

# System Requirements Publishing & Commercial Printing

OneVision Software AG

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**All setups require for installation an local administrator account.  
If your network uses special policies, please contact OneVision upfront.**

**Asura 10, Asura Pro 10, Garda 10,  
PlugBALANCEin 10, PlugCROPin 10, PlugFITin 10, PlugRECOMPOSEin 10, PlugSPOTin 10,  
PlugTEXTin 10, PlugINKSAVEin 10, PlugWEBin 10**

Operating system	Windows XP Professional®, Service Pack 2, 32 Bit Windows Server 2003® Standard Edition Service Pack 2, 32 Bit Windows Server 2003 R2® Standard Edition Service Pack 2, 32 Bit Windows Server 2003 R2® Standard Edition Service Pack 2, 64 Bit Windows Server 2008® Standard Edition Service Pack 2, 32 Bit Windows Server 2008® Standard Edition Service Pack 2, 64 Bit (HASP dongle only)
Processor	Intel Core 2 Duo 2,4 GHz (or faster), 1066 MHz FSB (or faster), AMD Athlon 64 x2 5200+ (or compatible/or faster),
Main memory	4 GB RAM or more recommended on 64 Bit OS 8 GB RAM recommended
Hard disk	Fast hard disk, 50 GB available to accommodate installation and virtual memory, RAID 5 or other redundancy recommended, 50 GB free disk space for temporary data (normaly on C:)
Resolution	Support for 24-bit color at 1152 x 864 resolution minimum
CD ROM drive	Required for installation
USB Port	Required for license dongle
Networking	TCP/IP services and active network connection required

## Asura Balance 2.1

Operating system	Windows XP Professional®, Service Pack 2, 32 Bit Windows Server 2003® Standard Edition Service Pack 2, 32 Bit Windows Server 2003 R2® Standard Edition Service Pack 2, 32 Bit
Processor	Intel Pentium IV 2,8 GHz (or faster), 533 MHz FSB (or faster) recommended (Hyper threading currently not supported) AMD Athlon 64 3000+ (or compatible/or faster),
Asura Version	Requires Asura 8.5, Asura Pro 8.5 or above
Main memory	1024 MB RAM or more recommended
Hard disk	Fast hard disk, 30 GB available to accommodate installation and virtual memory
Resolution	Support for 24-bit color at 1152 x 864 resolution minimum
CD ROM drive	Required for installation
Networking	TCP/IP services and active network connection required

## Asura Enterprise 2.7

### JDFnet Service

Operating system	Windows Server 2003 Standard Edition Service Pack 2, 32 Bit Windows Server 2003 R2® Standard Edition Service Pack 2, 32 Bit
Asura Version	Requires Asura 9.6, SR3 Asura Pro 9.6 SR3 or above
Processor	Intel Core 2 Duo (or compatible) 2 GHz or faster
Main memory	1 GB RAM minimum, 2 GB RAM recommended
Hard disk	Fast hard disk, at least 200 GB available to accommodate installation, virtual memory, data and log files, RAID 5 or other redundancy recommended. Depending on individual workflows more data storage may be required
Resolution	Support for 24-bit color at 1024 x 768 resolution minimum
CD-ROM	Required for installation
USB Port	Required for license dongle
Networking	TCP/IP services and active network connection required; External communication to Asura as well Asura over JDFnetEnterprise Plugin via open ports 8050 (default)

### Web Components

Operating system	Windows Server 2003 Standard Edition Service Pack 2, 32 Bit Windows Server 2003 R2® Standard Edition Service Pack 2, 32 Bit 32 Bit SUSE LINUX Professional 10.1 (or compatible) <sup>1</sup>
Processor	Intel Core 2 Duo (or compatible) 2 GHz or faster
Main memory	512 MB RAM minimum, 1 GB RAM recommended
Hard disk	Fast hard disk, at least 200 GB available to accommodate installation, virtual memory, data and log files, RAID 5 or other redundancy recommended. Depending on individual workflows more data storage may be required.
Resolution	Support for 24-bit color at 1024 x 768 resolution minimum
CD-ROM	Required for installation
Networking	TCP/IP services and active network connection required; External communication to Asura and Asura Pro over JDFnetEnterprise Plugin via open ports 8050 (default)
Web server	Apache 2.2.2 <sup>2</sup> and PHP 5.1.4 <sup>2</sup>
Database	MySQL 5.0.21 <sup>2</sup>

TCP & UDP communication between web server, JDFnet service and Asura on several ports required. JDFnet and Asura have to be located in the same network segment. Details are available from OneVision and may be installation dependent.

