


The Cenova software installation kit provides the tools for installing the current Cenova software on hardware that meets minimum system requirements. The kit includes the following:

- Software disks
- License(s)
- Installation instructions
- User documentation

Cenova provides the capabilities necessary to integrate powerful mammography software applications. In order to ensure satisfactory performance, the hardware and software must meet certain minimum requirements. This document outlines the computer hardware and software requirements, and the supported clinical software applications.

Hologic recommends installing the software on a server computer that is dedicated solely to the Cenova product. Other CPU- or memory-intensive applications may degrade product performance.

 **Note:** During the Cenova application installation, supporting software (e.g., IIS, SQL DB, .NET 3.5) is also installed, which may interfere with existing applications on the server.

Clinical Software Applications, Inputs and Outputs

Software Release	Cenova 2.2 and higher
Optional Applications	<p>ImageChecker® CAD (2D), which uses sophisticated algorithms to identify and mark regions of interest on routine screening and diagnostic mammograms.</p> <p>ImageChecker® 3D Calc CAD, software used to identify and mark regions of interest on digital breast tomosynthesis datasets.</p> <p>Quantra™, software that calculates volumetric and area breast densities from digital mammography images.</p> <p>BACS™, software that performs breast arterial calcification scoring from digital mammography images.</p> <p>DigitalNow™ HD, which processes digitized screen-film mammograms so that the resulting images more closely resemble digital mammography images.</p>
Input	<p>DICOM Digital Mammography X-Ray Image – For Processing</p> <p>DICOM Digital Mammography X-Ray Image – For Presentation</p> <p>DICOM Secondary Capture Image – Raw Projection</p>
Output	<p>DICOM Mammography CAD SR</p> <p>DICOM Secondary Capture Image</p> <p>DICOM Radiotherapy Structure Set</p> <p>DICOM Digital Mammography X-Ray Image – For Presentation</p> <p>Paper Printouts (printer not included)</p>


Cenova Minimum Hardware Specifications

Cenova C-Series Server for 2D Applications

Operating System	Windows XP Professional SP3 32-bit
Processor	Xeon 2.0 GHz
Memory	4 GB
Hard Drive	500 GB
Ethernet	10/100/1000 BASE-T
CD-RW/DVD Drive	Read / Write

Cenova T-Series Server for 2D and/or 3D Applications

Operating System	Windows 7 Professional SP1 64-bit
Processor	Xeon 2.4 GHz
Memory	12 GB ECC
Hard Drive	2 TB RAID 0 Storage
GPU (for 3D applications)	NVIDIA Tesla C2070 GPU
Video	VGA 1024 x 768
Ethernet	10/100/1000 BASE-T
CD-RW/DVD Drive	Read / Write

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