



**SirsiDynix Symphony**  
**Client / Server Requirements**

**January 2010**

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This document is compatible with SirsiDynix Symphony 3.3.1, SirsiDynix 3.3.0, and Unicorn GL3.1.

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# SirsiDynix Symphony Client/Server Requirements

This document includes the client, server, web-based product, and e-Library requirements for SirsiDynix Symphony.

This document includes the following sections:

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## SirsiDynix Symphony Servers - Requirements

The following table lists the requirements for the SirsiDynix Symphony servers and server versions.



The information provided here is based upon test situations and are approximations. For your institution's specific needs, please contact a SirsiDynix Sales Consultant.

Legend	
Y	Yes
N	No
(number)	Additional information below

SirsiDynix Symphony Servers - Requirements						
Symphony Release	Database Support	RAM	RAM / concurrent connection	Disk Space for Symphony	Disk space in megabytes for data	TCP/IP network
3.3.x Unicode	Oracle 10g(1,3)	512MB	16MB	6.2GB(4)	# of titles / 15	Y
3.3.x Unicode	Microsoft SQL Server 2008	1GB minimum 2.048GB or more recommended	16MB	6.2GB(4)	# of titles / 15	Y
3.3.x	Oracle, 9i(2) 10g(1,3)	512MB	8MB	6.2GB(4)	# of titles / 30	Y
3.3.x	Informix ISAM	128MB	4MB	1.6GB(5)	# of titles / 60	Y
3.2.x Unicode	Oracle 10g(1,3)	512MB	16MB	6.2GB(4)	# of titles / 15	Y

SirsiDynix Symphony Servers - Requirements						
Symphony Release	Database Support	RAM	RAM / concurrent connection	Disk Space for Symphony	Disk space in megabytes for data	TCP/IP network
3.2.x	Oracle 9i(2), 10g(1,3)	512MB	8MB	6.2GB(4)	# of titles / 30	Y
3.2.x	Informix ISAM	128MB	4MB	1.6GB(5)	# of titles / 60	Y

### Additional information

1. Linux supports 10g *only*.
2. Oracle 9i is 9.2.0.7 or higher.
3. AIX supports Oracle 10.1 and 10.2 *only*.
4. Disk Space Required to run the SirsiDynix Symphony 3.3.x or 3.2.x Upgrade (**UNIX/Oracle**): Before you begin the SirsiDynix Symphony 3.3.x or 3.2.x upgrade, please verify that you have enough additional free disk space for the upgrade to run. If the Upgrade directory and the Unicorn directory are on separate partitions, you will need an extra 6.0 GB for the Upgrade directory and an extra 9.3 GB for the Unicorn directory. If both the Upgrade directory and the Unicorn directory are on the same partition, you will need an extra 15.3 GB for the upgrade to run. This additional disk space can be freed up after the upgrade finishes. Please note, however, that the disk space requirements for sites on AIX Oracle are different. In this case, you will need an extra 16 GB for the Upgrade directory and an extra 22 GB for the Unicorn directory if the Upgrade directory and the Unicorn directory are on different partitions. If they are on the same partition, you will need an extra 38 GB of free space.
5. Disk Space Required to run the SirsiDynix Symphony 3.3.x or 3.2.x Upgrade (**UNIX/ISAM**): Before you begin the SirsiDynix Symphony 3.3.x or 3.2.x upgrade, please verify that you have enough additional free disk space for the upgrade to run. If the Upgrade directory and the Unicorn directory are on separate partitions, you will need an extra 2.7 GB for the Upgrade directory and an extra 3.3 GB for the Unicorn directory. If both the Upgrade directory and the Unicorn directory are on the same partition, you will need an extra 6.0 GB for the upgrade to run. This additional disk space can be freed up after the upgrade finishes.

### SirsiDynix Symphony Servers - Platform/OS Support

The following tables list the platforms and operating systems supported for the SirsiDynix Symphony servers.



The information provided here is based upon test situations and are approximations. For your institution's specific needs, please contact a SirsiDynix Sales Consultant.

