



# eViewer

## A window on the patient's clinical history

**eViewer** is the Exprivia solution for consulting patient clinical data such as radiographic images, biometric traces, videos and reports stored in the centralized PACS system. Thanks to the integration with Artificial Intelligence systems, eViewer is able to display images analyzed with this technology and to highlight the position of the lesions detected as heat maps and/or contour maps. Thanks to **eViewer**, the distribution of such data will be possible both inside the health facility (between departments) and outside (on the territory), ensuring the security of access and respect for privacy.



## Features

The **HTML5 technology** with which **eViewer** was developed does not require installation and makes it usable on any support (**PC, Tablet, Smartphone**), even in mobile mode, and on any operating system (**Windows, Linux, MacOS, IOS, Android**) with graphical interface that automatically adapts to the device.

The types of data and formats supported include: **DICOM** images and videos, **MPEG4** videos, **SR** documents and **PDFs**. **eViewer** supports all major browsers (**Google Chrome, Mozilla Firefox, Apple Safari, Microsoft Edge**).

Access to data with **eViewer** takes place in **HTTPS** mode, ensuring security in activating the viewer and transmitting information.

**eViewer** also allows the management of privileges for the various user profiles: for example, a general practitioner will be able to consult the list of reports of one of his patients and view further diagnostic documents.

**eViewer** can be invoked by third party applications (e.g. medical record, repository, RIS, departmental) to which context filters are provided, for example for single exam or patient history. Alternatively, the user can select the cases of interest in a dedicated search window.

**eViewer** is natively integrated with **eArchive, eRepository, eRis, eLifeCare, eWard** systems.



## Functionality

**eViewer** allows the consultation and processing of diagnostic images and clinical documents with the following functions:

- Search exams from one or more archives;
- Window / Level to modify the settings of the gray values of the images;
- WL preset, to add the current Window / Level settings to the favorites menu;
- Zoom: Forward, Back, Fit, Pixel-to-Pixel, Lens;
- Pan, for the selection and alignment of the image;
- Rotation, Mirroring;
- Measurement of angles, distances, areas;
- Point intensity values;
- Text annotations;
- Series and Images Layout;
- Synchronized stack navigation, to scroll through the image sequence;
- Reference lines;
- CINE tools for Multiframe and MPEG video;
- Image annotations of demographics, exam and technical information for secure identification;
- Anonymized display;
- Comparison with previous studies;
- Display of reports from RIS;
- IHE integration API with calls in Patient (historical) and Exam context;
- Integration with specialist viewers.



The products: eArchive, eLifeCare, eRis/eVisit, eViewer, eWard, MedStation are CE<sup>0476</sup> (93/42 / EEC) certified Medical Devices of class IIA.

The complete list of certified model versions can be obtained by contacting Expri<sup>via</sup>.

eViewer is included in the e4cure suite in the AGID catalogue of qualified SaaS services.

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