<sup>1</sup>) Other Linux distributions or versions with kernel 2.4.x and 2.6.x which supports XAMPP 1.5.3a from [www.apachefriends.org](http://www.apachefriends.org) should also be able to run Asura Enterprise Server but only this distribution/version was tested and is supported by OneVision.

<sup>2</sup>) Included in XAMPP 1.5.3a from [www.apachefriends.org](http://www.apachefriends.org)

**Please note:**

Asura Enterprise is offered as an add on to Asura or Asura Pro 9.6SR3 or higher. It is not recommended that the Web Server (Apache, PHP, MySQL) runs on the same hardware/machine as Asura (Pro) due to mutual stealing of performance and resources. If the Webservice and Asura (Pro) Server are on the same machine, the performance may be slow. The OneVision JDFnet service should be installed on a separate Windows machine within the Asura network, if the Asura machine does not provide at least two CPU cores. If JDFnet Service is installed on the Asura machine, the system requirements recommended for running JDFnet Service are needed.

### Asura Direct for Windows

Operating system	Windows XP Professional, Service Pack 2, 32 Bit Windows Vista Business®, Service Pack 2, 32 Bit or 64 Bit Windows Server 2003 Standard Edition Service Pack 2, 32 Bit
Browser	Internet Explorer 7.0, Firefox 3.0.1, Opera 9.5
Processor	Pentium III (or compatible) 1 GHz (or faster)
Main memory	512 MB RAM minimum, 1 GB RAM recommended
Hard disk	Fast hard disk, 10 GB available to accommodate installation and virtual memory
Resolution	Support for 24-bit color at 1024 x 768 resolution minimum
Networking	An active network connection to Asura Enterprise web server

### Asura Direct for Macintosh OSX

Operating system	Mac OSX 10.4.11 (Tiger) Mac OS X 10.5.8 (Leopard)
Browser	Safari 3.2, Firefox 3.0.1,
Processor	Apple Macintosh with PowerPC G5 or Intel CPU
Main memory	512 MB RAM minimum, 1 GB RAM recommended
Hard disk	Fast hard disk, 10 GB available to accommodate installation and virtual memory
Resolution	Support for 24-bit color at 1024 x 768 resolution minimum
Networking	An active network connection to Asura Enterprise web server

## Voyager 1.1

**A working OneVision Workspace server 1.4 SR1 is required to use OneVision Voyager**

### Voyager Server

Operating system	32 Bit SUSE LINUX Professional 10.3 (or compatible) 32 Bit UBUNTU LINUX 08.04 (or compatible) Current GhostScript and ImageMagick packages need to be installed
Processor	Intel Core 2 Duo (or compatible) 2 GHz or faster
Main memory	1 GB RAM minimum, 2 GB RAM recommended
Hard disk	Fast hard disk, at least 200 GB available to accommodate installation, virtual memory, data and log files on /opt, RAID 5 or other redundancy recommended. Depending on individual workflows more data storage may be required 50 GB free disk space for temporary data
Resolution	Support for 24-bit color at 1024 x 768 resolution minimum
CD-ROM	Required for installation
Networking	active network connection required; External communication to Workspace Server and Voyager Clients via http port 80, SMTP server required for email messaging

## Mirado 1.1

### Mirado Preparation System

Operating system	Windows XP Professional, Service Pack 2, 32 Bit .Net 2.0 Service Pack 1 runtime required
Processor	Intel Core 2 Duo (or compatible) 2,4 GHz or faster
Main memory	2 GB RAM minimum, 4 GB RAM recommended
Hard disk	Fast hard disk, at least 200 GB available to accommodate installation, virtual memory, data and log files, RAID 5 or other redundancy recommended. Depending on individual workflows more data storage may be required
Resolution	Support for 24-bit color at 1280 x 1024 resolution minimum
CD-ROM	Required for installation
USB Port	Required for license dongle

### Mirado Deployment Server

Operating system	Windows Server 2003 Standard Edition Service Pack 2, 32 Bit Windows Server 2003 R2® Standard Edition Service Pack 2, 32 Bit 32 Bit SUSE LINUX Professional 10.3 (or compatible)
Processor	Intel Core 2 Duo (or compatible) 2 GHz or faster
Main memory	1 GB RAM minimum, 2 GB RAM recommended
Hard disk	Fast hard disk, at least 200 GB available to accommodate data and log files, RAID 5 or other redundancy recommended. Depending on individual workflows more data storage may be required
Networking	TCP/IP services and active network connection required
Web server	Apache 2.2.2 , IIS 6 or newer

