Data Distributing
the Image Distribution People

Fortify Enterprise Imaging Connection with DICOM HL7 Integration

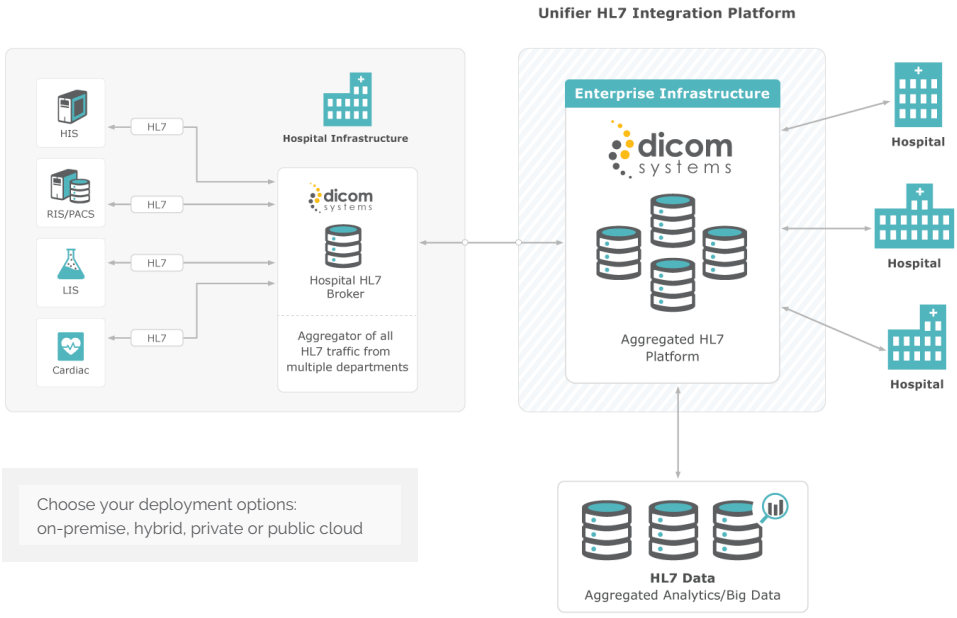
# HL7 INTEGRATION

800.635.6779 sales@datadisributing.com

Seamless HL7 integration from Dicom Systems uses your current systems, helping you avoid the installation of yet another layer of software. Any healthcare provider can unify their disparate systems into a single framework for sharing images and data. With effective HL7 integration, you can realize measurable improvements in key performance indicators such as patient satisfaction, referrer satisfaction, and productivity.

## THE DICOM SYSTEMS HL7 ADVANTAGE

- Ability to quickly parse HL7 messages
- FHIR ready
- Supports full DICOM and HL7 interoperability with all compliant devices
- Use with a standard web browser to design and control your HL7 workflows
- Built-in DICOM modality worklist (DMWL)
- Multi-location enterprises benefit by bringing all files up to the same standard for easy reading or modification.
- Best price-to-performance technology trusted by top healthcare enterprises, government agencies, and imaging partners




## FUNCTIONALITY

- Route using any HL7 field or group of fields as routing triggers
- Enterprise-class DICOM modality worklist
- Powerful enterprise-wide configuration management, logging, and auditing for HIPAA
- Transparent, user-friendly WebGUI configuration tools and setup wizard
- Able to be deployed as a standalone, vendor-neutral Enterprise DICOM Modality Work List (DMWL)
- Unifier's FHIR module helps you future-proof your enterprise with bi-directional FHIR brokering between older systems and the newest state-of-the-art EHR and EMR platforms

## UNIFIER FEATURES

**Workflow**
- Intelligent Routing
- DICOM Modality Worklist
- Unified Worklist
- Relevant Priors
- Load Balancer
- Patient Match
- Tag Morphing
- Enterprise Viewer
- Visible Light Imaging

**Archiving**
- VNA
- Universal Cloud Archive Adaptor on Google Cloud

**Cloud**
- CloudVNA
- DRaaS
- BCaaS

**Interoperability**
- HL7 Integration
- Restful API
- LUA Scripting
- DMWL Proxy
- Q/R Proxy

**AI On-Ramp**
- De-Identification
- Data Lake

> Unifier has a combination of features that truly deliver value. We like the flexibility of the device and the fact that Dicom Systems does not hold any features back from the customer. Running on an open platform, it is stable, rock solid and robust. The Unifier can comfortably handle the terabytes of data we have thrown at it and the uptime has been phenomenal—easily achieving 99.999% of uptime.
>
> - David Marichal, CTO, Radiology and Imaging Associates

