

A man in a white lab coat is looking at a laptop screen. He is in a hospital or clinical setting, with other people and medical equipment visible in the blurred background.

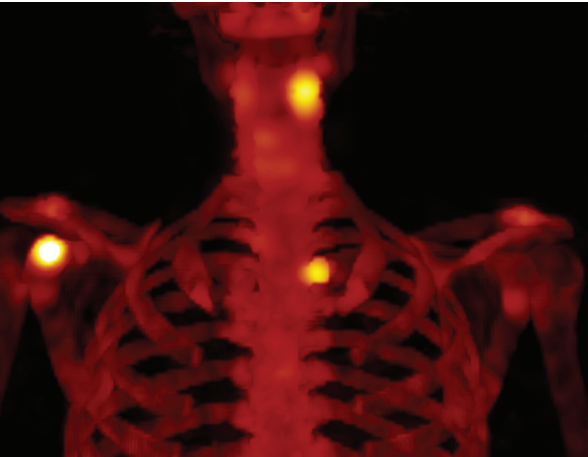
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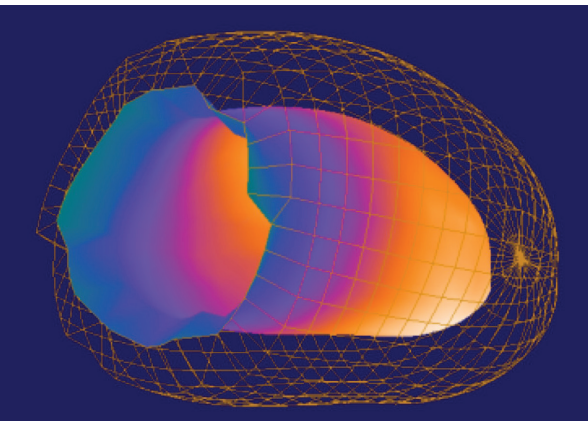
Symbia.net

Clinical Workflow Server

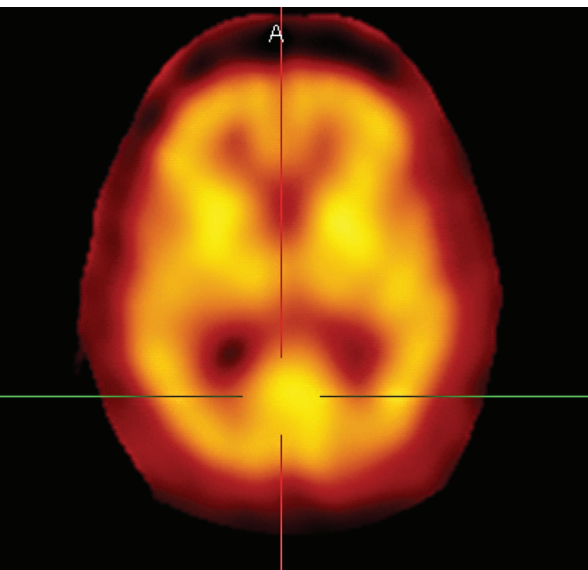
Symbia.net Clinical Workflow Server



Cancer: standard uptake value analysis
Data courtesy of University of Minnesota,
Minneapolis, Minnesota, USA



Coronary artery disease: myocardial perfusion analysis
Data courtesy of University of Michigan,
Ann Arbor, Michigan, USA



Epilepsy: brain analysis
Data courtesy of Friedrich Alexander University Erlangen,
Nuremberg, Germany

Information Access Made Easy

Symbia.net™ is an economical client-server solution for anywhere,* anytime processing and reading of molecular imaging studies.

The system supports SPECT, SPECT/CT and PET/CT, as well as quantitative measurement for systems featuring xSPECT technology, such as Symbia Intevo™.**

The Symbia.net platform offers maximum flexibility and investment protection. Whether Symbia.net is configured as a standalone workplace for one user or as a server for multiple concurrent users, the same fully scalable system is easy to integrate and use from the start and upgradeable to meet your future needs.

The Symbia.net server provides access from any compatible Mac or PC, anywhere.* With the free Symbia.net app for iPad*** from the Apple App StoreSM and Microsoft[®] Surface support, users can further leverage their investment to fully access all their tools, applications and clinical cases from mobile devices. This allows you to more easily cover scenarios such as:

- Case and image discussions with patients
- Case and results discussions in tumor board meetings
- Second opinions, even from remote locations

* Requires network connection and minimum hardware requirements. Server management with at least 1 client required for iPad access.

** xSPECT technology reconstructs both the SPECT and CT portions of the image using the high-resolution CT frame of reference for precise, accurate alignment that facilitates the extraction and deep integration of medically relevant information. Symbia Intevo and xSPECT are not commercially available in all countries. Due to regulatory reasons, their future availability cannot be guaranteed. Please contact your local Siemens organization for further details.

