vista

Hard Disk: 32 Mbytes of free disk space

Memory: 1Gbyte of RAM, 2 Gbytes recommended

Hardware components: Video graphics adapter that supports hi-color modes

Network components: Network adapter

Network components: TCP/IP software

Programs: Apple QuickTime 6 or later, Microsoft Office 2003, optional, for Microsoft PowerPoint documents only

### **Chuckwalla Desktop for Macintosh**

Processor: Intel

Operating System: OS 10.4 or later

Hard Disk: 32 Mbytes of free disk space

Memory: 1Gbyte of RAM, 2Gbytes recommended

Programs: Apple QuickTime 7 or later

### **Chuckwalla NetClient**

#### Macintosh

Processor: Macintosh PowerPC or Intel

Operating system: Mac OS X version 10.3 or later.

Memory: 500MB of RAM.

Hard disk: 20 MB of available hard disk space.

Programs: Apple Safari 2.0+, Firefox 2+, Apple QuickTime version 7 or later.

Note: Plug-in for drag and drop upload must be manually installed for Safari.

#### Windows

Processor: Pentium class CPU or better

Operating system: Windows XP, Vista

Memory: 32 Mb RAM

Hard disk: 16Mb RAM for browser installation

Programs: Microsoft Internet Explorer 6.x/7.x, Firefox 2+, Apple QuickTime version 7 or later.