


Enterprise Imaging Solution

 MACH7

Transforming healthcare through
imaging innovation and independence



A collage of various medical CT scan images, including head, spine, and chest scans, arranged in a grid-like pattern with a blue and green diagonal overlay.

Healthcare IT vendors make many claims today, but when their legacy solutions are put to the test, they often fail to deliver. Mach7 is different. We partner with you to guide your transformation to an open, vendor neutral, integrated healthcare enterprise.

Mach7 gives you the tools to act as one organization with a common goal:
improving patient care

The healthcare industry today has a big challenge: linking the various independent departmental systems that can be found throughout the enterprise.

Picture Archiving and Communications Systems (PACS) were undoubtedly a huge leap forward as they helped to digitize

medical records, however as the technology has matured, its shortcomings have become clear. PACS were not designed to support modern care delivery. Their locked-down, legacy technology makes it difficult—if not impossible—to fully leverage innovative technologies and novel strategies to improve outcomes, drive quality, and

accelerate growth. Without a bridge from incumbent imaging systems, many organizations have found their digital transformation held captive.

Many vendors have tried to address this by adapting their existing systems, but this approach is not good enough to solve the complex issues organizations face today.

What are the pervasive imaging problems that — until now — have gone unaddressed?



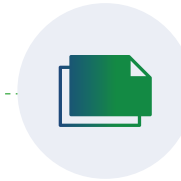
Increasing Resource Costs

The need to maintain several different data archives and viewers puts a higher burden on the IT architecture of healthcare facilities. Besides installing and maintaining hardware, IT teams are overwhelmed with maintaining complex software updates and downloads for multiple systems. This is causing the total cost of ownership to soar for many organizations.



Limited Data Access

Until this point, data archives in healthcare facilities have stood alone and have not promoted easy cross-departmental sharing of information. Without a full patient record, it is much more difficult to get an accurate and timely diagnosis and prescribe treatment. VNAs help, but most do not provide the ability to integrate to any system in the enterprise, regardless of origin.



Multiple Viewers to Manage

Up to this point, physicians, radiologists, and specialists have needed their own specialized viewers to view and interpret patient studies. These proprietary viewers, which are typically only accessible on dedicated workstations, increase hardware needs, disallows many users from working remotely, and makes remote reading inefficient.

These issues lead to organizational inefficiency, inflexibility, inhibited growth, and a high total cost of ownership.

Your enterprise imaging transformation starts here.

Healthcare providers now demand that their enterprise imaging solutions bring together storage, access and viewing under one umbrella to ensure clinicians have access to relevant patient medical information as well as the complete patient imaging history.

This is what makes Mach7 different. We have designed our solution from the ground up to give organizations unprecedented technology independence, flexibility, and interoperability so that nothing inhibits the flow of image data. Our vendor neutral enterprise viewing and integration platform uniquely meets the full spectrum of multi-disciplinary imaging needs across the healthcare organization.

Mach7 is not a typical solution vendor. We are your trusted partner on a journey to consolidate and enable access to all the imaging data in your enterprise — no matter how many departments or facilities you have. What's more is that we give you the flexibility to choose your destination, and we can get you there at your own pace.

In developing our solutions, we've...



Built the industry's leading zero-footprint viewer for clinical viewing and diagnostic reading — one viewer for all users with consistent quality and high performance.



Given you the flexibility to choose and work with new technology innovations without re-engineering.



Eliminated the need for heavy dedicated hardware with VMs that run thousands of users on one box.



Eliminated the healthcare IT industry's pervasive integration problem.



Enabled the highest performance of an enterprise imaging system in the healthcare IT market.

We have developed an enterprise-wide platform for storing, retrieving and viewing medical imaging data.

But what does that entail?

Enterprise Diagnostic Viewing

We have built the industry leading zero-footprint enterprise diagnostic viewing solution. It provides diagnostic quality and high performance 100% of the time, even for clinical viewing. It can be accessed on any device with an HTML5-enabled web browser, ending the need for dedicated workstations. And it's been designed to integrate with any PACS, VNA, or other image

archive and can launch from any EMR. All of this means you can have one single viewer for all of your users, drastically reducing cost and complexity while increasing access.



“Mach7’s ability to support the needs of every practitioner in the enterprise, including our radiologists, with its incredibly fast zero footprint image viewing capabilities is truly distinctive and allows us to move beyond the PACS to execute on our enterprise-wide image viewing strategy.”

— **Fred Peet**, CIO,
Yuma Regional
Medical Center

Enterprise Data Management

Enabling enterprise imaging data management is the next step beyond the viewer. With industry leading vendor neutral archiving and image data management capabilities, customers partner with Mach7 to consolidate all images and imaging data in a single location. This reduces system complexity, makes data more accessible, and unifies the entire patient record. Plus, we give you full control over your data by exposing the DICOM

attributes and giving you the ability to modify them, so data that was once proprietary in a traditional PACS now truly becomes “your” data. With Mach7, all it takes is one investment to level the playing field for all your users.

While other companies claim they offer Enterprise Imaging, Mach7 delivers on this promise. Our Enterprise Imaging Solution drives and supports workflows across

the enterprise to optimally capture, index, manage, store, distribute, view, exchange, and analyze all clinical imaging and multimedia content to enhance your patient’s electronic health record.




Enterprise PACS

Finally, we can take all of the advantages of the enterprise diagnostic viewing and enterprise data management solutions and add in a powerful, feature-rich worklist and quality control tools to replace your traditional PACS. You gain all of the benefits of a modern, integrated enterprise platform and add powerful tools like user-created worklists, intelligent workload balancing, color-coded relevant prior studies and more that save time, reduce frustration, and, ultimately, improve patient care.

In addition, we enable a powerful teleradiology solution that can be accessed anywhere to promote telehealth services and remote reading of studies regardless of geographic location.



Two radiologists in blue scrubs and surgical caps are looking at a computer monitor. The monitor displays a medical image, possibly a CT scan, with a red box highlighting a specific area. The background is a blurred clinical setting.

We help healthcare providers drive enterprise imaging forward in a strategic way, moving beyond technology deployment to achieving a mature strategy that includes all the structural building blocks of success.
Take it from our customers...



“When we migrated to Mach7, it became an instant game changer for our practice. The functionality of their viewer is extremely user-friendly for the radiologists but the speed of loading prior comparison images has greatly improved the efficiency of the RPA radiologists.”

— **Sam Merendi**, Administrative Vice President, Radiological Physician Associates (RPA)

“The implementation of Mach7 has added significant improvement in workflow and functionality for the diagnostic radiology team. The ability to access images from multiple PACS and databases and then view through a single interface for uniformity is the holy grail for our radiology group that is committed to providing meaningful diagnoses to referring physicians.”

— **Dr. Edward Gabriel**, Diagnostic Radiologist, Adventist Health Tulare

We are different in every way to legacy PACS vendors. Our solutions are built from the ground up to focus on clinical workflow, user efficiencies, and patient outcomes on an enterprise level. We also bring the independence organizations demand to manage costs and gain the most value from their IT investments.

All it takes is one conversation to show how the Mach7 Enterprise Imaging Solution can take you to the next level in your enterprise imaging transformation and bring unprecedented value to your organization.



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