### Mirado Browser Clients

Operating system	Windows XP Professional®, Service Pack 2, 32 Bit Windows Vista Business®, Service Pack 2, 32 Bit OSX 10.4.11 OSX 10.5.8
Processor	Intel Core 2 Duo (or compatible) 2 GHz or faster
Main memory	1 GB RAM minimum, 2 GB RAM recommended
Resolution	Support for 24-bit color at 1024 x 768 resolution minimum
Networking	TCP/IP services and active network connection required
Web browser	Internet Explorer 7.0 Firefox 3.0 Safari 3.2 All with JavaScript enabled and Flash 10 browser plugin installed

## Workspace 1.4, Amendo 2.0, Contenio 1.5

### Requirements for Server

Operating system	Windows Server 2003® Standard Edition Service Pack 2, 32 Bit Windows Server 2003 R2® Standard Edition Service Pack 2, 32 Bit Windows Server 2008® Standard Edition Service Pack 2, 32 Bit
Processor	Intel Core 2 Duo/Quad 2,4 GHz (or faster), 1066 MHz FSB (or faster), CPU AMD Athlon 64 X2 5200+, Athlon Phenom X2/X4 (or compatible/faster) Or comparable Server CPU e.g. Xeon or Opteron
Main memory	4 GB RAM recommended
Hard disk	Fast hard disks, 200 GB available to accommodate installation and virtual memory, Separate fast hard disk for data recommended RAID 5, RAID 10 or other redundancy recommended for data storage 50 GB free disk space for temporary data
Resolution	Support for 24-bit color at 1024 x 768 resolution minimum
CD ROM drive	Required for installation
USB Port	Required for license dongle
Networking	TCP/IP services and active network connection required Fast switched network with Gigabit network adapter for Server
Asura clients	If multiple Asura clients are connected, they need to be installed and licensed with the same version and set of plugins, version 9.6 SR 3 or higher. All Asuras have to be installed in the same sub net as the Workspace server.

### Requirements for Contenio in addition to Workspace

Runtime	.Net 2.0 Service Pack 1 Runtime
Networking	An active network connection
Web browser	Internet Explorer 7 Adobe Flash Player 9.0 ActiveX plugin for Microsoft Internet Explorer 7.0

### Requirements for Workspace Mobile Clients

Browser	Web browser supporting HTML 4.0 and a device resolution of at least 240 x 320 pixel.
Networking	An active network connection to the Workspace server via http

### Requirements for Workspace Monitor & Workspace Admin Clients

Browser	Internet Explorer 7, Internet Explorer 8, Firefox 3.0, Safari 3.2 enabled JavaScript
Operating system	Windows XP Professional, Service Pack 3, 32 Bit Macintosh OSX 10.4.11 Macintosh OSX 10.5.8
Networking	An active and open network connection to the Workspace server via http

### Requirements for Workspace Control Clients

Java Runtime	On Windows: Java 1.5.16 or higher or Java 1.6.0 13 or higher On OSX: Java for Mac OS X 10.4 Release 9 or Java for Mac OS X 10.5 Update 5
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Operating system	Windows XP Professional, Service Pack 3, 32 Bit Macintosh OSX 10.4.11 Macintosh OSX 10.5.8
Browser	Internet Explorer 7.0, Internet Explorer 8.0, Firefox 3.0, Safari 3.2, enabled JavaScript and Java
Processor	Pentium IV (or compatible) 3 GHz (or faster) Apple Macintosh with PowerPC G5 oder Intel CPU
Main memory	2048 MB RAM minimum
Hard disk	Fast hard disk, 1 GB available to accommodate installation and virtual memory
Resolution	Support for 24-bit color at 1024 x 768 resolution minimum
Networking	An active and open network connection to the Workspace server via http

### Requirements for Amendo Interactive Clients on Windows

Operating system	Windows XP Professional, Service Pack 2, 32 Bit
Processor	Intel Core 2 Duo 2,4 GHz (or faster), 1066 MHz FSB (or faster),
Main memory	2048 MB RAM or more recommended
Hard disk	Fast hard disk, 10 GB available to accommodate installation and virtual memory
Resolution	Support for 24-bit color at 1280 x 1024 resolution minimum
Networking	An active and open network connection to the Workspace server via http

### Requirements for Amendo Interactive Clients on OSX

Operating system	OSX 10.5.8
Processor	Intel Core 2 Duo 2,4 GHz (or faster), 1066 MHz FSB (or faster),
Main memory	2048 MB RAM or more recommended
Hard disk	Fast hard disk, 10 GB available to accommodate installation and virtual memory
Resolution	Support for 24-bit color at 1280 x 1024 resolution minimum
Networking	An active and open network connection to the Workspace server via http

