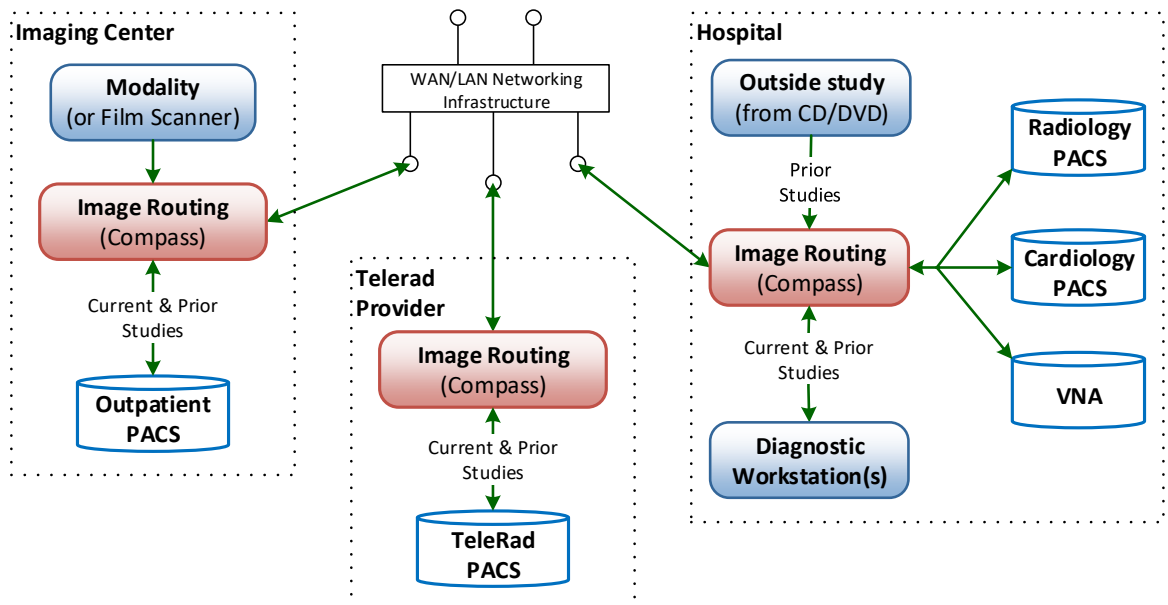


## Automate Imaging Workflow

- Route, replicate, monitor, schedule & alter DICOM, HL7, or non-DICOM data
- Support unlimited sources & destinations
- Facilitate interconnection of incompatible devices using tag morphing filters and easily configure transfer syntax (compression) conversions
- Access the Compass job table via a password-protected web page
- Route or multiplex DICOM images/messages based on any DICOM tag
- Use HIPAA compliant, secure, encrypted communication, and audit logging
- Schedule images to be forwarded when it makes sense for your business
- Automate failover and retries when destinations become unavailable
- Integrate events and actions with HL7 communications
- Drag-and-drop study import & route capability using “hot-folders”
- Simplify modality management: store to Compass, then selectively store to one or more pre-defined destinations using your preferred format

Solve these example and many other image storage workflows with Compass.



## Compass Router Versions to Meet Your Workflow Scenarios

- **Portal** – Store & forward to a central site—hub & spoke
- **Basic** – Store & forward—limited nodes
- **Direct** – Direct, in-line message router
- **Standard** – Store & forward—unlimited nodes
- **Enterprise** – Compass Direct & Compass Standard combined

Compass Versions:	Portal	Basic	Direct	Standard	Enterprise
<b>Descriptions:</b>	Store & Forward to Central Compass (Hub & Spoke)	Store & Forward (Limited nodes)	Direct Message Router	Store & Forward (Unlimited nodes)	Compass Direct + Standard
<b>Configurations</b>					
Maximum # of sources	1: promiscuous	6 combined	Unlimited	Unlimited	Unlimited
Maximum # of destinations	1	6 combined	Unlimited	Unlimited	Unlimited
Number of failover destinations	1	6 combined	N/A	Unlimited	Unlimited
Number of routing rules	1	Unlimited	Unlimited	Unlimited	Unlimited
<b>Included Features</b>					
Secure transport (TLS 1.0, 1.1., 1.2)	✓	✓	✓	✓	✓
Compression (transfer syntax) conversion	✓	✓	✓	✓	✓
DICOM image routing priority	✓	✓	✓	✓	✓
Destination heartbeat sensing	✓	✓	✓	✓	✓
Windows service for automatic start on boot	✓	✓	✓	✓	✓
Web access	✓	✓	✓	✓	✓
Tag-morphing and filtering		✓	✓	✓	✓
Study anonymization (includes pixel overlay)		✓	✓	✓	✓
Hold queue – manual review & routing		✓		✓	✓
Automatic Order Generation (AOG) – from in-bound exam		✓		✓	✓
Trigger fetching of prior exams		✓		✓	✓
Multiplexed storage destinations		✓		✓	✓
Load balancing—DICOM-aware, may use study identifier			✓	✓	✓
All DICOM Message types (i.e., direct routing)			✓		✓
Federated Query (std. query spanning/C-Find multiplexing, only)			✓		✓
<b>Optional (extra cost) – Features/Functions/Filters</b>					
HL7 message routing option	✓	✓	✓	✓	✓
Non- DICOM file transport	✓	✓		✓	✓
Custom – filters, job actions, queries, lookups, mappings, etc.			✓	✓	✓
Queryable study cache – temporary/transient			✓		✓
DICOM SR data extraction				✓	✓
Dictation system integration – Fluency, PowerScribe, or custom				✓	✓
Generate thumbnail images				✓	✓
Downtime order entry				✓	✓
Protocol / File-type translations – e.g., HL7 report to DICOM SC or encapsulated PDF, or to standalone PDF, etc.				✓	✓
<b>Recommended System Requirements:</b>					
Suggested minimums for virtual or physical systems*					
Windows operating system version (Standard/Server)*	7.0/2012	7.0/2012	7.0/2012	7.0/2012	7.0/2012
MS SQL Server version*	Express	Express	Express	Express*	Express*
Memory (RAM)*	8GB	8GB	8GB	16GB	16GB
Processor*	i5	i5	i5	i7	i7
Hard Drive/Storage (store ~2x the transient image cache)*	250GB	500GB	250GB	500GB	500GB
# of network (NIC) cards (Gigabit)*	1	1	1*	1*	1*
Supports high-availability (HA) configurations	Yes	Yes	Yes	Yes	Yes

\* Optional features, functions, and/or study volume may dictate server upgrades. MS SQL Standard and/or multiple NICs may be preferred for higher performance.