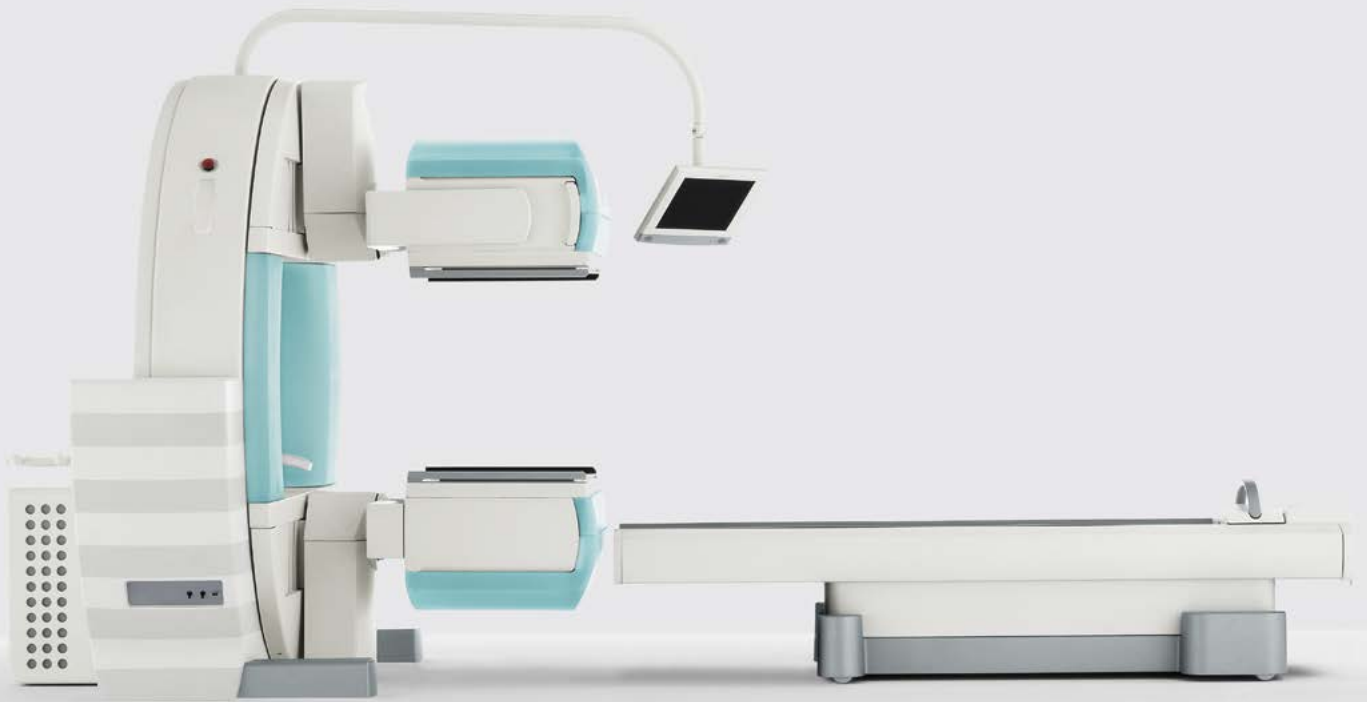


SIEMENS



usa.siemens.com/servicesolutions

Evolve.Express Upgrade to the future—now

e.cam and Symbia SPECT and SPECT/CT Family

e.cam Symbia SPECT and SPECT/CT Family Evolve.Express Upgrade

The Evolve.Express upgrade for the applicable e.cam™, Symbia® E, Symbia® S, and Symbia® T-T16 systems delivers the latest computer hardware and/or software, depending on your unique specification. This upgrade facilitates your ability to offer a high standard of care while improving your departmental workflow by improving performance, enhancing the user interface and system functionality.

Protect your investment with an Evolve.Express Upgrade!

Evolve.Express

Upgrade to the future—now

With Evolve.Express, you can protect your investment by making your Siemens SPECT and SPECT/CT more efficient and cost-effective.

Protect the integrity of your system by increasing system security with an upgrade to the Microsoft Windows® 7 platform.

Protect and expand your revenue stream with an Evolve.Express upgrade to your Symbia SPECT/CT that provides XR29 compliance¹ and remain competitive by enabling the ability to upgrade to new functionality.



