

Institution

Name, Location	Grossman Imaging Centers 2001 N. Solar Drive Suite #135 Oxnard, California 93036 (805) 988.0616 http://www.grossmanimagingcenter.com
Key Institution contact information	Dr. Irwin Grossman, Medical Director for the Grossman Imaging Centers
Other representatives of institution responsible for project	Brion M. Piper, D.C. PACS Systems Administrator Mark Mitchell, M.D. William King, M.D.
Number of radiology exams	12,000 per year
Key Vendor contact information	Softmedical, Nadim Assi, nadim.assi@softmedical.com

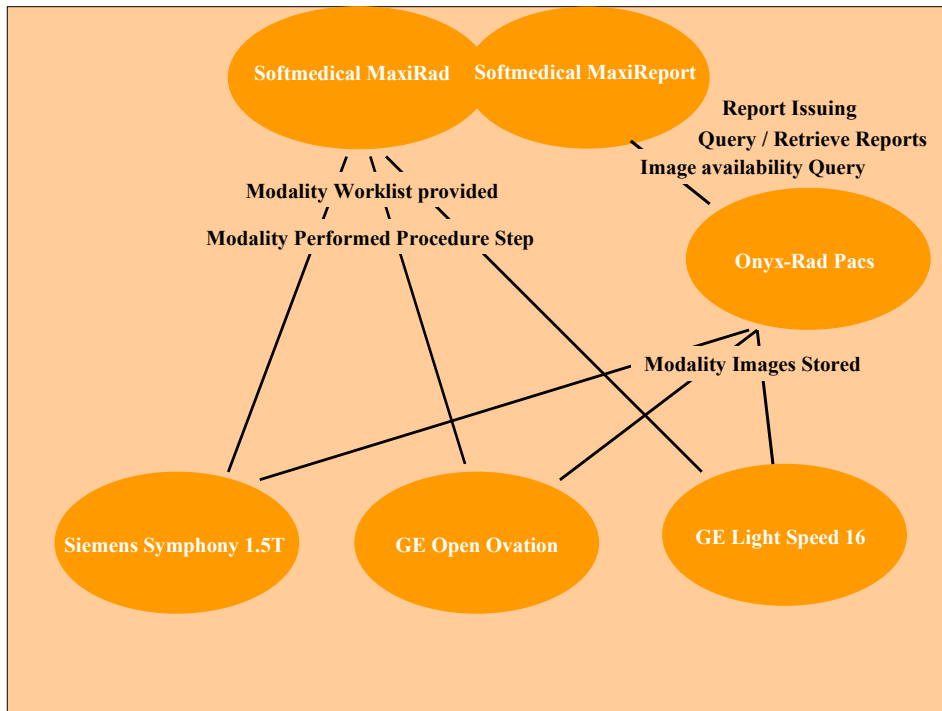
Project

Information and Imaging Systems involved in the integration project

Integration Profile	System/Vendor	IHE Actors	IHE Transactions	New or upgrade
Scheduled Workflow (SWF)	Softmedical MaxiRad	Department System Scheduler/Order Filler	Modality Worklist Provided	New
		Performed Procedure Step Manager	Modality Procedure Step In Progress	
			Modality Procedure Step Completed	
	Siemens Symphony 1.5T Short bore magnet	Acquisition Modality	Modality Worklist Provided	
	GE Open Ovation	Acquisition Modality	Modality Worklist Provided	
GE Light Speed 16	Acquisition Modality	Modality Worklist Provided		

			Modality Procedure Step In Progress	
			Modality Procedure Step Completed	
Access to Radiology Information (ARI)	Softmedical MaxiReport	Report Reader	Query Reports	New
			Retrieve Reports	
	Onyx-Rad Pacs	Report Repository	Query Reports	
			Retrieve Reports	
Simple Image and Numeric Report (SINR)	Softmedical MaxiReport	Report Creator	Report Submission	New
		Report Manager	Report Issuing	
		Report Reader	Query Reports	
	Onyx-Rad Pacs		Retrieve Reports	
		Report Repository	Query Reports	
			Retrieve Reports	
		Report Issuing		

Information flow and connections among systems



Clinical and integration problem addressed by the project

Date on which the project was put into clinical use

November 2003

Impact and benefits

In a practice that spans more than three decades, Dr. Irwin Grossman, Medical Director for the Grossman Imaging Centers, provides leading edge diagnostic imaging technology to those he serves. To remain competitive while providing optimal patient care, the Grossman Imaging Centers not only anticipate and meet the expectations of the patients and their referring physicians but also exceed them by always providing prompt and accurate services and results. In an imaging center where more than 12,000 radiological exams are performed every year, an integrated, accurate and expeditious workflow guarantees success. From the moment a call is made to schedule an appointment for a radiology procedure until the results are delivered to the referring physician, a multitude of diverse systems come into play. To be a success, the workflow has to be automatic, consistently precise and fast with the look and feel of being easy without increasing staff or inducing unwarranted expenses. This workflow is achievable with IHE implementations.

Our success is ensured by the deployment of the IHE Scheduled Workflow (SWF), Access to Radiology Information (ARI) and Simple Image and Numeric Report (SINR) integration profiles.

MaxiRad, Softmedical's Radiology Information System (RIS), manages patient registration, services ordering, scheduling, and provides modality worklists to acquisition modalities, Siemens Symphony 1.5T Short bore magnet, GE Open Ovation and GE Light Speed 16. Acquisition modalities notify MaxiRad of the performed procedure steps (MPPS) and send the acquired images to Onyx-Rad, the Image Manager for archiving and display. Information consistency and automated acquisition workflow enable prompt reporting workflow where MaxiRad manages reporting worklists to create the radiology report.

Of the eleven integration profiles defined by the IHE Technical Framework, our story briefly covered three profiles. We anticipate continued success in the future and look forward to sharing additional experiences.

As end-users of the technology that is shaping that future we wish to thank Softmedical, Onyx-Rad, Siemens, GE Medical Systems and IHE for looking forward to success.

Institution Photography



Institution Logo

