

remoteyesuite v3

Web-enabled / cross-platform / cross-device DICOM viewing and distribution solution



Distribute and view medical images
anywhere, anytime, on any device!

Looking for a viewing solution for your medical images?

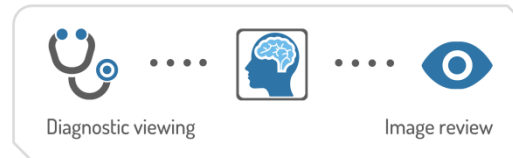
RemotEye Suite represents a very complete solution for all your medical image viewing needs. It offers full DICOM compliance, web-based architecture, cross-platform compatibility, support for a wide variety of devices, including desktop computers, tablets and smartphones.



Need a diagnostic viewer? Or a simpler image review tool?

RemotEye Suite includes software modules for diagnostic-level medical image viewing and reporting on desktop computers/workstations (*RemotEye Viewer*), as well as modules targeted to clinical review of medical images on desktops, tablets or smartphones (*RemotEye Lite*).

RemotEye Viewer is a full-featured, regulations-compliant, certified, diagnostic-level DICOM medical image viewer. RemotEye Lite is a zero-footprint, HTML5-based, cross-device, fast, easy-to-use, DICOM image viewer targeted to review of medical images.



Works on desktops, tablets, smartphones

Cross-platform compatibility is a must for all RemotEye Suite's software modules: RemotEye Viewer is compatible with Windows, macOS and Linux desktop clients, while RemotEye Lite works on any HTML5-capable platform, including last-generation web browsers, Android tablets and smartphones, Apple's iPads and iPhones. What does this mean for the user? It means that he will always be able to access the relevant DICOM images, no matter the device or platform being used.

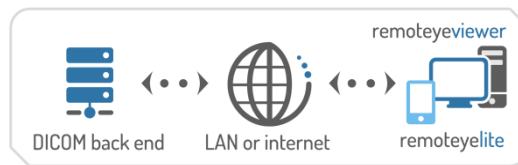
No more technological barriers!



Accessing DICOM images through the LAN or through the Internet

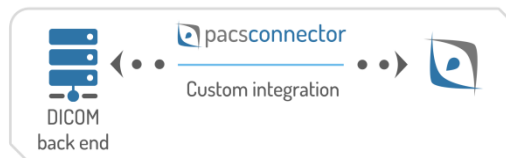
The architecture of RemotEye Suite's software modules is fully web-based. This means that, with the appropriate permissions, users are able to access to DICOM viewing functionalities wherever they are, both from within the hospital's or medical center's DICOM network, and from remote locations. No matter the particular client computer or device being used, it is always possible to load RemotEye Suite's software modules and view medical images. The web-based architecture has also many benefits in terms of ease of software

maintenance: software updates are applied to the server, and they automatically propagated to all clients.



Ready-to-use DICOM viewing solution? Or custom DICOM viewing component?

RemotEye Viewer and RemotEye Lite can seamlessly integrate with any DICOM-compliant server (typically, a PACS server), thus providing immediate, web-based, cross-platform, cross-device image viewing functionalities to any existing third-party system. This seamless integration may happen through the PACSConnector software module, also part of RemotEye Suite, which acts as a bridge between the DICOM world and the HTTP/HTTPS-based protocols supported by our viewers. On the other side, RemotEye Suite has been designed to be also integrated into third-party custom solutions. A complete and documented integration interface is available, allowing any third-party external web-based application to embed and drive RemotEye Viewer and RemotEye Lite in a variety of different modes.



Robust, reliable, supported, certified

NeoLogica has more than 15 years of experience in the medical imaging and DICOM fields. Over all these years, RemotEye Suite has been continuously improved and enriched with new functionalities. Choosing RemotEye Suite means choosing a robust, highly-reliable, hassle-free, professionally-supported, regulations-compliant DICOM viewing solution.



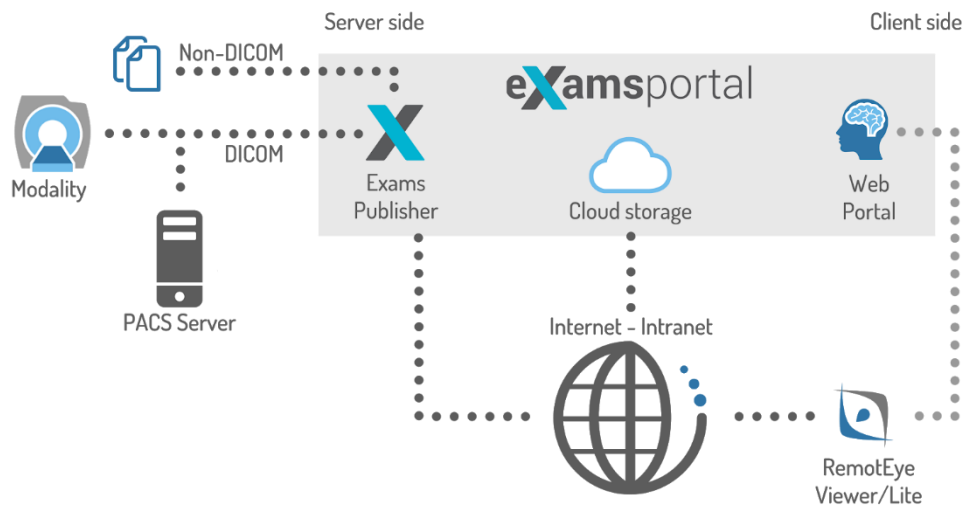
Need to distribute and publish exams to an online portal?

