

Clients have access to the system via an intranet, Internet or VPN, through the use of a standard Web browser. Additional software such as Adobe Acrobat Reader may be required to view the different document formats. The GUI interface is tailored to support a basic low-end platform.

Base User Equipment Specifications:

- Browsers Supported: Netscape 4.0 and up, Internet Explorer 4.0 and up
~ Netscape 6.0 not supported at this time
- Platforms: PC, Mac and UNIX
- Screen Resolution: 800 x 600
- Adobe Acrobat Reader version 3.0, 4.0, 5.0, 6.0 (for viewing PDFs)
- Microsoft Office version 97, 2000, 2003, XP (for viewing Microsoft Word documents)
- Network Connection: TCP/IP or 56.6 kb modem
- Color Palette: Web Safe pallet 216 colors

The important issues for deciding what type of server to use to run SPS depend almost entirely on the expected frequency of content submissions. In general a small or medium server is sufficient to handle a large number of infrequent users. SPS has a scalable architecture, which allows it to take advantage of very small systems all the way up to load-balancing across multiple machines. Please see the following Client Installation Examples for a better idea of different hardware requirements.

Disk space requirements are related directly to how many graphics (photographs, illustrations, graphs) are stored for content submission, as each SPS implementation is different in the level of image-based materials, Template graphic usage and content size. The SPS database is extremely compact, but the size of the images, ability for users to store previously created documents and the overall complexity of the generated database can require larger amounts of disk storage.

After the final decisions are made concerning the number and complexity of Templates and potential users storing documents, a final disk storage space requirement can be provided. As a general guideline it is recommended to start an implementation with around 10 Gb.

Client Installation Examples

Listed below is a sample of existing SPS hardware configurations only. Real hardware requirements depend on the expected document creation frequency.

5 users

Apache 1.3.12	Apache 2.0	Apache 1.3.22
Linux – Debian	Windows 2000 Workstation	FreeBSD 4.5
600 Mhz Pentium III	1.7 Ghz Pentium 4	1.7 Ghz Pentium
8 Gb Hard disk	36 Gb Hard Disk	36 Gb Hard Disk
256 Mb RAM	256 Mb RAM	256 Mb RAM

20 users

- IIS 4.0
- Windows NT, Service Pack 6
- HP Netserver LH3
- 345 Ghz Pentium III
- 40 Gb Hard Disk (Raid)

100 users

IIS 5.0
 Windows 2000 Server
 IBM Netserver
 2 x 2.1 Ghz Pentium 5
 40 Gb Hard Disk (Raid)

500 Users

SPS plus Web Publishing Module
 643 Mb
 2 Load balanced servers plus a
 database machine
 IIS 4.0
 Windows NT, Service Pack 4
 3 – 2 x 750 Mhz Pentium 4
 100 Gb Hard Disk (Raid)

5000 Users

SPS plus External Printing and Campaign Manager 100 Mb	SPS plus External Printing 200 Mb
Apache AIX V4.3 / AIX 5L PSeries 610 1-way 333 Mhz Server 18.2 Gb Hard Disk 512 Mb RAM	IIS 5.0 Windows 2000 Server IBM X235 Dual Processor 2 x 2.4 Ghz Xeon 6 x 36.4 Gb Hard Disk (Raid 5) 1 Gb RAM

SPS Software Dependencies

Perl 5.6.1 (ActiveState Perl Version 628)
 Perl Modules (for storage, OLE access, etc.)
 Microsoft Word (for generation of Microsoft Word documents—NT only)
 C Compiler (UNIX only)

CGI Compliant Web Server (Apache, IIS, etc.)
 Access to an SMTP and/or POP server (depending on email functionality)

Additional software may be required depending on operational configurations or procedures.