Legend	
Y	Yes
N	No
(number)	Additional information below

SirsiDynix Symphony Servers - Platform/OS Support					
SirsiDynix Symphony Release	Sun Solaris 9-10 (SPARC 32-bit)	AIX 5.x (pSeries 32-bit)	AIX 6.1 (pSeries 32-bit)	HP-UX 11i	Windows 2003 Intel x86 (32-bit)
3.3.1 Unicode / Oracle	Y(2)	Y(1,2)	Y(2,3)	Y	Y
3.3.1 Oracle	Y(2)	Y(1,2)	Y(2,3)	Y	Y
3.3.1 Informix / ISAM	Y	Y(1)	Y(3)	Y	Y
3.3.0 Unicode / Oracle	Y	Y(1,2)	N	Y	Y
3.3.0 Oracle	Y	Y(1,2)	N	Y	Y
3.3.0 Informix / ISAM	Y	Y(1)	N	Y	Y
3.2.x Unicode / Oracle	Y	Y(1,2)	N	Y	Y
3.2.x Oracle	Y	Y(1,2)	N	Y	Y
3.2.x Informix/ ISAM	Y	Y(1)	N	Y	Y

SirsiDynix Symphony Servers - Platform/OS Support			
SirsiDynix Symphony Release	Windows 2008	Red Hat Enterprise Linux 4-5	Suse Linux 9 and 10
3.3.x Unicode / Oracle	Y	Y	Y
3.3.x Oracle	N	Y	Y
3.3.x Informix / ISAM	N	N	N
3.2.x Unicode / Oracle	N	Y	Y
3.2.x Oracle	N	Y	Y

SirsiDynix Symphony Servers - Platform/OS Support			
SirsiDynix Symphony Release	Windows 2008	Red Hat Enterprise Linux 4-5	Suse Linux 9 and 10
3.3.x Unicode / Oracle	Y	Y	Y
3.2.x Informix/ ISAM	N	N	N

### Additional information

1. Requires AIX 5.2L or higher in the AIX 5.xL series.
2. Requires Oracle 9i, 10.1, or 10.2.
3. Requires Oracle 10g (R1/R2 only). Certification for Oracle 9.2 is in process.

## WorkFlows Staff Client - Requirements

The following table lists the requirements for the WorkFlows staff client.



The information provided here is based upon test situations and are approximations. For your institution's specific needs, please contact a SirsiDynix Sales Consultant.

Legend	
Y	Yes
N	No
(number)	Additional information below

WorkFlows Staff Client - Requirements						
SirsiDynix Symphony Release	OS/Platform	Processor	RAM	Disk Space for Client	Monitor Resolution	TCP/IP network
3.3.x	Windows 2000, XP, or Mac OS X (10.5 SP 2 or higher) on Intel (3)	Minimum: 700 MHz Suggested: 1Ghz, 32-bit only for Windows, 64-bit only for MAC	Minimum: 1GB Suggested: 2GB	100MB	1024 x 768 or better	Y

WorkFlows Staff Client - Requirements						
SirsiDynix Symphony Release	OS/Platform	Processor	RAM	Disk Space for Client	Monitor Resolution	TCP/IP network
3.3.x	Windows Vista	Minimum: 800 MHz Suggested: 1 Ghz, 32-bit only	Minimum: 1GB Suggested: 2GB	100MB	1024 x 758 or better	Y
3.2.x	Windows 2000, XP, or Mac OS X (10.4 or higher on Intel or PowerPC)	Minimum: 700 MHz Suggested: 1Ghz, 32-bit only	Minimum: 512MB Suggested: 1GB	100MB	1024 x 768 or better	Y
3.2.x	Windows Vista	Minimum: 800 MHz Suggested: 1Ghz, 32-bit only	Minimum: 1GB Suggested: 2GB	100MB	1024 x 768 or better	Y

### Additional information

1. On workstations running the WorkFlows staff client, SirsiDynix recommends setting the virtual memory association to equal twice the amount of physical memory, at minimum. Please work with your PC administrator to check the virtual memory setting on each workstation running the WorkFlows staff client, and increase the memory if necessary.
2. On workstations running the WorkFlows Java client that will simultaneously run any additional applications including a browser, SirsiDynix strongly suggests that the workstation be configured with at least 1GB of RAM. Regardless of actual workstation memory configuration, please ensure that the WorkFlows Java client will consistently have 512 mbytes of available memory on the workstation.
3. Macintosh users should run OS X (10.5, SP 2 and higher, 64 bit machine, Dual Core required). For version 3.3, Macintosh clients require Java 1.6 - which also requires a 64 bit machine, with Dual Core. For Macintosh machines that don't meet this requirement, users can run the 3.2.1 WorkFlows Java client which runs Java 1.5 against a 3.3 server. (Please refer to the 3.2.x client workstation requirements for more information.)
4. WorkFlows staff client will not affect OPAC stations, which will continue to require a browser only.

