

Configurable solutions to synchronize and manage clinical imaging workflows.

Automate your processes to ensure the high availability of images

...when and where they are needed.

Imaging Workflows

Create efficient and effective workflows that support clinical needs.

- Automate routing of medical images, reports, and HL7 messages
- Provide modality worklist services for reliable digital order data
- Ingest, transform, share, pre-fetch, and deliver medical images

Consolidation Strategies

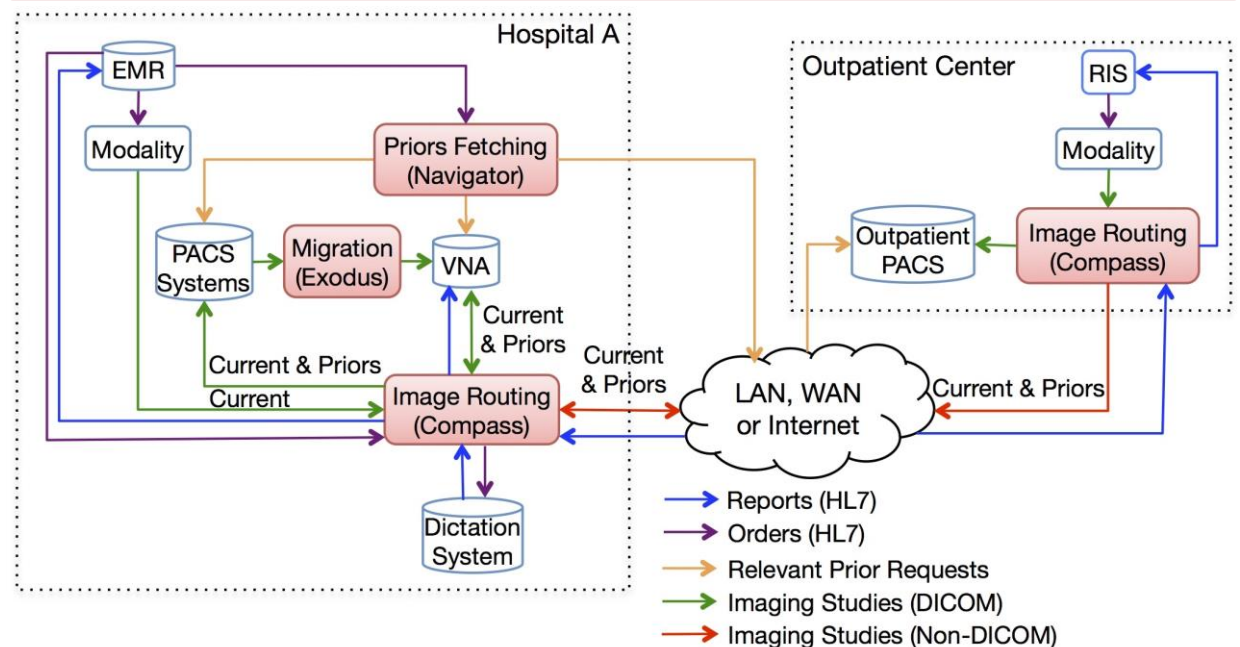
Simplify and manage the workflow challenges of facility consolidation, PACS migration, and VNA implementation.

- Analyze and automate the migration and validation of studies, on demand or ahead of time
- Reliably and accurately move from one image archive to another

Representative Customers – AltaPACS • American Radiology • Austin Radiology • Avera Heart • Baylor Health • Bon Secours Health • Bristol-Meyers Squibb • Bryan Health • Camosun College • Candescant Health • Catholic Health (CHI) • Change Healthcare • Children’s Hospital • Epic Imaging • Freeport Health • Good Samaritan Hospital • Guthrie Health • Intelrad • Island Health (VIHA) • Karmanos Cancer Institute • Maine Medical Center • Marshfield Clinic • Mayo Clinic • McKesson • Merge / IBM (DR Systems) • Methodist Hospital –Dallas • Mission Health • NHS Trust (UK) • North Kansas City Hospital Norton Healthcare • Northwest Radiology • Ohio Health • Ohio State University • Peace Health • Penn State Hershey Hospital • Quantum Radiology • Queensland Health • Queensland X-Ray • Radia • RAPA – Little Rock • Renaissance Imaging (RIMA) • St. Paul Radiology • ARS / Advanced Radiology Services • SwedishAmerican • TeleMammo Specialists • Texas Health Resources • UNC Healthcare • Unity Health System • Univ. of Michigan • Univ. of West Virginia • VA-Dept. of Veterans Affairs • Yale University •••

