MACH7
Independence through Innovation

Mach7 Technologies
is changing the way Healthcare Organizations think about Enterprise Imaging

"Mach7 streamlines your image data, connects your departments, and satisfies patient care stakeholders, all without disruption to the delivery of care. Our innovative solutions are designed to give you the independence you need to set your own course to enterprise imaging."

Mike Lampron, CEO

One aspect of healthcare that is often overlooked is the vast amounts of data that healthcare organizations, like hospitals and imaging centers, must contend with. As patient records became digitized, most healthcare organizations relied on picture archiving and communications systems (PACS) to capture, store, retrieve, and share medical images. PACS, which were developed primarily to serve the workflow and daily tasks of radiologists and cardiologists, have served for decades as an important evolutionary technology in a modern medical imaging enterprise. However, PACS have significant shortcomings in meeting the needs of the increasingly complex landscape healthcare organizations find themselves navigating today.

Historically, departments like radiology and cardiology have operated in relative isolation from one another. Information was not always freely shared between departments, and information that was shared was not guaranteed to be accurate, timely, or even useful to the physician or clinician at the point of care.

In a modern setting, medical image capture occurs in almost every corner of the hospital, and the number of images being captured and stored is rising at an exponential rate. At the same time, care providers are being pushed to improve patient outcomes and the quality of care delivered. For most organizations, the first step is creating a more complete medical history, achieved by amalgamating data quickly and easily, across

multiple disciplines, and making IT readily accessible anytime, anywhere, on multiple devices.

Legacy PACS systems are incapable of consolidating, archiving and sharing such massive amounts of patient information quickly, accurately, and securely. Accordingly, hospitals and healthcare networks are now looking to augment their legacy PACS with viewing, workflow and archiving solutions that can integrate with their current IT systems, unlocking the wealth of imaging data across their organizations and helping provide a more comprehensive patient record.

Mach7 Technologies is a healthcare data management and IT company seeking to transform healthcare through innovative

Mike Lampron | CEO

With over 20 years of experience in business and operational management for Healthcare IT companies, Mike's professional background is an impressive palette of experience in both healthcare imaging and IT. Before taking the helm at Mach7, Mike has held prominent leadership roles at firms ranging from start-up to well-established, national entities.

data management technologies. Headquartered in South Burlington, Vermont, Mach7 has gained traction in a highly competitive medical imaging market, with recent success attributed to their future-forward technology offerings for healthcare organizations coupled with unparalleled customer support.

Mach7's competitive strategy differs from other firms in the industry in that their answer to contemporary medical imaging challenges begins with their Enterprise Imaging Solution, which enables disparate imaging technologies to work together in harmony. Mach7 believes that to maximize efficiency and patient health outcomes, healthcare organizations need to own and control their data. Proprietary data formats and locked-down data archives, such as those found in traditional PACS, make it difficult, if not impossible, to consolidate imaging data in a manner that makes it useful to physicians and clinicians.

Unlike legacy PACS, Mach7's solution was conceived as an independent data management and enterprise viewing platform first. As a result, they can empower healthcare providers in three key ways:

- They support the customer in choosing the imaging solutions their clinicians prefer while adopting Mach7's advanced innovations (Enterprise Diagnostic Viewing Platform, Vendor Neutral Archive, Data Management, Workflow Applications) as needed, over time;

- They can leverage the IT investments healthcare organizations have already made through comprehensive interoperability and unmatched deployment flexibility, and;

- They allow the customer to own and better control patient data through Mach7's sophisticated workflow and data management capabilities.

Mach7's vision for the future of healthcare consists of an interconnected ecosystem of solutions that are highly efficient, agile, and communicative. They are helping their partners realize that future today by providing innovative tools and software functionality, enabling interoperability of key systems, increasing efficiency through comprehensive personnel training, and developing long-lasting partnerships. By working in concert with a healthcare organization's current imaging systems, Mach7 is able to seamlessly link patient information and imaging data together. This truly delivers upon healthcare's emerging need to better inform clinical decisions and achieve the best possible outcomes for patients.

Organizations that choose to pursue an overarching enterprise imaging strategy position themselves for long-term success and sustainability. Some tangible benefits include allowing for the adoption of new and emerging technologies, like artificial intelligence (AI) algorithms that can enhance workflow and potentially assist diagnosis; the ability to solve organization-specific, complex workflow issues, the potential to increase efficiency and reduce burnout; and cost savings achieved through reduced support and maintenance contracts on legacy systems.

Connecting the entire enterprise enables clinicians and medical staff to view and assess a patient's complete imaging history — from images acquired at traditional scanning devices in DICOM format such as CT's, MRs or mammography, to non-DICOM encounter-based images acquired from smartphones, surgical cameras, or point of care ultrasound.

Whether deployed as an enterprise and diagnostic viewing platform, data management solution, or PACS replacement, Mach7 removes the technology limitations that inhibit the free flow of patient information. Their breakthrough platform allows healthcare organizations to set their own course to enterprise imaging and provides extraordinary value through an unyielding customer focus, demonstrated by investments in customer service, communication, and advocacy.