Thanks to the *Exams Portal* software module, RemotEye Suite can be effectively used to publish and distribute DICOM images and reports to the cloud, for an online access and review by patients, referring physicians or other entities. Exams Portal can seamlessly integrate with your existing DICOM infrastructure: in a matter of minutes, you will be able to create an online portal for any medical institution, where DICOM images and related DICOM and non-DICOM content (e.g., reports) will be accessible by authorized users only. Advanced online image viewing is supported thanks to our web-based DICOM viewers, RemotEye Viewer and RemotEye Lite.

Exams Portal can complement or completely replace traditional exams distribution methods, for instance based on DICOM CDs / DVDs.

Exams Portal relies on a high-end cloud infrastructure, based on Amazon S3 cloud storage and fully HIPAA-compliant cloud-based portal servers.

Strict privacy and security policies are adopted, and all exchanged data are encrypted, both in transit and at rest, according to the best industry standards.



remoteyevier: technical features

- ❖ Cross-platform DICOM image viewer: can run on Windows and macOS.
- ❖ Supports virtually all kinds and encodings of DICOM image files.
- ❖ Supports stream-based lossless compression schemes.
- ❖ Window/level, zoom, rotation, flipping, pseudo-coloring, enhancement filters on images.
- ❖ Advanced distance, area, angle and density measurement tools (including SUV for PET images), plus several graphical annotation tools.
- ❖ Cine-playback of multi-frame sequences.
- ❖ Hanging Protocols, with multiple hanging steps for each protocol.
- ❖ Supports Breast Tomosynthesis and Echo Stress studies.
- ❖ Reference lines (scout lines) and 3D localizer cursor for MR and CT studies.
- ❖ Fully-configurable text overlays and keyboard shortcuts.
- ❖ Supports display of Mammo CAD SR markers.
- ❖ Multi-planar reconstruction (MPR), both orthogonal and oblique, with thick slab support on 2D views (MIP, MinIP, AvgIP modes).
- ❖ Thick slab mode on original series (MIP, MinIP, AvgIP modes).
- ❖ Interactive 3D Volume Rendering, with several built-in presets for CT and MR volumes.
- ❖ Cloud-based peer-to-peer image sharing functionalities.
- ❖ Print to standard printers or to DICOM printers, with interactive WYSIWYG print composer.
- ❖ Reporting functions: support for DICOM Structured Reports (SR), plain text reports, voice reports.
- ❖ Supports DICOMization of non-DICOM images (JPG, PNG, GIF, TIF, BMP), PDF documents and screenshots of viewer's panels (including 3D and MPR renderings).
- ❖ Export images in DICOM (incl. PS and KI), JPG, PNG, JPEG-2000 and AVI formats to server and local.
- ❖ DICOM CD/DVD creation functions, with embedded cross-platform viewer.
- ❖ DICOM anonymization features on DICOM export and DICOM CD/DVD creation.
- ❖ DICOM send to DICOM peers.
- ❖ Supports multi-monitor configurations.
- ❖ Flexible and powerful integration interface towards third-party applications.
- ❖ Multi-language GUI.
- ❖ FDA-cleared as a class II medical device.
- ❖ CE-marked as class IIa medical device.

remoteyelite: technical features

- ❖ Runs on any HTML5-capable device, including Apple iOS, Android or Windows tablets and smartphones, as well as in any modern desktop web browser.
- ❖ Resolution and quality of images can be customized for each kind of client device. Lossless renderings are supported.
- ❖ Can display virtually all kinds and encodings of DICOM image files.
- ❖ Supports searches on studies.
- ❖ Multi-study display interface, supporting custom tiling, comparison with priors and more.
- ❖ Hanging Protocols, with multiple hanging steps for each protocol.
- ❖ Interactive image stacking, window/level, zoom, pan, rotation, flipping.
- ❖ Reference lines and synchronized scrolling among related series, also through 3D cursor.
- ❖ Distance, area and angle measurement tools.
- ❖ Supports download of the original DICOM files of each study (ZIP archive).
- ❖ Supports cine-playback of multi-frame sequences.
- ❖ Supports display of DICOM SR and Encapsulated PDF.
- ❖ CE-marked as class IIa medical device.



ABOUT NEOLOGICA

NeoLogica is an ISO 9001 and ISO 13485-certified company designing and developing **advanced software solutions in the medical imaging field.**

NeoLogica was founded in year 2002 by a small group of engineers, with the objective of specializing in the **DICOM environment.**

Today we have a complete product line in the medical imaging domain, made up of DICOM-compliant software modules that **we developed from the ground up.** We believe this is a great value when it comes to supporting customers, since it allows us to react in the fastest and most efficient way to any kind of request.

We have **customers all around the world**, including Europe, North America, Latin America, Australia, Asia, Africa.

Our job is effectively described by the words **Research** and **Development**: we believe Research is the only mean to obtain a real technological progress and to get superior products from the technological point of view. At the same time, we strive to guarantee that Research leads to concrete results, that we can embed into our products: thus Research feeds Development, in order to obtain advanced and better products that are also easy to use.

The professionalism and skills of our human resources are our fundamental values; exceeding customers' expectations with our products is our main objective.

The logo for NeoLogica, featuring a stylized red 'n' followed by the word 'eologica' in a lowercase, sans-serif font.

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