

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 10 MAC OS 10 or higher
Web Browser (Windows)	Microsoft Internet Explorer 11 or Edge Mozilla Firefox 80 or higher Chrome 85 or higher
Web Browser (Mac OS X)	Mozilla Firefox 80 or higher Apple Safari 14 or higher Chrome 87 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 10 or higher
RAM	2GB minimum, 4GB recommended
Software	Microsoft .NET Framework v4.5 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 2012/2016/2019 Microsoft Windows 10 or higher All Microsoft critical updates and hotfixes must also be installed using Windows Update
RAM	2 GB minimum, 4 GB recommended
Software	Microsoft .NET Framework v4.5 or higher Internet Information Services (IIS) 7 / 8 or higher - 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 10 or higher Mozilla Firefox 80 or higher Google Chrome 85 or higher Apple Safari 14 or higher
Server OS	UAC must be disabled prior to installation using this procedure
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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