

DICOM 6000 Interface

for PACS Workstations

R2 ImageChecker® CAD Marks

Now Available on PACS Workstations

Many PACS and PACS workstations cannot display CAD marks from DICOM Mammography CAD SR objects. Hologic's DICOM 6000 Interface overcomes this obstacle, allowing radiologists to effectively incorporate R2 ImageChecker CAD into their reading workflow.

DICOM 6000 Interface applies R2 ImageChecker CAD marks as an overlay within digital mammograms. ImageChecker CAD indicates the presence of calcification clusters, masses, and masses with calcifications by placing RightOn™ CAD marks over regions-of-interest.

DICOM 6000 Interface supports:

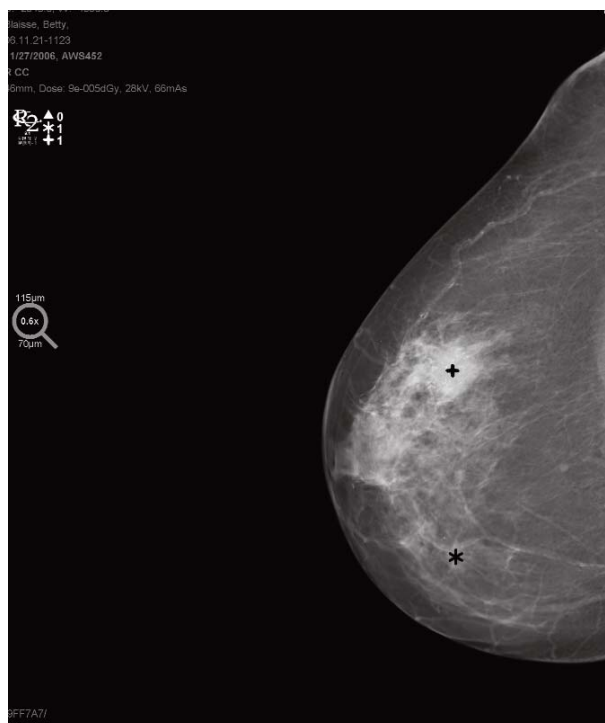
- Easy integration with most PACS
- Use of established PACS features for DICOM 6000 overlay
- Toggle on/off display of CAD marks on most PACS systems

The PACS workstation must support:

- Display of images prior to display of DICOM 6000 overlay
- Display of DICOM 6000 overlay via a radiologist action

DICOM 6000 interface provides users with the option of storing CAD as an embedded graphic overlay or displaying the image in its original For Presentation state.

DICOM 6000 Interface is available as a complete system, including hardware and installation, or as software-only.



Example of an image generated by DICOM 6000 with two embedded CAD marks

DICOM 6000 Interface 1.1

Compatibility

- Fully DICOM 3.0 Conformant
- Compatible with most DICOM PACS and PACS workstations
- Tested on the following PACS systems:
 - GE Centricity
 - McKesson ALI
 - DR Systems Dominator
 - Fuji Synapse
 - Emageon
 - Philips/Stentor
 - Sectra

System Hardware Specifications

(Minimum Hardware Requirements)

CPU Type	Intel Xeon 3.0 GHz (2.0 GHz min)
Memory	2 GB DDR RAM, 533 MHz FSB
Hard Drive	80 GB
CD-ROM	52x
USB	2.0, 1 port min. free
SW	Microsoft Windows XP (SP2)
Ethernet	100/1000 base-T

System Hardware (sold separately)



Environmental Specifications

Ambient Temperature	Operating	+10°C to +35°C
	Non-operating	-40°C to +70°C
Relative Humidity	Non-operating	95%@+30°C non-condensing

Physical Specifications

Floor Standing	17.8 × 9.3 × 19 inches
	45.2 × 23.5 × 48.3 cm
Rack Mounted ¹	9.3 × 17.6 × 19 inches
	23.5 × 44.7 × 48.3 cm

Power Supply	670 Watt
US/Japan	100-120VAC, 6A, 50/60 Hz
EU	230VAC, 3A, 50/60 Hz

¹Order R2ACC-2902 Cenova International Kit if outside the United States

Safety and EMC Regulatory Compliance (Class A)

Region	Certification Safety and/or EMC	Regulatory Mark Safety and/or EMC
Australia/New Zealand	ACA, MED	C-Tick
Canada	UL / Industry Canada	cURus / ICES
China	CNCA	CCC
Europe	European Directives	CE
Germany	GS	NEMKO GS
International	CB Report/CISPR	N/A
Japan	VCCI	N/A
Korea	RRL	MIC
Taiwan	BSMI RPC	BSMI
United States	UL / FCC	cULus / FCC

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