

SWS Software FAQs for IT

1. Why does SWS require a server?

The SonoSite Workflow Solutions (SWS™ software) server provides a single, secure location for storage of all images and data that are collected from multiple ultrasound systems.

2. What are the SWS server requirements?

The minimum requirements for a SWS server are:

Microsoft Windows Operating Systems (Server or Client)

- Windows XP with SP3
- Windows Vista Business
- Windows Server 2008

MacIntosh Operating System (Server or Client)

- Mac® OS 10.5.6 or later

System Requirements

- CD-ROM drive
- USB drive
- Ethernet connectivity (wired or wireless)

Minimum Server System Hardware Requirements

- 2 GHz processor
- 4 GB system memory
- 250 GB hard disk space

Additional requirements for Client

- A browser: FireFox 3.5 or later, Internet Explorer 7.0 or later, or Safari 4.0 or later
- Adobe Reader 8.1 or later (See www.adobe.com)
- Adobe Media Player (See www.adobe.com)

3. How much disk storage space is really used?

A sample system with approximately 13,000 complete ultrasound exams uses about 75 GB of storage space.

4. How is SWS installed?

SWS server software is installed on both Mac and PC systems using a “Wizard” type installation tool. The software is distributed on a DVD. SWS Client software is installed on PCs and Macs using a web interface on the server PC (or Mac).

5. Who maintains the SWS server?

The IT or BioMed group that supports the Emed department would normally maintain the server.

6. How is SWS data backed up?

SonoSite provides data backup and restore software with SWS. It is expected that the server or computer hosting the SWS server is backed up according to the policies in place at the hosting institution.

7. Who has access to SWS?

Anyone needing access to the data or images collected during ultrasound exams can be given an SWS account. Various privilege levels and roles can be assigned to each account.

8. Who administers user accounts for SWS?

Account administration for SWS is a function of the Emed department.

9. How do my images/studies get from my ultrasound machines to SWS?

Studies and images can be transferred to SWS via USB memory stick or Ethernet. When connected by Ethernet, images and studies are automatically transferred at the end of each exam.

10. Is SWS wireless?

SWS as a networked system can be wireless. The server to client can be wireless if that service is installed in the hospital. The ultrasound system to SWS link can also be wireless as an option to SonoSite ultrasound systems. Wireless connectivity may be available on ultrasound systems from other vendors.

11. What wireless security schemes are available?

SonoSite devices support 802.11b/g wireless protocols. Versions of WEP, Shared WEP, WPA, WPA2, and Enterprise (Radius) encryption and authentication policies are configurable.

12. Can SWS support departments with multiple locations?

SWS is intended to provide a departmental or local solution for image archiving. If a hospital has multiple locations that share a common data network, SWS will work. SWS does not know about physical separation, only network connectivity.

13. Does SWS support “virtual” installation?

SWS can be installed on a virtual server as long as the virtual server meets the OS requirements in the SWS installation guide or in this memo.

14. Can SWS be accessed remotely?

SWS has no limitations to prevent remote access. If your hospital allows VPN or other remote access tools, SWS can be accessed from nearly any location with a broadband Internet connection.

15. Does SWS support HL7?

Yes, SWS supports HL7.

16. Does SWS communicate with EMR/EMR systems?

SWS version 1.1 provides an HL7 interface for use with EMR/EHR systems. When configured for HL7, SWS provides a one-button interface to send reports directly to the EMR/EHR.

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