*** Symbia.net for iPad is for non-diagnostic use.

Key Benefits

Symbia.net is the only client-server solution that provides full processing and reading capabilities for molecular imaging data. Symbia.net is configurable with Siemens standard nuclear medicine and advanced clinical applications for oncology, cardiology and neurology, as well as common cardiac packages, including Corridor 4DM and Cedars.

EASY to install and operate on PC, Mac, iPad or Windows Surface Pro. The familiar and highly customizable user interface enables a virtually instant transition for Symbia™ users.

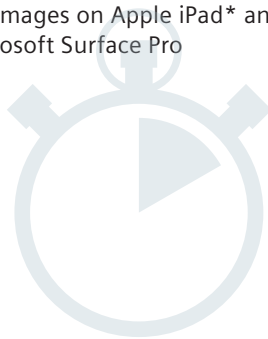
ECONOMICAL to maintain and expand with the option to install an unlimited number of computers at no additional cost, allowing up to ten concurrent users per server. User and application licenses may be added anytime.

ACCESS to anywhere,* anytime full image reconstruction and reading tools, including the standard cardiac packages and advanced engines.

With Symbia.net, you can leverage your existing Siemens imaging equipment and IT infrastructure, reduce manual interaction, synchronize information and knowledge exchange, and improve your facility's workflow productivity.

Your Return on Innovation

- Potentially increase speed of clinical decisions by processing and reading images anytime from anywhere
- Improve reading confidence through accurate and reproducible quantification of Symbia Intevo xSPECT studies
- Reduce time for image processing through integration of data acquisition and data processing workflows
- Save time for communication with colleagues and patients by displaying images on Apple iPad* and Microsoft Surface Pro
- Potentially increase revenue from physician referrals through faster report turnaround
- Save resources and scale effectively based on needs using existing hardware



NOTE: xSPECT reconstruction cannot be performed on Symbia.net.

* Requires network connection and minimum hardware requirements.

Technical Specifications

Number of Concurrent Users

Number of concurrent users is scalable with multiple servers. Up to 10 concurrent users per system; 1 at the server with up to 9 floating clients.

Server	HP Z820
Processors	2x Intel Xeon E5-2637, 3.5 GHz, 4 cores
Memory	16GB DDR3, 1,866 MHz
Graphics	NVIDIA Quadro K 600 1GB GFX
Hard drive	2x 300GB, 10,000 RPM SAS

Client Requirements

Operating systems	Windows 8, 7, Vista, XP. Apple Mac OS X
Memory	1 GB minimum, 2 GB recommended
Hard drive	1 GB free HD space minimum
Display resolution	Flexible from 1280 x 768 to full HD to 2560 x 1440 (27" Mac)
Graphics	24-bit color depth compatible
Processor speed	2.0 GHz or higher recommended

Mobile Devices

iPad 2 or later on iOS 5 or later
Microsoft Surface Pro

Supported Image Types and Scanners

SPECT/CT and SPECT	Symbia Intevo Symbia Intevo Excel* Symbia Evo™* Symbia Evo Excel Symbia T Series Symbia S Symbia E c.cam e.cam
PET/CT	Biograph mCT Flow™ Edge Biograph mCT Flow Biograph™ mCT Biograph Horizon™ Biograph mCT 20 Excel Biograph TruePoint

Connectivity

Minimum: 54 Mbps; Recommended: 100 Mbps or higher (wired or wireless)

Installation

Install and update Symbia.net by connecting to the server and launching an installation/update application

* Symbia Intevo Excel, Symbia Evo and Symbia Evo Excel are not available in all countries. Due to regulatory reasons, their future availability cannot be guaranteed. Please contact your local Siemens organization for further details.

Symbia.net is also compatible with competitive data that conforms to Siemens DICOM standards.

Technical Specifications

Service and Upgrade Capabilities

Siemens remote service capabilities allow for fast and efficient maintenance and system updating. Remote diagnostic functionality permits remote login and the ability to receive updates electronically. Administration is centralized on one server, database and workflow library.

Configuration and Expansion Options

Symbia.net offers licenses for up to 10 concurrent users; 1 at the server with up to 9 floating clients. The client application can be installed on an unlimited number of computers, meeting minimal requirements, with simultaneous access for up to 10 concurrent users at any given time.

Supported User Interface Languages

English, Spanish, French, German, Chinese, Japanese

Clinical Applications

Compatible with Siemens standard and advanced molecular imaging engines and is configurable with third-party cardiac packages:

Oncology	Volumetric analysis and advanced fusion
Cardiology	Calcium scoring, cedars, corridor 4DM
Neurology	Scenium SPECT, Scenium DatScan, Scenium Subtraction, Scenium PET
Nuclear studies	Organ processing: cardiac, lung, thyroid, renal, gastric, hepatobiliary, brain, liver

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