

Quentry | Technical Specifications

QUENTRY.COM

Securely access, share, and view medical data on the web. A supported web browser and Internet connection are required in order to use this service.

CLIENT REQUIREMENTS

Operating System	Microsoft Windows Vista, 7 or 8. , MAC OS 10 or higher Microsoft Windows 10 with Internet Explorer 11 (Edge Browser not supported)
Web Browser (Windows)	Microsoft Internet Explorer 9 or higher (HTML Viewer does not support IE9) Mozilla Firefox 50 or higher Chrome 48 or higher
Web Browser (Mac OS X)	Mozilla Firefox 50 or higher Apple Safari 8 or higher
RAM	2 GB minimum
Software	Enable WebSockets protocol for the HTML Viewer to use two-way communication
Mouse	Scroll-wheel recommended
Display	1024 x 768 minimum resolution
Connection Speed	2 Mbit/sec upload/download minimum
Firewall	Open Outbound Port 80/443 (HTTP/HTTPS) with access to https://*.quentry.com
Cookies	Enable cookies (more details can be found in FAQ)

DATA COMPATIBILITY

DICOM modalities	MR, CT, PET, CR, DX, ECHO, US, VL, SC, OT (for more details please see DICOM Conformance Statement)
Other file types	JPG, PNG, BMP, PDF, PPT, DOC, TXT, XLS, CSV, MP4, XML, STL, ZIP.

The above mentioned file types can be uploaded using the web-based upload function (quentry.com), while upload of additional file types are supported using Quentry Desktop (see following page).

DICOM image formats	Multi-frame and single-frame 8- or 16- bit grayscale, signed and unsigned 8 bit RGB and YUV, unsigned 8- or 16-bit palette color, signed and unsigned Little and Big Endian encoding RLE compression JPEG Lossless compression JPEG Lossy compression for 8-, 12- and 16-bit JPEG2000 Lossy compression JPEG2000 Lossless compression
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QUENTRY DESKTOP

Import and upload from local files, DICOM CDs, and PACS. Download and export to your workstation or PACS. An Internet connection is required in order to use this application.

CLIENT REQUIREMENTS

Operating System	Microsoft Windows 7 or higher
RAM	2GB minimum, 4GB recommended
Software	Microsoft .NET Framework v3.5 SP1 or higher
Storage	10GB available disk space (minimum)

INTERNET SETTINGS

Connection Speed	2 Mbit/sec upload/download minimum
Firewall	Open Outbound Port 80/443 (HTTP/HTTPS) with access to https://*.qentry.com

DATA COMPATIBILITY

DICOM modalities	Multiple including MR, CT, PET, CR, DX, ECHO, US, VL, SC, OT (for more details please see DICOM Conformance Statement)
Other file types	JPG, PNG, BMP, PDF, PPT, DOC, TXT, XLS, CSV, XML, STL, XBRAIN, and ZIP.
DICOM services	Storage, Query/Retrieve, DICOM media

By default, DICOM images are transferred in their original format. JPEG Lossy compression may be optionally selected upon upload. Imported JPG, BMP and PNG images are converted to DICOM format when imported for optimal viewing using Qentry's web-based viewing applications.

DOWNLOAD INSTRUCTIONS

The Qentry Desktop application can be found on the Applications page on qentry.com and can be downloaded for free by all Qentry users. Certain features may require additional licensing. Please review installation instructions provided in the Qentry Desktop User Guide prior to installation.

An Internet connection is required in order to use the application. Qentry Desktop will automatically check for updates when started.

QUENTRY GATEWAY

Search and import from PACS, or export from PACS and imaging modalities for upload to Qentry. Download and store to PACS from Qentry. An Internet connection is required in order to use this application.

SERVER REQUIREMENTS

Operating System

Microsoft Windows Server 2008, 2008 R2, 2012 R2, 2016
Microsoft Windows 7 or higher
Application of all critical updates and hotfixes is highly recommended

RAM

2 GB minimum, 4 GB recommended

Software

Microsoft .NET Framework v4.0 or higher
Internet Information Services (IIS) - Optional
Windows Communication Foundation HTTP Activation - Optional
Windows Communication Foundation Non-HTTP Activation - Optional

Storage

10 GB available disk space (minimum)

INTERNET SETTINGS

Web Browser (Optional)

Microsoft Internet Explorer 9 or higher
Mozilla Firefox 50 or higher
Google Chrome 48 or higher
Apple Safari 8 or higher

Connection

2 Mbit/sec minimum, 10 Mbit/sec

Firewall

Open Outbound Port 80/443 (HTTP/HTTPS)
with access to https://*.qentry.com

DATA COMPATIBILITY

DICOM modalities

Multiple including MR, CT, PET, CR, DX, ECHO, US, VL, SC, OT
(for more details please see [DICOM Conformance Statement](#))

DICOM services

Storage, Query/Retrieve, DICOM media
DICOM images are transferred in their original format.

DOWNLOAD AND INSTALLATION

Qentry Gateway is downloadable by Administrators of Qentry Business Accounts from the Applications page on qentry.com; optional installation by Brainlab is available. Please review installation instructions provided in the Qentry Gateway User Guide prior to installation.

If the Gateway Web Application and Gateway Service are installed on separate systems, **port 5200** must be opened between the hosts (5200 port is set as default, it is configurable).

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