



# Visually rich data to enhance patient care

Philips iSite Radiology and iSite Enterprise specifications

**PHILIPS**

# Minimum and recommended hardware and software requirements for optimal operation of Philips iSite PACS



## iSite Radiology specifications

	Minimum specifications	Recommended specifications
CPU <sup>1</sup>	Intel® Pentium® 4 processor 1.0 GHz	Intel® Core™ 2 Duo processor or higher
RAM <sup>2</sup>	1 GB	4 GB
Operating system	Windows® 2000	Windows® XP Professional SP3
Navigation monitor <sup>3</sup>	1024 x 768 resolution, 24-bit color with midrange graphics card	1280 x 1024 resolution, 24-bit color with midrange graphics card
Diagnostic monitors <sup>4</sup>	Optional: 1, 2, or 4 diagnostic displays (2, 3, or 5 megapixels)	2 or 4 diagnostic displays (2, 3, or 5 megapixels)

## iSite Radiology with advanced visualization

	Minimum specifications	Recommended specifications
CPU <sup>1</sup>	Intel® Pentium® 4 processor 2.0 GHz	Two Intel® Core™ 2 Duo processors or higher
RAM <sup>2</sup>	2 GB	4 GB or higher
Operating system	Windows® XP Professional SP3	Windows® XP Professional SP3
Navigation monitor <sup>3</sup>	1024 x 768 resolution, 24-bit color	1280 x 1024 resolution, 24-bit color; Graphics card: OpenGL 2.0 supported with at least 512 MB in x16PCI express slot
Diagnostic monitors <sup>4</sup>	Optional: 1, 2, or 4 diagnostic displays (2, 3, or 5 megapixels grayscale or 24-bit color)	2 or 4 diagnostic displays (2, 3, or 5 megapixels grayscale or 24-bit color)

<sup>1</sup> For quad monitor solutions or systems that drive 5 megapixel displays, we recommend dual processor workstations.

<sup>2</sup> Minimum RAM specification assumes no other applications are running on the workstation. For workstations used with other clinical applications such as image fusion or voice recognition engines, we recommend 4 GB.

<sup>3</sup> Recommended are the NVIDIA® Quadro® FX cards (FX 4500, FX 4600, FX 5500, FX 5600).

<sup>4</sup> Diagnostic monitors (either grayscale or color) must be DICOM calibrated for grayscale response.

Specifications for versions 3.6 and 4.1



### iSite Enterprise specifications

	Minimum specifications	Recommended specifications
CPU <sup>1</sup>	Intel® Pentium® 4 processor	Intel® Core™ 2 Duo processor or higher
RAM <sup>2</sup>	512 MB (Windows 2000) 1 GB (Windows XP)	2 GB
Operating system	Windows® 2000	Windows® XP Professional SP3
Internet browser	Microsoft Internet Explorer 6.0 SP1	Microsoft Internet Explorer 7.0
Monitor <sup>3</sup>	1024 x 768 resolution, 24-bit color	1280 x 1024 resolution, 24-bit color

### iSite Enterprise with advanced visualization

	Minimum specifications	Recommended specifications
CPU <sup>1</sup>	Intel® Pentium® 4 processor 2.0 GHz	Two Intel® Core™ 2 Duo processors or higher
RAM <sup>2</sup>	1.5 GB	4 GB
Operating system	Windows® XP SP3	Windows® XP Professional SP3
Internet browser	Microsoft Internet Explorer 7.0	Microsoft Internet Explorer 7.0
Monitor <sup>3</sup>	1024 x 768 resolution, 24-bit color	1280 x 1024 resolution, 24-bit color; Graphics card: OpenGL 2.0 supported graphics card with at least 512 MB

<sup>1</sup> For quad monitor solutions or systems that drive 5 megapixel displays, we recommend dual processor workstations.

<sup>2</sup> Minimum RAM specification assumes no other applications are running on the workstation. For power users who plan on viewing large multiframe data series or cine clips, we recommend 2 GB RAM.

<sup>3</sup> Recommended are the NVIDIA® Quadro® FX cards (FX 4500, FX 4600, FX 5500, FX 5600).

Specifications for versions 3.6 and 4.1

Lossy compressed mammographic images and digitized film screen images must not be reviewed for primary image interpretations. Mammographic images may only be interpreted using an FDA approved monitor that offers at least 5 Mpixel resolution and meets other technical specifications reviewed and accepted by the FDA.

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