

DOCPANEL • SUBSPECIALTY RADIOLOGY

Revolutionizing quality and coverage in remote mammography.

How DocPanel paired its subspecialty radiologist network with Mach7's eUnity viewer and VNA to deliver 100% cloud-based mammography reading — and double its weekly volume.

A workstation problem holding back remote reading.

DocPanel is a subspecialty radiology platform built to solve coverage shortages and burnout, connecting radiology departments to a network of 700 fellowship-trained radiologists for dedicated, remote coverage.

In 2022, DocPanel set out to give its fellowship-trained remote mammographers a better tele mammography reading experience. But mammography, CAD, and 3D tomography studies have historically forced hospitals to invest in costly, dedicated, on-site mammography workstations to manage the large data sets and high-resolution images these studies demand.

That hardware dependency has long been a substantial obstacle to remote reading — tethering specialists to a physical location and a single workstation.

At the same time, a nationwide shortage of breast radiologists is being exacerbated by rising breast imaging volumes. The result: delayed interpretations, radiologists asked to read more, and growing burnout, turnover, and diminished patient experience — feeding the shortage further.

THE GOAL

“Our goal was to expand how we were currently using Mach7’s solutions to address existing challenges in the market, specifically in mammography.”

Nirish Mathias — CEO, DocPanel

The cloud removes the workstation entirely.

DocPanel had already contracted with Mach7 to use eUnity for a fast, reliable, intuitive universal viewing experience. To modernize mammography, it combined eUnity's zero-footprint viewer with the Mach7 VNA and its own proprietary worklist.

The eUnity Enterprise Diagnostic Viewer equips mammographers to tailor the viewer interface and hanging protocols to their preferences while reading from any location. Studies are accessed directly from the cloud, so there is no longer a requirement to pre-fetch large studies to the radiologist's workstation. The platform securely delivers any study to anywhere at remarkable speeds.



Utilizing the cloud

Removes industry reliance on mammography workstations and infrastructure, allowing for seamless remote reading.



Closing coverage gaps

Lets imaging providers access fellowship-trained breast radiologists for remote screening and diagnostic coverage.



All in one platform

Customized hanging protocols, tailored reports, reduced fatigue — multi-modality radiologists use one viewer and one workstation.

01 Improved radiologist efficiency

Enables radiologists to do their job anywhere, anytime, and more efficiently than other platforms.

02 No infrastructure burden

Eliminates the cost of expensive on-site workstations that make remote mammography reading difficult to stand up.

Built for the demands of remote mammography.

The DocPanel-Mach7 solution targets the specific friction points that have historically stifled remote breast imaging.

01 Faster loading of large studies

Complex studies load quickly, with the ability to load relevant priors.

02 Unified VNA and viewer

Access any image any time, with native storage of studies in AWS S3.

03 Normalized study descriptions

Improves hanging protocols and consistency across reads.

04 Load balancing

Helps facilities meet goals while preventing radiologist burnout.

05 Instream conversions

Legacy conversion for proprietary studies, especially priors (SCO + CTO to BTO).

06 BI-RADS-matched templates

Robust templates that match the BI-RADS requirements of the client.

07 Elastic capacity

Expand services or absorb sudden volume increases without getting backed up.

08 No workstation cost

Eliminates expensive workstations that make remote reading hard to enable.



I've had experience working on many systems but the combination of DocPanel with Mach7's eUnity Diagnostic Viewer is far better than competitor systems. The speed and performance of the system allows me to concentrate on the case and make diagnostic assessments with confidence.

Meghna Krishnan, MD — Fellowship Trained Breast Imager, DocPanel

THE RESULTS

A new normal for diagnostic reading.

Together, the DocPanel-Mach7 solution has normalized and mainstreamed remote breast imaging — overcoming barriers that historically stifled adoption and buy-in from providers.

50%

increase in total mammography coverage

50%

reduction in necessary resources due to software efficiency

2X

total number of weekly mammography readings

With DocPanel's access to subspecialty expertise, the advanced capabilities of Mach7's eUnity zero-footprint viewer, an integrated secure VNA, and DocPanel's advanced worklist, clients receive timely subspecialized interpretations and radiologists enjoy an improved reading experience — leading to greater efficiency and quicker time to diagnosis.



DocPanel, in partnership with Mach7, now offers 100% cloud-based mammography reading to all our clients. This advancement enhances access to DocPanel's subspecialists, reduces turnaround and implementation times, ultimately enabling our clinicians to better serve their patients.

Mony Weschler — Chief Operating Officer, DocPanel

LET'S TALK

Bring subspecialty reading to the cloud.

See how Mach7's eUnity viewer and VNA can liberate your mammographers from the workstation — and your patients from the wait.



eUnity is far superior in every way. Mach7 has really nailed it! It has decreased my stress and fatigue, and it is a really terrific product that every remote radiologist should consider.

Gale Sisney, MD, FACR — Fellowship Trained Breast Imager, DocPanel

TALK TO US

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