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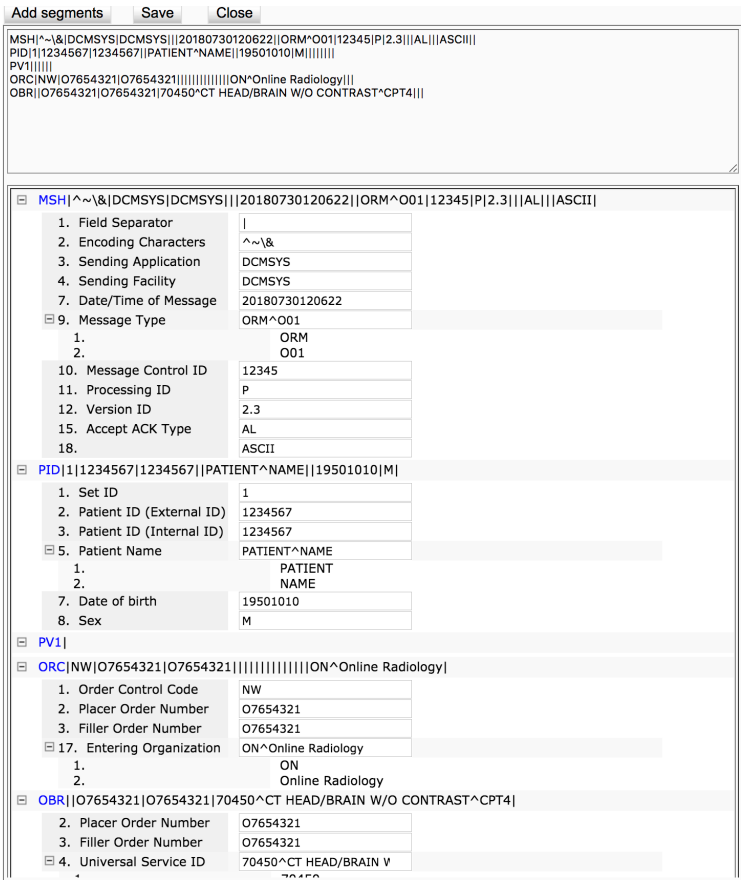
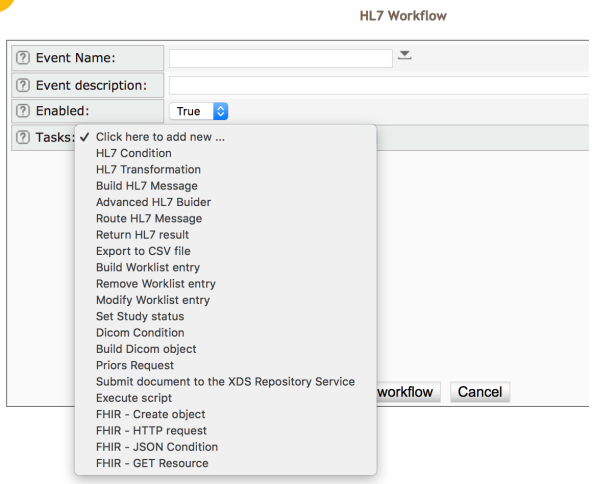
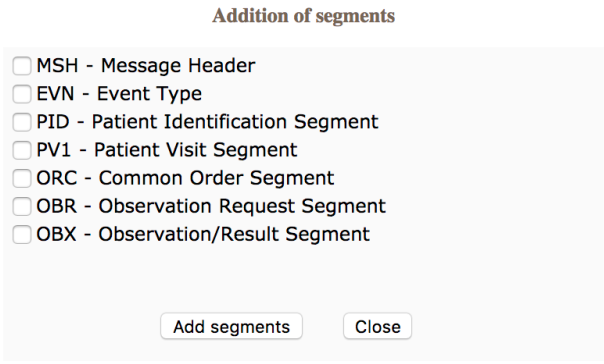
## HL7 DESIGN STUDIO




Easily parse, visualize and design your HL7 message segments

Designing your HL7 workflow is simple and fast




Choose message segments from a standard list of segment types

## COMPANY BACKGROUND

In 2008, Dicom Systems started with the idea to design a high-performing **"Cisco router for Imaging"** that could power fast, efficient and scalable teleradiology workflows in high latency, low bandwidth areas.

From beginning as an authority on DICOM routing, the company's vision has evolved with the launch of Unifier, an Enterprise Imaging platform with solutions for interoperability, workflow, archiving, cloud and AI on-ramp. Today, Unifier has been deployed to hundreds of sites with 8 billion images being routed through the platform annually. Technology and customer service from Dicom Systems has garnered recognition by RSNA Image Share Validation for IHE conformance, HIMSS Interoperability Showcase, and Google Cloud Partner Awards for 2017 Innovative Solution in Health Care. Proven at worldwide deployments, Dicom Systems is recognized by top healthcare enterprises, government agencies and integration partners for next-generation Enterprise Imaging.

## SELECT CUSTOMERS

Alpenglow Australia
Baylor University
Cancer Treatment Centers of America
Cleveland Clinic
Dignity Health
Foundation Radiology Group
Hospital Corporation of America
John Hopkins University
Kaiser Permanente
Kilimanjaro Christian Medical Center
Nicklaus Children's Hospital
Stanford Health Care
University of Florida
U.S. Department of Defense