

WORKSTATION, VAMC PROVIDENCE, RI, PO# 650-B70006

Qty	Part No.	Item Description
1		<b>Symbia.net</b> Symbia.net is an economical solution for reading of SPECT and SPECT•CT studies. The system can be optionally configured with full MI processing capabilities. The Symbia.net can be configured as a client-server system by adding the Server Management option. PET functionality is available on multi-seat systems.
1		<b>Additional System Manuals</b> Additional user manual for the above selected MI system.
1		<b>Cardiology Engine Advanced 4DM</b> The Cardiology Engine Advanced Corridor4DM assists in the diagnosis and quantification of coronary artery disease as well as in risk stratification for acute cardiac events. This engine also enables visualization of SPECT studies, quantified perfusion assessment, and quantification of coronary calcium.
2		<b>Monitor: 19 inch LCD</b> The 19" LCD Monitor is an economic monitor solution
1		<b>Additional onsite training 24 hours</b> Up to (24) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist if applicable. This educational offering must be completed (12) months from date of purchase order. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.

Offset Part	Additional System Manuals
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## Detailed Technical Specifications

Part No. / Product	Description
	<p>Symbia.net is a clinical workplace that offers:</p> <p>System Features:</p> <ul style="list-style-type: none"> <li>- Workflow based architecture</li> <li>- DICOM networking, printing</li> <li>- User configurable displays</li> <li>- 3D Orientation</li> <li>- Image Fusion</li> </ul> <p>Access to reading capabilities from anywhere (requires Server Management option)</p> <ul style="list-style-type: none"> <li>- Any standard PC, Mac, or iPad with a network connection can be set up as a client</li> <li>- Up to 10 concurrent users can access the clinical network simultaneously</li> </ul> <p>Easy installation and operation</p> <ul style="list-style-type: none"> <li>- Symbia.net easily integrates with existing cameras, RIS and PACS</li> <li>- A virtually unlimited number of client computers can be installed remotely (requires Server Management option)</li> <li>- Designed for the needs of nuclear medicine with a user friendly interface and advanced automation features</li> </ul> <p>Optional Extensions</p> <ul style="list-style-type: none"> <li>- Server Management option <ul style="list-style-type: none"> <li>- Supports up to 10 concurrent users</li> <li>- 1 seat at the workplace</li> <li>- Up to 9 floating client licenses</li> </ul> </li> <li>- Cardiology Engines</li> <li>- Oncology Engines</li> <li>- Neurology Engines</li> <li>- MI Processing Engine</li> <li>- Advanced SPECT/CT Reconstruction</li> <li>- MI Cardiac Process Engine</li> </ul>
	<p>The Cardiology Engine Advanced Corridor4DM provides the Corridor4DM Cardiac Suite, a comprehensive set of quantitation programs for the evaluation of SPECT Myocardial Perfusion Imaging</p> <p>The engine calculates a comprehensive interactive processing and display, generation of 2D, 3D, and polar maps images, calculation of ventricular volumes, myocardial mass and ejection fraction for gated SPECT studies and utilizes gated bloodpool data to calculate left ventricular Ejection Fraction. Compare perfusion and functional polar maps to gender matched normal files, which includes additional support for attenuation correction. Also included are a normal database generator and the ability to create reports within the Corridor4DM application.</p> <p>The Corridor4DM application is an OEM product developed and supported by INVIA.</p> <p>Outputs include DICOM secondary capture files, result files, reports as well as the ability to generate an AVI or TIFF file.</p> <p>The engine calculates various Calcium Scores (Agatston, volume and calcium mass) to assess the risk of a cardiac infarct within user-defined regions for up to four coronary arteries. Visualization and localization consists of</p>

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	<p>a functional VRT (Volume Rendering Technique) fused with an anatomical VRT, with a unique, real-time reorientation based on 3D volumetric images. The resulting areas of calcification or coronary arteries are overlaid on the VRT. One-Click Heart Isolation allows the user to isolate the heart from the surrounding tissue, while correlation of Calcium Scoring results with MPI slices and Fused VRT allows for easy navigation through areas of calcification.</p> <p>Applications include: Corridor4DM Cardiac Suite and CardioScore.</p>
	<p>The Monitor: 19 in. LCD technical features are:</p> <ul style="list-style-type: none"> <li>- 19" active display</li> <li>- Optimal picture resolution of 1280 x 1024</li> <li>- Anti-glare panel surface</li> <li>- Up to 170 degree viewing angle</li> </ul>