## Connect 2.1

### Requirements for Server

Operating system	Windows Server 2003® Standard Edition Service Pack 2, 32 Bit Windows Server 2003 R2® Standard Edition Service Pack 2, 32 Bit Windows Server 2008® Standard Edition Service Pack 2, 32 Bit
Runtime	.Net 2.0 Service Pack 1 Runtime
Processor	Intel Core 2 Duo/Quad 2,4 GHz (or faster), 1066 MHz FSB (or faster), CPU AMD Athlon 64 X2 5200+, Athlon / Phenom X2/X4 (or compatible/faster) Or comparable Server CPU e.g. Xeon or Opteron
Main memory	4 GB RAM recommended
Hard disk	Fast hard disks, 200 GB available to accommodate installation and virtual memory, Separate fast hard disk for data recommended RAID 5, RAID 10 or other redundancy recommended for data storage
Resolution	Support for 24-bit color at 1024 x 768 resolution minimum
CD ROM drive	Required for installation
USB Port	Required for license dongle
Networking	TCP/IP services and active network connection required Fast switched network with Gigabit network adapter for Server

### Requirements for Connect clients

Operating system	Windows Server 2003® Standard Edition Service Pack 2, 32 Bit Windows Server 2003 R2® Standard Edition Service Pack 2, 32 Bit Windows Server 2008® Standard Edition Service Pack 2, 32 Bit
Runtime	.Net 2.0 SP1 Runtime
Processor	Intel Core 2 Duo/Quad 2,4 GHz (or faster), 1066 MHz FSB (or faster), CPU AMD Athlon 64 X2 5200+, Athlon Phenom X2/X4 (or compatible/faster) Or comparable Server CPU e.g. Xeon or Opteron
Main memory	2 GB RAM recommended
Hard disk	20 GB available to accommodate installation and virtual memory,
Resolution	Support for 24-bit color at 1024 x 768 resolution minimum
CD ROM drive	Required for installation
Networking	TCP/IP services and active network connection required Server and clients should be in the same network segment.

### Solvero 10 (Windows) Concurrent License

Operating system	Windows XP Professional®, Service Pack 2, 32 Bit Windows Server 2003® Standard Edition Service Pack 2, 32 Bit Windows Vista Business®, Service Pack 2, 32 Bit
Processor	Intel Core 2 Duo 2,4 GHz (or faster), 1066 MHz FSB (or faster), AMD Athlon 64 3400+ (or compatible/faster),
Main memory	2048 MB RAM or more recommended
Hard disk	Fast hard disk, 30 GB available to accommodate installation and virtual memory
Resolution	Support for 24-bit color at 1152 x 864 resolution minimum
CD ROM drive	Required for installation
Networking	TCP/IP services and active network connection to license server required

### Solvero 10 (Macintosh OSX) Concurrent License

Operating system	Mac OS X 10.4.11 with Java for Mac OS X 10.4 Release 9 Mac OS X 10.5.8 with Java for Mac OS X 10.5 Update 5
Processor	Apple Macintosh with PowerPC G5 or Intel CPU
Main memory	2048 MB RAM or more recommended
Hard disk	Fast hard disk, 30 GB available to accommodate installation and virtual memory
Resolution	Support for 24-bit color at 1152 x 864 resolution minimum
CD ROM drive	Required for installation
Networking	TCP/IP services and active network connection to license server required

### Concurrent License License Server

Operating system	Windows XP Professional®, Service Pack 2, 32 Bit Windows Server 2003® Standard Edition Service Pack 2, 32 Bit
Processor	Free CPU time for license requests available, only very short peak loads
Main memory	1024 MB RAM or more recommended
Hard disk	Fast hard disk, 1 GB available to accommodate installation
Resolution	Support for 24-bit color at 1152 x 864 resolution minimum
CD ROM drive	Required for installation
USB Port	Required for license dongle, no other Aladdin dongle may be used at the same time on this server
Networking	TCP/IP services and active network connection to Solvero workstation required, Server and clients should be in the same network segment.

## Sicuriq 1.5, Sicuriq Pro 1.5

Operating system	Windows XP Professional®, Service Pack 2, 32 Bit Windows Server 2003® Standard Edition Service Pack2, 32 Bit
Processor	Intel Core 2 Duo (or compatible) 2 GHz or faster
Main memory	512 MB RAM minimum, 1GB RAM recommended
Hard disk	Fast hard disk, 10 GB available to accommodate installation and virtual memory
Resolution	Support for 24-bit color at 1152 x 864 resolution minimum
CD ROM drive	Required for installation
USB Port	Required for license dongle
Networking	TCP/IP services and active network connection required

