## 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 capabilities**

<table>
<thead>
<tr>
<th>Public and private folders</th>
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</thead>
<tbody>
<tr>
<td>Printing</td>
</tr>
<tr>
<td>Multiple Active Directory authentication</td>
</tr>
<tr>
<td>Local NilRead authentication (for guest)</td>
</tr>
<tr>
<td>Epic encrypted URL integration</td>
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<tr>
<td>Fujifilm encrypted URL integration</td>
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<tr>
<td>Open API for launch, authentication and report ingestion</td>
</tr>
<tr>
<td>Lifecycle management</td>
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<tr>
<td>Prefetch</td>
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<tr>
<td>Multi-tenant (virtual sites &amp; unique governance)</td>
</tr>
<tr>
<td>Localization: English, German, Dutch, Swedish, French, Spanish, Portuguese, Italian, Japanese</td>
</tr>
<tr>
<td>Custom branding — designated locations for logos</td>
</tr>
<tr>
<td>MDT/tumor board workflows: custom folders, batch queues, keyword flagging, folder notes, date stamps</td>
</tr>
</tbody>
</table>

## 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

## REMOTE READING
- **Edge Rendering**
- Bi-directional propagation of preferences
- Study or streaming mode
**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
- Study link sharing
- HL7
- Real-time collaboration

IHE Integration Profiles
- 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 / confidentially 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

**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)

**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)
- Prior support
- 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

**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
- Multiplaner reconstruction (aligned, oblique, curved)
- 3D (volume rendering, MIP average)
- Create Secondary Capture
- Hyland Doc Filters integration
MULTI-SPECIALTY CAPABILITIES

Advanced CT and MR Protocols (Automatic Multiple Series, 2D, MPR, and 3D)

Fusion (PET-CT and PET-MR)

Mammography Diagnostic Workflow

Mammography CAD display and edge detection

Mammography implant masking

Ophthalmology Diagnostic Workflow:
- Ophthalmic Photography 8 Bit Image Storage
- Ophthalmic Photography 16 Bit Image Storage
- Ophthalmic Tomography Image Storage
- Wide Field Ophthalmic Photography
- Stereographic Projection Image Storage

DICOM-ECG standard (view, measure, and document diagnostic ECG waveforms)

ECG viewing layouts (3x4+1, 3x4+3, 6x2)

ECG tools panel: frequency features, timescale adjustments, gain adjustments

ECG area calculations: BPM, Time, MVs

ECG viewing of QT Retrieval, RR Interval, and QT and QTc formulas

Simpson Measurement, Ejection Fraction, GSPS

Heart rate measurements

Radiation treatment support functions including:
- Display of Radiotherapy plans
- Add/Delete/Edit isodoses
- Switch absolute to % isodose values
- Color editing, opacity and line thickness of isodoses
- ROI structures: color editing and opacity of structures
- DVH graphing, allow histogram computing

Orthopedics: image stitching (scoliosis, leg length)

Neurology: NIfTI image support

PATIENT PORTAL ENABLEMENT

EHR integration to patient portals

Simplified license

Simplified user interface

Study upload (by the patient)

Link sharing (by the patient)

Learn more at HylandHealthcare.com/EnterpriseImaging