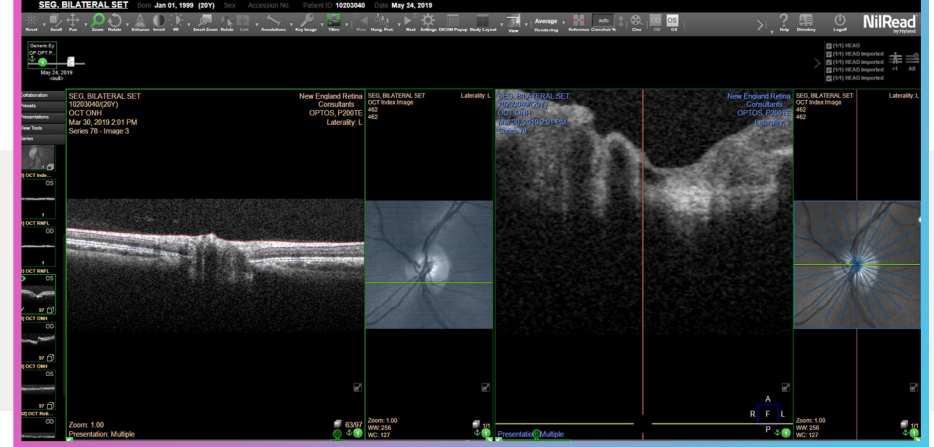


NILREAD



EyeCare viewing features

OPHTHALMIC FEATURES

- Ophthalmic Photography 8 Bit Image Storage
- Ophthalmic Photography 16 Bit Image Storage
- Ophthalmic Tomography Image Storage
- Wide Field Ophthalmic Photography
- Stereographic Projection Image Storage
- Mapping Navigation for both images and PDF reports (e.g visual field)
- Quick OD/OS/OU layout switches — navigation to create laterality of images
- OCT display with fundus localizer
- OCT Axial stretching
- Fundus gamma adjustment
- Cup-to-Disk ratio
- OCT Reference - reference with localizer linear and non-linear
- Radial navigation -Reformat image slices with radial spoke
- SLO Reference
- Hanging protocols
- Integrations with Heidelberg, Optos, Zeiss and Topcon

GENERAL FEATURES

- Verified browsers: MS Edge, IE11, Chrome, Firefox, Safari
- Verified devices: PC, Mac, tablet, mobile phone
- Multi-touch support on Windows 10
- DICOM, C-Store, SCU/SCP & MWL SCU
- DICOMweb (WADO-RS, QIDO-RS, STOW-RS)
- API interface to VNAs
- DICOM activity monitor
- Federated search:
 - DICOM, XDS, repositories, web services, etc.
 - XDS and XDS-I Consumer
 - FHIR integrations
 - Public and private folders
 - Printing
 - Multiple Active Directory authentication
 - Local NilRead authentication (for guest)
 - Open API for launch, authentication and report ingestion
 - Lifecycle management
 - Prefetch
 - Multi-tenant (virtual sites & unique governance)
 - Custom branding — designated locations for logos
 - MDT/tumor board workflows: custom folders, batch queues, keyword flagging, folder notes, date stamps
 - Study UID grouping with the same accession number (squishing)

ADMINISTRATIVE TOOLS AND FEATURES
Enables access to features as a system, group or user
Tools and feature usage statistics by site
Crash / exception statistics / IIS alerting
Admin dashboard
Study statistics
Loading / rendering / SQL statistics
Data analytics
Break glass notifications
Common Access Card authentication
Enhanced Security Audit page
UI for Epic AES-256 encryption

STUDY NOTES
Aligned with best practices as outlined in the RSNA Reporting Initiatives Program (www.RadReport.org)
Customizable and portable HTML5 format
Stored as DICOM SR objects
Add DICOM data and images to a report
Floating report window (capable of resizing and moving for image viewing)

IMAGE SHARING, IHE AND COLLABORATION
NilFeed: securely ingest imaging studies and documents from remote sites
Privilege controlled, zero-footprint upload/download with Web CD Uploader
Authorized one-time secure use link to external user to support web-based upload
Launch integration w/ EHR, dictation, specialty viewers
Send and share secured study links
HL7
Real-time collaboration
IHE Integration Profiles <ul style="list-style-type: none"> ■ Image Display (ARI, BRI, CPI, ED, KIN, IID) ■ Report Reader (ARI, SINR) ■ Evidence Creator (CPI, ED, KIN) ■ Display (RID) ■ Document Consumer (XDS.b) ■ Imaging Document Consumer (XDS.b-I) ■ Content Consumer (XDS-SD) ■ Patient Demographics Consumer (PDQ) ■ Patient Identified Cross-Ref Consumer (PIX) ■ Client Authentication Agent (EUA) ■ Secure Note & Secure Application (ATNA)
Time Client (CT)

DEPARTMENTAL WORKLIST / QUALITY ASSURANCE
Advanced QC interface for video editing
DICOM attribute editing
Reconciliation with MML scheduled procedures
Series splitting
Masking, label, markers
Anonymization/confidentiality masks
Outbound IOCM messaging to third party systems
Foldering/printing
Integration with external worklists (RIS, EMRs, dictation, enterprise worklist, etc.)
Quality control and data assurance components
Data quality control and data assurance tools
Video editing

BASIC IMAGE VIEWING
2D image manipulation: W/L, Zoom, Pan, Rotate, etc.
Cine
Non-DICOM: JPEG, PNG, TIFF, PDF, MPEG4
Display of reports
Toolbar configuration
Batch viewing
Multiplanar reconstruction (aligned, oblique, curved)
3D (volume rendering, MIP average)
Create Secondary Capture
Hyland Doc Filters integration

ADVANCED IMAGE VIEWING
+1 Priors (adjacency)
Anatomical region filtering
Display/creation of presentation states
Save/send bookmarks
Create key images
Cross correlation between series (localizer)
Rules based priors
Linking between multiple series
Arrow and text annotations
Basic measurements: Point, Ruler, 3-Points Angle
Grease pen (annotation without measurement)
Advanced measurements: Ellipse, Contour, Region of Interest (ROI), Cobb Angle, Spine Tools, Reference Line Caliper
Blur/sharpen, gamma correction
Curved Reformat
Extended Patient Timeline
Advanced CT and MR Protocols (Automatic Multiple Series, 2D, MPR, and 3D)

MULTI-SPECIALTY CAPABILITIES
Referential pathology viewing (US only)
Diagnostic pathology viewing (EU, UK only)

PATIENT PORTAL ENABLEMENT
EHR integration to patient portals with Image Viewing
Simplified license
Simplified user interface
Study upload (by the patient)
Secure link sharing (by the patient)

Learn more at HylandHealthcare.com/EnterpriseImaging

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