

NILNEXUS

- ✓ Increases radiologist productivity 10 to 20 percent
- ✓ Improves accuracy and quality
- ✓ Reduces turnaround time
- ✓ Eliminates cherry picking

Increase quality and efficiency with a single, integrated radiology worklist

The U.S. healthcare landscape is changing. Radiology practices are merging or being acquired by hospitals or health systems in an effort to keep pace with these changes. As such, they find themselves needing to work with several disparate imaging systems in order to interpret the studies that serve as the basis for patient diagnosis, treatment and care. These multiple image sources can negatively impact radiologist workflow and productivity.

NilNexus tackles these issues head-on by providing an integrated, universal patient worklist. With NilNexus, you can intelligently route, sort and distribute imaging studies based on custom preferences to increase productivity by 10 to 20 percent while improving quality and reducing turnaround times.

ENHANCED WORKFLOW ORCHESTRATION

NilNexus's Workflow Optimizer engine matches the right study with the right physician to improve accuracy and throughput. The engine receives study information from the modality worklist integration and intelligently populates, organizes and manages studies for automatic distribution.

Distribution is based on preferences determined by physician profiles composed of the following criteria:

- Licensure/credentialing
- Seat/location
- Physician schedule
- Subspecialty
- Insurance
- Modality preferences
- Exam code
- Exam status

EQUITABLE DISTRIBUTION AND LOAD BALANCING

NilNexus's proprietary load balancing algorithm uses complex rules to provide real-time distribution to any number of assigned users across the enterprise. Our Workflow Optimizer engine assigns a weight to each imaging study, called a "value point." During every scheduled shift, each physician is assigned the same amount of work, but not necessarily the same number of studies, as some jobs have higher value points than others. This automatic assignment of studies helps eliminate cherry-picking, low productivity and poor turnaround times.



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INTERRUPTED WORKFLOW MANAGEMENT

We all know interruptions happen during the course of an interpretation. NilNexus recognizes interruption events (for example, when an exam has been launched with full integration or in “view-only” mode, but hasn’t been signed) and sends these exams to a personal interruption list that maintains the context and state of these interpretations. From this list, the exam can be restored and the radiologist can resume the interpretation.

COLOR-CODED SERVICE-LEVEL AGREEMENT (SLA) TRACKING

NilNexus comes equipped with a color-coded timing functionality that helps you achieve target turnaround times (TATs). Colored badges on each worklist provide an on-the-fly visual representation of the remaining time left before a service-level agreement (SLA) is reached. The timer’s initial state is green, signifying an exam is not close to reaching its SLA. As time elapses, the badges change from orange to red signifying the SLA deadline is near.

Learn more at [HylandHealthcare.com](https://www.hylandhealthcare.com)

Other features

- Enhanced analytic reporting
- QA Workflow from the radiologist to the technologist
- Auto-launch feature that enables exams to automatically populate and launch without having to keep returning to the worklist
- Integrates with peer review solutions and includes HIPAA-compliant chat
- Includes a teaching mode in which teaching cases can be organized with tags and keywords, and teaching folders can be retained long term
- Allows simultaneous assignment of studies to both resident physician and their attending physician
- Integration with tele-imaging providers through worklist management
- Manages alerts from artificial intelligence (AI) providers
- Can receive and act on information from radiology information system (RIS)
- Relative priors can be retrieved and displayed in the worklist based on configurable criteria
- Enhanced scheduling through integration to scheduling applications such as QGenda
- Help buttons and links are configurable
- Enables both cardiology and radiology workflows
- Sticky notes at the exam level

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