## Supported Browsers for SirsiDynix Symphony Web-based Products

The following Internet browsers are supported for the SirsiDynix Symphony web-based products:

- Internet Explorer 6
- Internet Explorer 7
- Internet Explorer 8
- Firefox for Windows
- Safari for Macintosh

## e-Library Requirements

The following tables list the e-Library requirements.



The information provided here is based upon test situations and are approximations. For your institution's specific needs, please contact a SirsiDynix Sales Consultant.

### e-Library Interface on Web2

The following table lists the server requirements for e-Library on Web2.

Legend	
Y	Yes
N	No
(number)	Additional information below

e-Library Interface on Web2 - Server Requirements				
e-Library Release	RAM / user	Web Server	Disk Space for e-Library	TCP/IP network
3.3.x	7MB	IIS, Apache or other web server	250MB(1)	Y
3.2.x	7MB	IIS, Apache or other web server	250MB(1)	Y
GL3.1	7MB	IIS, Apache or other web server	250MB(1)	Y

#### Additional information

1. 5-10 MB temporary disk space on system disk for install.

## e-Library on Web2 - Platform/OS Support

The following table lists the supported server platforms/operating systems for e-Library on Web2.



The information provided here is based upon test situations and are approximations. For your institution's specific needs, please contact a SirsiDynix Sales Consultant.

Legend	
Y	Yes
N	No
(number)	Additional information below

e-Library Interface on Web2 - Server Platform / OS Support			
e-Library Release	Windows NT SP 6a	Windows 2000 SP 3	Windows 2003
3.3.x	N	Y	Y
3.2.x	N	Y	Y
GL3.1	N	Y	Y

## e-Library Interface on WebCat

The following table lists the server requirements for e-Library on WebCat.

Legend	
Y	Yes
N	No
S	Supported
(number)	Additional information below

e-Library Interface on Webcat - Server Requirements				
e-Library Release	RAM / user session(1)	Web Server	Disk Space for e-Library	TCP/IP network
3.3.x	7MB	Apache or other web server	250MB(2)	Y
3.2.x	7MB	Apache or other web server	250MB(2)	Y

e-Library Interface on Webcat - Server Requirements				
e-Library Release	RAM / user session(1)	Web Server	Disk Space for e-Library	TCP/IP network
GL3.1	7MB	Apache or other web server	250MB(2)	Y

### Additional information

1. This column shows the RAM required per user session in addition to the RAM required for the operating system and other applications on the server.
2. 5-10 MB temporary disk space on system disk for install.

### e-Library Interface on WebCat - Platform/OS Support

The following table lists the supported server platforms/operating systems for e-Library on WebCat.



The information provided here is based upon test situations and are approximations. For your institution's specific needs, please contact a SirsiDynix Sales Consultant.

Legend	
Y	Yes
N	No
(number)	Additional information below

e-Library Interface on WebCat - Server Platform / OS Support						
e-Library Release	Sun Solaris 9-10	AIX 5.x	AIX 6.1	HP-UX 11i	Red Hat Enterprise Linux 4-5	DEC Alpha OSF-4.x
3.3.1	Y	Y(1)	Y			
3.3.0	Y	Y(1)	N	Y	Y	N
3.2.x	Y	Y(1)	N	Y	Y	N
GL3.1	Y	Y(1)	N	Y	Y	Y(2)

e-Library Interface on WebCat - Server Platform / OS Support				
e-Library Release	Windows 2000 SP 3	Windows 2003	Windows 2008	Suse Linux 9-10

3.3.x	N	Y	Y for 3.3.1 N for 3.3.0	9 and 10 for 3.3.1 9 only for 3.3.0	
3.2.x	Y	Y		Y	
GL3.1	Y	Y		Y	

**Additional information**

1. Requires AIX 5.2 or higher.
2. Requires Tru64 5.1B or higher.