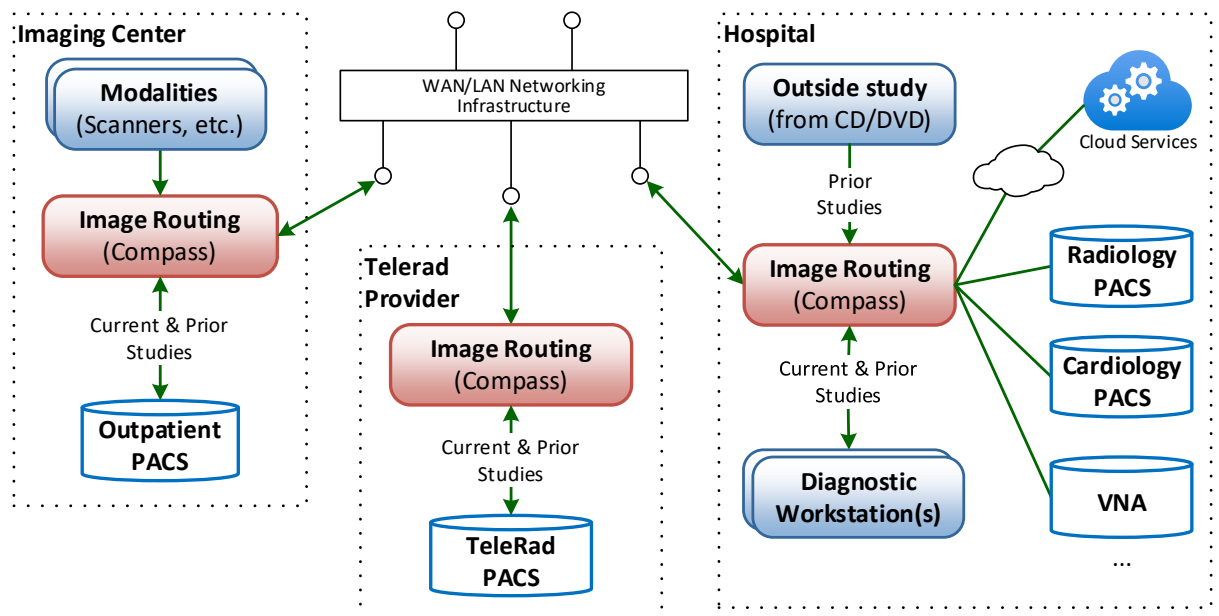


## Automate Imaging Workflow

- Route, replicate, monitor, schedule, and modify DICOM, HL7, or non-DICOM data
- Support both traditional DICOM (DIMSE) and DICOMweb messaging protocols
- Convert between DIMSE and DICOMweb message types
- Support unlimited sources and destinations
- Connect incompatible devices with extensive tag morphing, filtering, compression, encryption, and transfer syntax conversion capabilities
- Access remotely via secure web for monitoring and managing workflows
- Route or multiplex DICOM images/messages based on content, schedule, and source information
- Use HIPAA compliant, secure, encrypted communication, and audit logging
- Automate failover: redirect or retry when destinations become unavailable
- Integrate events and actions with HL7 communications and events
- Import and autoroute studies via drag-and-drop using “hot-folders”
- Control with user accessible configuration, scripting, and customization
- Simplify modality management: store once to Compass and then to pre-defined destinations
- Query recent studies via DICOM with the queryable cache option
- Automate AI, dictation, anonymization, and related internal or cloud workflows
- Integrate with other Laurel Bridge workflow solutions and applications

## Solve these examples and many other image storage workflows with Compass:



## Compass Router Versions to support) your Workflow Scenarios

- **Direct** – Direct, in-line DICOM message router
- **Store & Forward** – Receive, store, and forward DICOM studies
- **Professional** – Pro version with all core features enabled
- **HL7** – Routing of HL7 messages only

Compass Versions:		Direct	Store & Forward	Professional
Features & Options	Descriptions:	DICOM Message Router	DICOM Image Router	All Core Features
Maximum # of Compass sources & destinations		Unlimited	Unlimited	Unlimited
Number of failover Compass destinations			Unlimited	Unlimited
Number of Compass routing rules		Unlimited	Unlimited	Unlimited
DICOM DIMSE Store & Forward routing (DIMSE = traditional DICOM C-Store)		\$	✓	✓
DICOM DIMSE Direct routing (all traditional DICOM DIMSE message types)		✓	\$	✓
DICOMweb Store & Forward + protocol translation: DIMSE ↔ DICOMweb		\$	\$	✓
DICOMweb Direct routing + protocol translation: DIMSE ↔ DICOMweb		\$	\$	✓
Queryable internal study cache (max 300K instances, temporary storage)		\$	\$	✓
Queryable internal study cache (max 1M instances, temporary storage)		\$	\$	\$
Secure transport (TLS 1.0, 1.1., 1.2)		✓	✓	✓
Windows service for automatic start on boot		✓	✓	✓
Web access		✓	✓	✓
Trigger fetching of prior exams		✓	✓	✓
Compression (transfer syntax) conversion		✓	✓	✓
DICOM image routing priority		✓	✓	✓
Destination availability monitoring & heartbeat sensing		✓	✓	✓
Tag-morphing and filtering		✓	✓	✓
Study anonymization (includes pixel overlay capability)		✓	✓	✓
Load balancing—DICOM-aware, may use study identifier		✓	✓	✓
Multiplexed storage destinations			✓	✓
Hold queue – for manual review & routing			✓	✓
Automatic Order Generation (AOG) – from in-bound exam			✓	✓
Federated Query/Query Spanning without filtering		✓		✓
Federated Query/Query Spanning with filtering		\$		\$
HL7 routing (Note: A standalone Compass HL7 version is available for HL7 routing only.)		\$	\$	\$
Non-DICOM file secure transport between Compass instances		\$	\$	\$
<b>Integrations &amp; Customizations:</b>				
DICOM SR & Dictation system integration			\$	\$
Analytics integration			\$	\$
Dose monitoring integration			\$	\$
AI workflow and cloud delivery integration			\$	\$
Navigator™ – Imaging Retrieval Workflow Manager, relevant priors fetching		\$	\$	\$
Waypoint™ – Encounter & Modality Worklist Manager			\$	\$
Beacon™ – Enterprise Study Q/C Manager			\$	\$
Lighthouse™ – Centralized Monitoring & Management		\$	\$	\$
Customizations – specialized filters, job actions, queries, lookups, mappings, etc.		\$	\$	\$
Custom file-type translations – example: convert HL7 reports to other formats			\$	\$

## Compass System Requirements

- May be hosted on virtual or physical Windows standard or server systems
- Requires MS SQL Server Express or Standard
- Optional features, functions, and/or data volume may dictate host system upgrades
- For detailed system requirements see the User Manual, Chapter 2 at [LaurelBridge.com/products/compass/](https://LaurelBridge.com/products/compass/)