

DIGITAL PATHOLOGY IN ENTERPRISE IMAGING

Digital pathology, extended across the enterprise

Whole slide images archived like every other study and opened in the browser — so pathology reaches the whole care team without disrupting the lab.



Pathology shouldn't stay locked in the lab

Whole slide images are the largest objects in medical imaging, and they usually live where they were scanned — in a slide management system the rest of the enterprise cannot reach. So tumor boards work from screenshots, referring physicians get a report without the picture, and a second opinion still means shipping glass. Mach7 changes where the slides live and who can reach them: the vendor-neutral archive holds WSI as standard DICOM, and eUnity serves it to any browser for reference and referral.

SLIDES TRAPPED IN THE LAB

Archive whole slide images in the same vendor-neutral archive as radiology, under one index of record.

NO IMAGES FOR THE CARE TEAM

Give tumor boards and referring physicians access to the slide itself, not a description of it.

SPECIALIZED SOFTWARE EVERYWHERE

Open slides in a browser — nothing to install, nothing stored on the device.

WHAT YOU GET

Pathology in the enterprise imaging record

Certified WSI archiving

Mach7 EIP 2026.1 adds certified support for DICOM VL Whole Slide Microscopy Image Storage. Archiving, routing, and retrieval of SM/WSI objects work as they do for every other DICOM object — no separate pathology silo to run.

Zero-footprint access

Nothing to install or maintain. eUnity runs in a modern browser on desktop, laptop, or tablet, and stores no image or patient data on the device.

Built for slide-sized data

Slides stream rather than download, so navigation, zoom, and pan stay responsive without staging gigabytes onto the endpoint.

One viewer, every specialty

Pathology opens in the same enterprise viewer as radiology, cardiology, and the rest of the imaging record — against one patient history instead of a system per specialty.

Vendor-neutral by design

Standards-native storage with no proprietary internal format, so scanners, slide management systems, and viewers can come from different vendors — and can change independently.

Collaboration across sites

Multidisciplinary teams, referring physicians, and consulting specialists reach the same slide from wherever they sit — tumor boards, referral workflows, and case discussion across sites.

HOW IT WORKS

01

Archive — EIP & VNA

Slides land in the same vendor-neutral archive as the rest of your imaging, with one index of record across DICOM and non-DICOM objects.

02

View — eUnity

A zero-footprint enterprise viewer opens the slide in the browser, alongside the patient's full imaging history.

03

Share — enterprise-wide

Rules-based routing, lifecycle policies, and cloud tiering apply to slides exactly as they apply to CT or MR.

WHERE PATHOLOGY FITS

Two products, one imaging record

ENTERPRISE DATA MANAGEMENT**Enterprise Imaging Platform & VNA**

The open imaging data layer: archive, workflow engine, worklist, lifecycle management, and migration tooling in one standards-native foundation — now including certified VL Whole Slide Microscopy Image Storage.

ENTERPRISE DIAGNOSTIC VIEWING**eUnity Enterprise Viewer**

Mach7's zero-footprint viewer, reading across specialties from a single patient imaging history. Digital pathology whole slide imaging is available in the United States only, for reference and referral use, and not for primary diagnosis.

USE CASES ACROSS THE ENTERPRISE

MDT & tumor boards review pathology alongside radiology in one session.

Second opinions secure outside access without shipping glass.

Cross-site access one imaging record across every facility.

Referring physicians share the image that supports the report.

Education & training teaching cases without pathology workstations.

Lab workflow intact Mach7 extends access; it does not replace the LIS or scanner.

INTENDED USE — DIGITAL PATHOLOGY

Digital pathology whole slide imaging support in eUnity is currently available in the **United States only**, for **reference and referral use**, and is **not intended for primary diagnosis**. The intended use is enterprise access and collaboration — tumor boards, referring physician communication, consultation, and education — alongside, not in place of, the pathologist's primary reading environment. Regulatory status and cleared indications for use vary by market; for current clearance documentation for your region, contact your Mach7 representative or Mach7 Regulatory Affairs.

Ready to unify your imaging data?

Talk to us about extending pathology across your enterprise — mach7t.com