Mach7 eUnity Enterprise Viewer

Mach7's eUnity Enterprise Viewer (EV) is a unique zero-footprint viewing and integration software platform that sets the foundation for an unrestricted enterprise where all users have access to diagnostic imaging data from various data sources, viewable on web-enabled devices from nearly any location. eUnity provides the power of a PACS workstation in the body of a zero-footprint viewer.

Its back-end integration engine is the power that knows where and how to find images, including relevant priors and clinical content from various vendor sources, while the front-end viewing framework presents the images with superlative functionality that meets the distinct clinical performance needs of multidisciplinary users.

The outcome? **Mach7's eUnity can be used for enterprise viewing by all clinicians, referring physicians, and specialists while providing complete diagnostic interpretation capabilities for radiologists, including sub-specialties like mammography.** These capabilities position it as an essential component in a vendor neutral enterprise strategy that strives to make flexibility its hallmark.

Key Features Include:

- Zero-footprint diagnostic-quality clinical viewing
- Mobile device support
- Image access from various data sources
- EMR image enablement
- Intuitive admin tools
- Fast, reliable performance
- Communicate to DICOM and non-DICOM content
- Support for digital breast tomosynthesis (DBT), echocardiograms, ECG waveforms & more
- Collaboration in real-time

MACH7
Independence through Innovation

eUnity's flexible design allows it to standardize visualization for clinicians across the enterprise, helping reduce complexity, resources & costs.

Free of specialized hardware – As a zero-footprint universal viewer, eUnity does not require specialized hardware, such as GPUs. This can reduce immediate upfront costs, long-term maintenance costs and remove failures.

Diagnostic-quality images, all of the time – eUnity presents diagnostic-quality images, even during image manipulation and navigation like scroll, zoom, and pan. The result is an enterprise viewer with the performance of a PACS workstation, which can provide positive clinical and regulatory benefits.

Effectively handles network latency – Speed is important when accessing images, and network latency is often a hindrance. eUnity is designed to minimize network latency and optimize the user experience.

Seamlessly integrates with your existing systems – eUnity can integrate and federate multiple disparate systems, providing you with more flexibility on deployment & downtime strategies. It also ensures access to the most recent study available from these systems in an aggregated view.

Unparalleled scalability – As a zero-footprint universal viewer, eUnity was specifically designed with the flexibility to adapt to your changing organizational needs and scale as required.

Rich toolset for enterprise & diagnostic users – eUnity supports a wide array of features and image types, such as hanging protocols, MIP/MPR and 3D, multiple monitors, saving & displaying GSPS objects, smart measurement tools, digital breast tomosynthesis, ECG waveforms, and US echocardiograms.
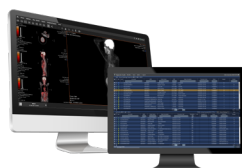
Our Solutions

Enterprise VNA

eUnity Viewer

Mach7 PACS

Mammography

Teleradiology

About Mach7

From our founding in 2007, Mach7's focus has been developing solutions to address healthcare's greatest challenges at the enterprise level. With our innovative image viewing and data management technology, we offer an integrated end-to-end enterprise imaging solution designed to meet the challenging patient imaging and informatics needs of healthcare providers across the globe. Our products are built to offer the flexibility and independence to adopt individual components, as needed, over time to advance imaging transformation and drive better patient health outcomes.

MACH7
Independence through Innovation

120 Kimball Ave., Suite 210
South Burlington, VT 05403
Phone: +1.802.861.7745
mach7t.com

Note - Please visit mach7t.com for full details on regulatory for Mach7 Products