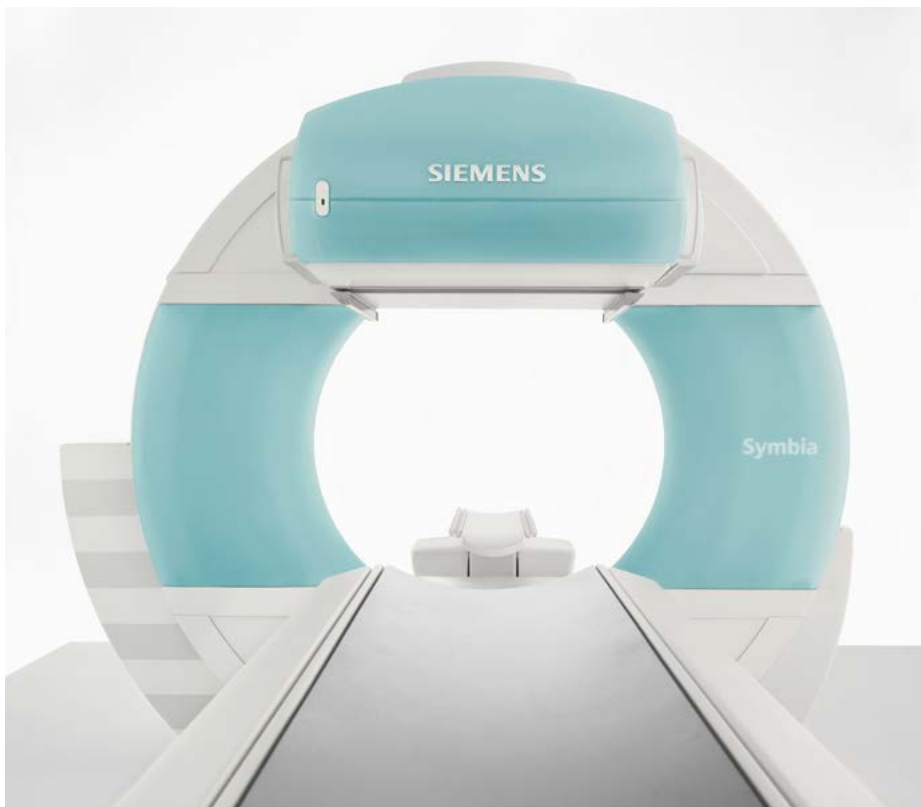
**Longer life cycle—
optimize your investment**

**Stay innovative—expand
into new service lines**

**High standard of care—
without impacting your
workflow**

Highlights

- **Increased security**
Upgrading to the Windows® 7 operating system will provide more security than Windows® XP.
- **Improved efficiency**
Symbia.net can be configured as a server for up to 10 concurrent users¹.
- **Excellent image quality**
With IRIS² the scanner is set to significantly decrease image noise without losing image quality as compared to conventional FBP.
- **Lower reconstruction times**
Utilizing latest reconstruction algorithms and processing hardware can lead to faster imaging results.
- **Radiation dose optimization support via:**
 - DICOM Radiation Dose Structured Report (RDSR)
 - Dose Check/Dose ALERT
 - CARE Dose (automatic exposure control)
 - Reference Adult and Pediatric Protocols (factory protocols)



¹For US only.

²Available for purchase on SPECT/CT systems with 6-/16-slice diagnostic CT. Phantom measurements show that as compared to FBP, IRIS reduces standard deviation of pixel noise.

Standard Enhancements

- **Improvements in software quality**
Better system performance
 - Improved system motion
 - Better diagnostics
 - Enhanced trouble shooting capabilities
- **Windows® 7 operating system**
Optimized security and stability
Upgrade to Windows® 7, providing you with more features, better security and improved stability compared to Windows® XP. Hotfix update support is included with the new upgrade.
- **3rd party cardiac quantification packages³**
Quantification, analysis, measurements
New versions of Cedars-Sinai Cardiac Suite, Corridor4DM and Emory Cardiac Toolbox™ will be provided to customers with existing versions of the application.
- **Image Reconstruction System**
More powerful
Faster reconstruction algorithms and more powerful reconstruction hardware lead to faster imaging results.
- **Symbia.net server management**
Extended multi-seat system⁴
An exciting feature allowing the new configuration of Symbia.net as a 10-seat system. With the server occupying the first seat, 9 additional seats are available to remote users for more efficient usage. It is easy to install, operate and connects with existing cameras, RIS and PACS.
- **For your SPECT CT/CT: eStart X-ray tube warm-up routine**
The easily enabled eStart feature gently warms up the tube after extended periods of non-use. This reduces deterioration associated with cold starts and enables extension of the tube's lifespan.

Hardware Improvements

SPECT:

Upgrade to the latest HPz series computers that provide faster performance.

- **Acquisition Workplace**
 - Intel E5-1620v1 3.60 GHz 4 Core 10M Cache
 - 8 GB DDR3 1600 RAM
 - 2 x 500 GB SATA hard drives
 - Optical DVD

SPECT/CT:

Upgrade to the latest Fujitsu Tower 12 computers for the Image Control System and Image Reconstruction System.

- **Acquisition Workplace**
 - Single Quad-Core 3.6 GHz Xeon CPU
 - 8 GB RAM
 - 4 X 300 GB SAS hard drives
 - NVIDIA Quadro K600 graphic card
 - Dual Port 1 Gigabit ethernet card
 - Integrated DVD-R RW
- **Image Reconstruction System**
 - Single Quad-Core 3.6 GHz Xeon CPU
 - v2 x 4 GB RAM
 - 2 x 300 GB SAS hard drives
 - NVIDIA Quadro NVS 300 graphic card
 - DVD SATA

State-of-the art computers allow your system to meet the constantly growing demand for more speed and better performance, as well as stability of the systems.

The hardware upgrade also includes a new Siemens' Nuclear Acquisition Computer (SNAC).

4 ³3rd party cardiac quantification packages are purchasable options for customers without existing versions.

