

Perennity®

iMAGE PORTAL

More than just a
DICOM web viewer



Share & Exchange your Medical Images

Features

- Integrates MedDream*, a full-featured web DICOM Viewer
- Enhanced Tool Set
Zooming, windowing, panning, rotating, reference lines, and measurement tools
- MPR (Multi-Planar Reconstruction)
- Support for Multiple Monitors
- Study Comparison (even from different patients)
- DICOM Video
- DICOM ECG/EKG
Electrocardiogram - optional
- Integrated Report Writing
optional
- Image Download
DICOM/JPEG/MP4
- Study forwarding (DICOM)
- Easy Management of Access Rights
- Email Notification workflow

Perennity iMAGE Portal is a web based solution to share medical images, videos and reports. Make them instantly available anytime, anywhere to patients, physicians, radiologists or any other authorized user using any web browser, tablet, or smartphone. Simply upload these medical assets to your iMAGE Portal, directly from any modality, workstation or PACS.

All medical image data transfers are highly secure, using advanced technologies like SSL and AES to encrypt your valuable and confidential data. Images are also greatly compressed to speed up the transfers, without incurring any quality loss (by the use of lossless compression).

iMAGE Portal integrates Meddream*, a diagnostic grade web viewer for medical images.

iMAGE Portal comes with every Perennity AccessBox, our all-in-one appliance to store, share and transfer medical images. The AccessBox Embedded can be hosted on a Synology NAS system for up to 20 users. For larger environments, the AccessBox Enterprise can be installed on a MS Windows Server and can be scaled to support an unlimited number of portal users.

iMAGE Portal can be used in the local network (LAN) to provide internal site access to clinicians inside your own networked facility. iMAGE Portal can also be accessible from the outside, providing fast access to patients, physicians, radiologists, and all other authorized users. Additionally, you are able to host the iMAGE portal in the cloud, using any Internet service provider.

iMAGE Portal seamlessly integrates with Perennity DICOM, our other powerful software solution to manage Disc robots to output patient discs and/or USB drives. You will have the ability of publishing images to optical media (CD/DVD/BD), USB, iMAGE Portal or all.



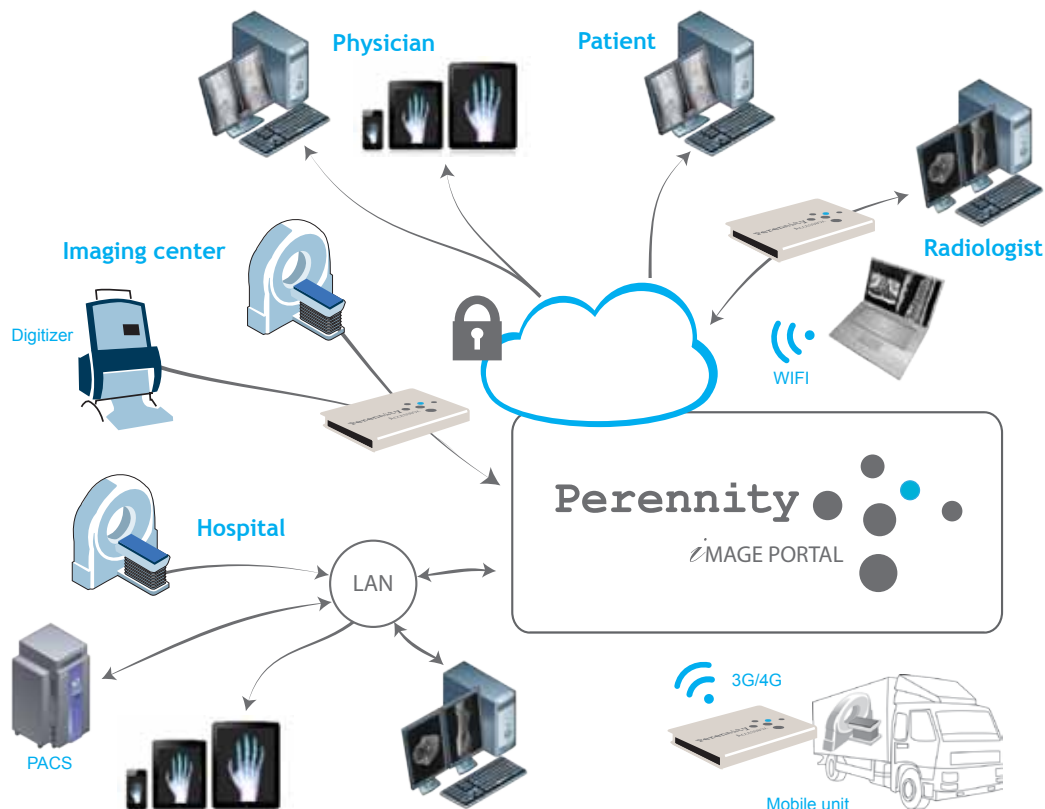
Benefits

- Supports any web browser, zero footprint (no client-side installation)
- Support for all Android and iOS tablets and smartphones
- Multilingual interface support
- Concurrent user licensing
- Can be hosted anywhere (local facility or service provider)
Affordable
- Secure

Requirements

iIMAGE Portal hosting
 AccessBox Appliance
 AccessBox Embedded
 AccessBox Enterprise
 Perennity DICOM Level 2 or 3
 version 5.x or higher
 Client support
 Internet Explorer 6-11
 Chrome
 Safari
 iOS
 Android

How it works ...



DICOM images, videos and reports are uploaded to the iIMAGE Portal server directly from modalities, workstations or PACS. The server can be either installed in the hospital facilities or hosted by an Internet Service Provider. All transfers are securely encrypted and the data is lossless compressed for fast transmission.

Once uploaded, patients will get instant access to their studies by logging into the portal using the provided accession number or study ID and their birthdate. A patient can also share this information with any doctor to offer him or her access to the studies. Both patients and doctors can register as users of the iIMAGE Portal. After validation of their account by email, they may log in using their email address and the password they have set. Patients and doctors can always add studies to their account by providing the accession number (or study ID) and birthdate associated to those studies. Once a Patient shares a study with his doctor, all future studies will automatically be accessible to both of

them. Administrators and operators of the iIMAGE Portal can manually provide immediate access to other physicians, as well. Radiologists will typically have full access to all studies.

The iIMAGE portal is accessible from a host of devices, including any Windows, MAC or Linux PC, tablets running iOS, Android or Windows and most smartphones. The user-friendly web based viewer will show the series of images that can be manipulated using an enhanced set of tools. If a diagnostic report is available, it will show up first for the convenience of the patient and physician. An optional Report module allows you to write and add a report to any study. All operations are obviously logged.

iImage Portal offers more than viewing functionality. Images not only can be printed, but also can be downloaded in either native DICOM format or as JPEG (images) or MP4 (video) files. Radiologists can even perform a DICOM transfer studies to a connected or remote workstation or PACS.

Partner

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