Medweb vPACS™

Offsite Hosted Pacs And Teleradiology

KEY BENEFITS

- Medweb Hosted Platform
- Software-Based DICOM Archive
- HIPAA Compliant Integrated VPN Engine
- Firewall Bypass Via HTTP
- DICOM Modality Worklist
- Automated DICOM Header Remapping
- Facility Identifier
- HL7-Compliant Report Receiver and Database
- Page Scanner Interface
- HL7 Interface to EHR/EMR
- Scriptable Routing
- Optional Off-site Archiving
- Web-Portal Access

Medweb vPACS is a hosted web-based platform enabling hospitals, clinics and imaging centers to automate DICOM studies and implement a paperless teleradiology workflow. Utilizing a client-side, downloadable Web interface, Medweb vPACS improves efficacy at no licensure cost and ensures EHR/EMR compliance—an essential building block in "one-record" patient care.

The Medweb hosted offering is a flexible turnkey solution, enabling complete workflow for a unified enterprise. Unparalleled network security aligns with DICOM and HL7 protocols to provide remote user devices with the same features and functionalities as an on-premise platform.

The SSL-based Medweb vPACS gateway frees the enterprise from capital expenditures and satisfies client-side requirements on remote user devices. Medweb vPACS supports target applications and policies enabling users to bypass VPN authentication and integrate with existing network services and identities.
Medweb Vpacs™

Offsite Hosted Pacs and Teleradiology
(Hospitals, Clinics, Imaging Centers, Private Offices)

Product Features

Medweb vPACS provides automatic encryption, identification, compression, demographics, and report delivery into a single, HIPAA-compliant Internet gateway and short-term PACS.

For hospitals, clinics and imaging centers that have various forms of digital imaging devices but interact with facilities that have no PACS, Medweb vPACS links these facilities to the enterprise while also providing an off-site archive solution. A short-term archive of all reports and images is stored on the Medweb vPACS so that copies of any study, report, or billing information can be retrieved from the local server.

Secure Dicom Gateway
Medweb vPACS is a client-side, windows-based PACS system that automates teleradiology workflow throughout the enterprise. Specifically Medweb vPACS automates the retrieval of DICOM studies, their demographics, and billing information.

Medweb vPACS also serves as a local PACS for the customer site that caches studies and reports to local storage in addition to providing options for remote archive, Web access, and patient portals.

Integrated Document Workflow
Instead of faxing demographics and billing information, scanned documents can be uploaded via a TWAIN-compliant scanner. The scanned documents automatically become part of the DICOM study. Medweb vPACS forwards the compressed documents and images together in a HIPAA-compliant manner.

Dicom Remapping
Medweb vPACS includes the functions of DICOM routers that cost thousands of dollars; remaps header and AE title information; and inserts institution name, referring physician name, and phone number into the DICOM header.

Modular Design
Medweb vPACS enhances clinical, administrative, and operational functions while delivering advanced radiology workflow. The modular design of vPACS enables hospitals, imaging centers and clinics to easily add the optional RIS, 3D viewing and any other Medweb platform currently available. Advanced 3D multi-planar visualization and state-of the art radiology software combines with vPACS to provide the ultimate in patient care. Due to the Web-based nature of vPACS, integration with a wide array of third-party systems is also easily achieved.

Ease of Experience
Endpoint security and admission controls are inherent in Medweb vPACS to avoid VPN compromise and overcome common deployment barriers. The overall experience is simple, streamlined, and provides an integral component to patient health-record implementation.

Hospitals, imaging centers, and clinics who purchase a Medweb server with the Medweb vPACS gateway engine may download unlimited copies of the Medweb vPACS gateway. There is no charge for the Medweb vPACS gateway licensing.

Medweb is an optional component of every Medweb PACS.