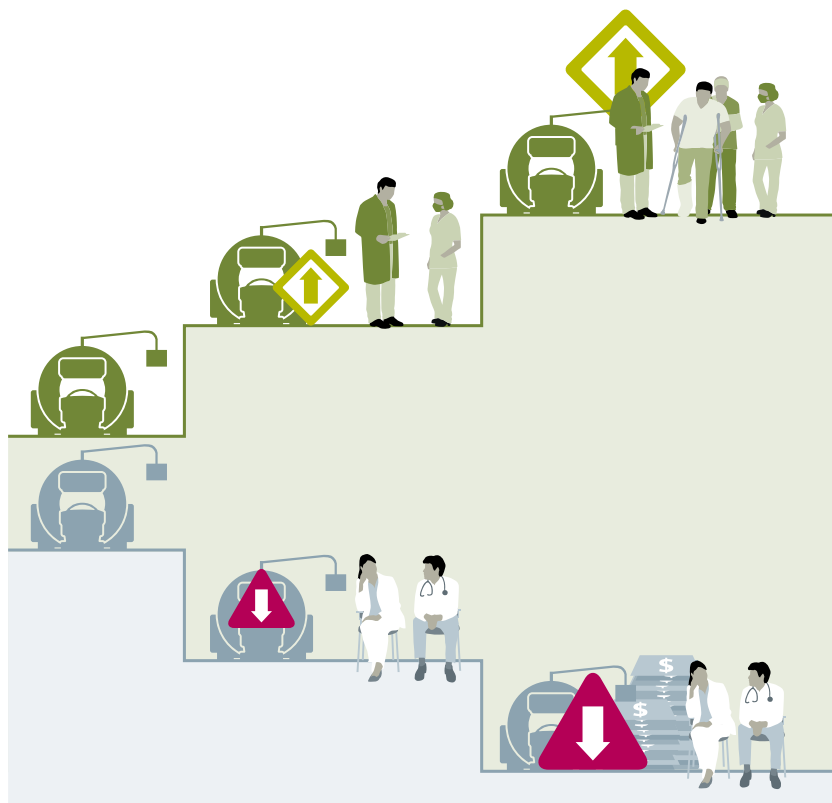
⁴Additional concurrent user licenses need to be purchased.

New Purchasable Options

- **Iterative reconstruction in image space (IRIS)**
Decrease in image noise
IRIS maintains the image correction quality of theoretical iterative reconstruction and significantly decreases image noise without loss of image quality. As compared to conventional filtered-back projection, IRIS can deliver better results at lower mA levels, and delivers fast reconstruction times and excellent image quality⁵.
- **Cedars-Sinai Cardiac Suite v2012**
Automatic segmentation, quantification
A comprehensive array of tools for automatic segmentation, quantification and analysis of nuclear cardiology studies, designed to help you with the processing, and review of Cardiac SPECT datasets. V2012 supports 7 languages, allows automatic software co-registration and comes with the new feature quality score.
- **Corridor4DM v2013**
Quantification, review and reporting
Corridor4DM displays high quality images, allowing for more accurate quantitative measurements and resulting in improved detection of coronary artery disease. Enhancements such as multi-monitor support, HL7 reporting and auto-workflow selector are available.
- **Scenium**
New neurology engine
It provides the foundation required to purchase the upgrade to the Scenium display and analysis software with three workflows. Besides data comparison and striatal analysis, Scenium Subtraction provides an advanced workflow primarily for seizure detection. It implements the SISCOP technique for an easy and reproducible epilepsy assessment. The software also provides an automated and customizable noise filtering tool to help you identify the potential epileptic foci in the patient's brain.

Evolve.Express for eligible Siemens SPECT and SPECT/CT systems provides additional opportunities to purchase new imaging applications.

Please contact your local Siemens Sales Representative for more information about the purchasable features.



Evolve.Express

Upgrade to the future—now.

Evolve.Express is a “single upgrade step” including one system software upgrade and/or one computer hardware upgrade, depending on your unique specification—equipping your system with the latest technology. This upgrade also grants you access to the latest and most innovative clinical applications.

⁵Phantom measurements show that as compared to FBP, IRIS reduces standard deviation of pixel noise.

On account of certain regional limitations of sales rights and service availability, we cannot guarantee that all products included in this brochure are available through the Siemens sales organization worldwide. Availability and packaging may vary by country and is subject to change without prior notice. Some/All of the features and products described herein may not be available in the United States.

The information in this document contains general technical descriptions of specifications and options as well as standard and optional features, which do not always have to be present in individual cases.

Siemens reserves the right to modify the design, packaging, specifications, and options described herein without prior notice. Please contact your local Siemens sales representative for the most current information.

Note: Any technical data contained in this document may vary within defined tolerances. Original images always lose a certain amount of detail when reproduced.

Local Contact Information

Siemens Medical Solutions USA, Inc.
221 Gregson Drive
Cary, NC 27511
USA
Phone: +1-888-826-9702
usa.siemens.com/healthcare

Siemens Healthcare Headquarters

Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen
Germany
Phone: +49 9131 84-0
siemens.com/healthcare