

# NILREAD ENTERPRISE AND DIAGNOSTIC VIEWER



Access, view and interpret  
medical images — anytime,  
anywhere

To deliver quality patient care, clinical stakeholders require timely access to all medical images generated throughout the healthcare system.

All too often, radiology, cardiology and pathology images remain sequestered in departmental picture archive and communication systems (PACS), accessible only to imaging specialists while visible light images such as digital photos and videos from dermatology, ophthalmology, gastroenterology and other specialties are lost inside other departmental systems. Today's healthcare provider requires an easy-to-use solution that allows clinicians to access all of these images in a single view when and where they need them.

## A SOPHISTICATED, VERSATILE AND SIMPLE SOLUTION

NilRead is a robust, universal viewer that can handle the clinical viewing needs of referring physicians and other clinicians as well as the advanced clinical visualization requirements of radiology or a specialty-imaging department.\*

With a true zero-footprint, web-based architecture, there is nothing to install, and images never reside on the workstation, ensuring no protected health information (PHI)

is left behind. The central architecture enhances security, consolidates upgrades and simplifies the support of remote reading locations for information technology organizations.

Because it is truly device and vendor independent, NilRead integrates with most contemporary vendor neutral archives (VNA), PACS and electronic medical records (EMR), providing independence from proprietary devices and archives.

## STREAMLINE IMAGE VIEWING AND COLLABORATION

Using NilRead, physicians gain immediate access to images when and where they need them. They can view a comprehensive image history through the EMR and view and share images, both DICOM and non-DICOM, from a radiology PACS or any other departmental archiving solution, including dermatology, surgery, ophthalmology and radiation oncology.

Cross-enterprise image communication and sharing tools empower physician collaboration, second opinions and remote diagnoses and provide users with the ability to send study links to peers and colleagues for real-time interactive collaboration.

*\*Referential Pathology viewing is available in the US only  
Diagnostic Pathology viewing is available in the EU, UK only*

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NilRead runs on any mobile device, tablet or PC, providing anywhere, anytime image access and enabling data sharing across multiple locations to support trauma transfers, telehealth and more. A consistent user interface and architecture provides a unified experience across devices for referral viewing as well as full primary interpretation.

### IMAGE VIEWING FOR DIAGNOSTIC INTERPRETATION

With FDA 510K clearance and CE marking for diagnostic viewing, including mammography and digital breast tomosynthesis, NilRead is a full diagnostic viewer. From 3D volume rendering to curved planar reformatting, NilRead incorporates visualization features and toolsets that rival the most advanced PACS workstation.

Functionality includes rules-based exam viewing, user permissions and multi-monitor viewing. A “+1 for priors” feature allows filtering of adjacent anatomy and reduces the time a radiologist must search for relevant data, making mining for prior exams a more efficient process.

### NETWORK PERFORMANCE

NilRead’s server-side rendering is optimized for available bandwidth, ensuring ultrafast speed and negating the need for powerful local workstations and viewing devices. For locations with exceptionally low bandwidth or poor reliability, NilRead offers a solution. Through Edge rendering and a hub and spoke deployment model, health systems with limited bandwidth can maintain high performance viewing.

In a world that demands flexibility, NilRead enables interactive image processing, viewing and distribution from any high-resolution display without software installation or plugins, and it can adapt to the bandwidth challenges of remote locations with poor connectivity.

### PATIENT PORTAL ENABLEMENT

NilRead for Patient Portals, a module of NilRead which provides a limited NilRead viewer, without diagnostic and clinical intent, allows patients to access, view, share and download their medical images from a computer, tablet or mobile device through the patient portal. Healthcare organizations can replace their CD workflow and respond to consumer expectations while complying with government regulations that mandate patient access to health information.

To view a complete list of features, download the NilRead Functionality Checklist at [HylandHealthcare.com/EnterpriseImaging](https://HylandHealthcare.com/EnterpriseImaging).

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