Today, many times medical images reside in multiple locations and different modalities resulting in multiple logins and disparate Picture Archiving and Communication Systems (PACS) which can be costly and very disruptive to physician workflow — especially when faced with multiple options for returning image interpretations to the referring physician and integration of diagnostic imaging and related reports to an Electronic Health Record (EHR).

Replacing inefficient, conventional means of review and delivery, NextGen Medical Image Integration Module provides a vendor neutral archive or enterprise PACS with a single seamless, horizontal, and patient-centric universal viewer. Its imaging and reporting solutions cover a wide range of DICOM, non-DICOM, visible light, and waveforms for various modalities such as x-ray, ultrasound, nuclear medicine, microscopy, ECG management and display; virtually all forms of medical imaging.

The NextGen Medical Image Integration Module is a versatile and customizable means to connect multiple PACS in multiple locations, whether part of an office, hospital, or imaging center.
Data Integration into the Electronic Health Record

For select procedures, the discrete measurement data from the procedure can be captured and sent to NextGen Ambulatory EHR. This data can then be pre-populated for complete procedural report to be completed. In addition, since the discrete data now resides in the Ambulatory EHR, it is made available for office visit documentation, letters for referring physicians, clinical outcome analysis, and decision support as well as for reporting to state, federal, and regulatory agencies.

Optimized Workflow for Diagnostic Review

The NextGen Image Integration module creates an automated and efficient pathway for optimizing transactions between NextGen Ambulatory EHR and the PACS environment. It begins with processing demographic and order data to the modality, creating a modality work list on the PACS, and returning procedural measurements with the option for a full procedure report. This automation virtually eliminates redundant data entry while assuring data integrity. It allows physicians to read and interpret procedures from within NextGen Ambulatory EHR whenever access is available to the system with appropriate monitor resolution for diagnostic quality review.

Multi-Specialty Image Integration

Image enabling provides a comprehensive clinical view of the patient for diagnostic workup and evaluation. An individual patient record in the NextGen Ambulatory EHR allows review of all associated procedural images and reports through a Web viewer and single sign-on. A universal viewer consolidates all images into one logical list for immediate access within NextGen Ambulatory EHR.
NextGenMedical Image Integration Module Snapshot

- **Connects ALL images**
  A single universal viewer allows physicians to connect multiple image locations and modalities

- **Optimizes Workflow**
  An enterprise PACS solution and single sign-on capability helps to eliminate workflow disruption

- **Integrates with NextGen Ambulatory EHR**
  Images can be viewed directly within the patient’s chart and a simple URL-based interface delivers image pointers to the EHR

- **Enhances Patient Visits**
  Reports used during patient consult improves understanding while image magnification tools allow physician the freedom to manipulate the image

- **Supports Meaningful Use**
  For select procedures, discrete data resides in the Ambulatory EHR and is available for office visit documentation, referral letters, clinical outcome analysis, and decision support, and reporting to government agencies

**NextGen Image Integration Key Benefits:**

- **Provides specialty views and reports in Cardiology, Radiology, Orthopedics, OB, Dermatology and more**

- **Operates with a variety of platforms including, MS Windows OS, Apple OSX, and Linux Desktop as well as industry Web browsers**

- **Automates the process from order to receipt of result into the EHR**

- **Enables a more complete Web patient record for clinical stakeholders in all settings**

- **Maintains compliance with SSL encryption for HIPAA**
Providing image viewing for all clinical specialties within a client base of more than 55,000 users.

Find out how our image integration solutions respond to a major challenge for physicians who find that many PACS vendors only provide a proprietary viewer with their own systems. NextGen Healthcare makes it easy to access medical images and create greater efficiency as they diagnose patients. For more information please visit nextgen.com.

The NextGen Healthcare Difference

NextGen Healthcare combines an understanding of, and certified EHR products for, critical access, rural community and specialty hospitals connected with a market-leader in EHR/HIS ambulatory solutions. This enables and promotes the sharing of information across the continuum of care.

Our proven products and expertise help our clients meet financial and clinical needs, obtain federal Meaningful Use funds and enhance quality of care. Hospitals also use our patient-centric scheduling, surgical management solutions, and consulting services to streamline and simplify complicated patient scheduling and management of surgical procedures, labor, and supplies.