Gear View QC

Technical Specifications

LX-DOC-GVQC2.3.1-TS-EN-REVB

Regulations and Compliance

International Sponsors

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What is Gear View QC?

Gear View QC is a PACS QC program for correcting common mistakes in DICOM image data. It provides functionality for viewing, importing, editing, printing, and sending DICOM studies to PACS/EHR.

Gear View QC includes the following functions.

- Editing patient demographics and study details
- Reassigning studies and series
- Editing DICOM fields at the image, series, study, and patient levels

Gear View QC is intended for use by PACS administrators, physicians, and clinical staff. Users must understand the DICOM image format, as well as the clinical application of the images they modify. The following lists the minimum system requirements for Gear View QC.

Technical specifications

Minimum requirements

The minimum hardware and operating system requirements are provided in the following table.

	Gear View QC Server	**Gear View QC Client**
Processor	Intel Core Duo	Intel Core Duo
Memory	4 GB	4 GB
Disk Space	80 GB	80 GB
Operating Systems	• Windows 7 Professional, SP 1, x32/x64 • Windows Server 2008 R2 • Windows Server 2012 R2	• Windows 7 Professional, SP 1, x32/x64 • Windows 8.1 Professional, 64-bit • Windows 10
Display	1024 x 768, 32-bit color	1024 x 768, 32-bit color
Network Interface	10/100/1000 Mbps	10/100/1000 Mbps
Network Protocol	Standard network connection to DICOM devices and RIS system (if available)	Standard network connection to DICOM devices and RIS system (if available)

Minimum requirements for large videos and series

The minimum hardware and operating system requirements are provided in the following table. The minimum hardware and operating system requirements for compressed videos and series of 100 MB or more, and uncompressed videos and series of 1 GB or more that differ from the table above are provided in the following table.

	Gear View QC Server	**Gear View QC Client**
Processor	Intel i5 Quad Core	Intel i5 Quad Core
Memory	8 GB	8 GB
Disk Space	250 GB	250 GB
Operating Systems	- Same as above -	- Same as above -

Antivirus exclusion recommendation

This application supports passive antivirus scans. You must ensure that passive scanning of the server conforms to the security policy at the installation site. Real-time scanning is allowed, but you must configure the antivirus program to exclude the following folders.

- C:\Program Files (x86)\Lexmark\Gear View QC\Service\Images
- C:\Program Files (x86)\Lexmark\Gear View QC\Service\Jobs
- C:\Program Files (x86)\Lexmark\Gear View QC\Service\Logs
- C:\Program Files (x86)\Lexmark\Gear View QC\Service\Rawcap

Windows patches and updates

You can install all standard Microsoft security patches and updates on the system unless your support representative notifies you not to do so.