Plus many OEM users

Software solutions that integrate disparate PACS / VNA environments and clinical IT systems



Navigator™ • Compass™ • Waypoint™ • Exodus™ • DCF™ • PowerTools™

Imaging Workflow Solutions

Navigator™ - Enterprise Image Sharing & Fetching

- Image distribution between disparate PACS/VNAs
- Priors fetching workflows from multiple sources
- Match/relevancy criteria from patient and exam information
- Fuzzy name matching and body part synonym matching
- Support complex configurations w/templated plug-in scripts
- Aggregate, filter & consolidate query responses
- Multiplex DICOM query & move requests
- Web interfaces for convenient configuration & management
- Event-specific transaction logging and auditing
- Unlimited DICOM sources & DICOM destinations
- Unlimited trigger sources: HL7, DICOM or MWLs
- Status of all configured DICOM devices is displayed

Compass™ - Routing Workflow Manager

- Schedule, filter, route & multiplex DICOM store jobs
- Hot-folder, drag-and-drop study import & route capability
- Content & schedule-based routing, filtering & job actions
- Dynamic tag morphing filters correct errant data
- Anonymization (DICOM Attribute Confidentiality Profile)
- Dictation integration for reports, DICOM SR, HL7
- Smart load balancing using study identifiers
- Direct routing of all DICOM message types
- HL7 integration & routing
- Web browser access with password protection
- Viewer for images & DICOM headers
- Unlimited image and HL7 sources
- Unlimited destinations w/failover & retry handling
- HIPAA compliant, secure, encrypted communication
- Transfer syntax & compression changes in transit
- Hold in-bound studies for manual/automatic disposition
- Combine studies from multiple associations into a single job
- Windows service, suitable for high-availability systems
- **Switchboard™** - Windows® or Linux compatible routing

Waypoint™ - DICOM Modality Worklist Broker

- Supports all DICOM worklist-related management classes
- Handles standard HL7 message types: ADT, ORM, ORU
- User-configurable custom mappings of order information
- Web-based, distributed access
- Unlimited order feeds, unlimited modalities
- Manual order creation for emergency & unscheduled exams
- Manual disposition: add, modify, remove, mark as performed
- HIPAA compliant
- Supports high-availability configurations, physical or virtual

Archive Consolidation Solutions

Exodus™ - Migration Controller

- Plan & manage DICOM archive & file import migrations
- Automated services for migration & validation of studies
- Supervise, schedule, control & throttle migration activities
- Map & alter DICOM elements via filtering & tag-morphing
- Automated multi-level validation & reporting
- Pre-fetching of priors via MWL access or other triggers
- Add Navigator to manage pre-fetching tailored to your site

Software Development Solutions

DCF: DICOM Connectivity Framework™ - DICOM SDK

- Managed support for Windows & Linux, 32 & 64-bit
- Object-oriented, component-based implementation
- Comprehensive SOP class & transfer syntax support
- Robust, portable, high-performance, native implementations of DICOM for C#, Java® and C++
- Built-in, native compression libraries; plus, easy access to 3rd party compression utilities from Aware, Accusoft, etc.
- Simple, powerful APIs (Application Programming Interfaces)
- High level access to DICOM network protocol functions
- Support for DICONDE, DICOS, & veterinary variants of DICOM

PowerTools™ - DICOM & HL7 Utilities

- Windows-based GUI & console utility applications
- Standalone DICOM clients, servers & utility applications
- Diagnose, test & repair DICOM communication problems
- View, edit, repair, anonymize or create DICOM datasets
- Browsable, interactive DICOM Dictionary
- Convert between DICOM and JPEG, PDF, etc.
- Independent or scripted use for a variety of test situations

Professional Services & Consulting

Services - Design, Development, Testing

- Application Design, Development, Testing, & Support
- Requirements & Specification Definition
- FDA-compliant Processes
- Project Management, Planning & Strategic Consulting