

# Mach7 Diagnostic Solutions:

## Don't Just Replace Your PACS. Modernize Your PACS.

Reconstruct your existing PACS or implement a new PACS powered by Mach7.

With aging PACS and infrastructures increasingly in need of upgrades and investments, health systems have the opportunity to modernize their imaging platform. Expanding needs among specialists, IT, and the business are requiring a more innovative solution to address an evolving list of challenges beyond the capabilities of a traditional PACS. Compounding this challenge is the need to minimize costs of upgrades or new technology investments.

With Mach7, you will grow your clinical IT ecosystem with a stable, flexible and evolutionary foundation. The Mach7 Platform has built-in modules that can be deployed to support your needs as they evolve and change, including in the Cloud.

### Mach7 Diagnostic Solutions include:



Mach7  
**PACS**



Mach7  
**Universal  
Worklist**



Mach7  
**Modality  
Worklist**



Mach7  
**Quality Control (QC)  
Portfolio**

**Powered by the Mach7 Platform**

## Modernize your PACS with Diagnostic Solutions from Mach7 that improve clinical outcomes.

Leverage data intelligence to more accurately identify relevant clinical data and enable hanging protocols to work consistently. Automate traditionally manual workflow steps, simplify service and maintenance with thin client diagnostic applications, and balance specialists' workload.

Gain **one hour of efficiencies** daily with hanging protocols that work



### MODALITY

Through intelligent modality workflow connectors:

- Provide DICOM Modality Worklist
- Automate image distribution
- Localize study metadata
- Translate modality formats

**10% – 20% cost reduction** operating a modern PACS vs. traditional PACS offerings



### TECHNOLOGIST, AND RADIOGRAPHERS

Through a zero install Web-based client:

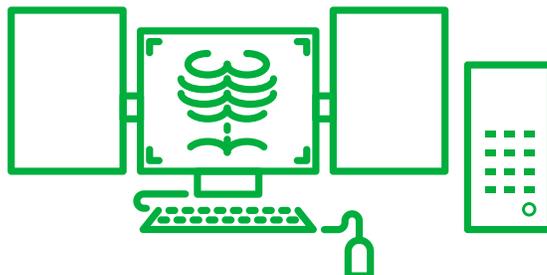
- Enable quality control (QC) workflows
- Split and merge studies
- Resolve study mismatches
- Verify studies

**MACH7**  
TECHNOLOGIES

### SPECIALIST – RADIOLOGIST, CARDIOLOGIST

Powered by a smart worklist and diagnostic viewer:

- Intelligently distribute workload
- Accurately prioritize STAT procedures
- Enable hanging protocols to work consistently
- Appropriately identify relevant clinical data
- Simplify collaboration with colleagues
- Manage interruptions and communications with referring physicians and technologists
- Utilize AI to assist with diagnosis



## Why Mach7?

- Proven success in reconstructing PACS to support current and emerging needs and decrease costs
- Global provider of the next-generation VNA platform
- Nimble, flexible solutions with functionality that can be deployed in your enterprise as needed
- Evolving features to support connected health and employ artificial intelligence (AI)



When we have downtime, we are still able to log into Mach7 and get the studies we need. With Mach7, we also have more options in the future—like image sharing; there is a lot of flexibility with Mach7.

– Tim Blue, Integration & Telecom Manager, Goshen Health