

The ECIA is the medical image repository used by Defense Health Agency and Department of Veterans Affairs medical teams to store and view radiology, cardiology, and ophthalmology images worldwide.

The ECIA hosts the NilRead viewer, the primary image view within the MHS' electronic health record, MHS GENESIS. ECIA also stores content from a beneficiary's time on active duty through retirement. This single system of record streamlines and improves the delivery of health care for all beneficiaries while facilitating patient safety.

Background

Since 2012, all digital radiology images have been migrated from their former military hospitals and clinics' archival systems into two hubs on the Military Health System network. The ECIA is one of these hubs and since 1989, contains all radiology images for all Army and Navy sites. Air Force sites were recently integrated, with plans to migrate and decommission their current archive platforms in the next three years.



Key Features

- Provides central management and storage for all medical images
- Improves order referrals and provider access at MHS GENESIS sites
- Serves as a vendor-neutral archive—images are accessible across different systems

Key Benefits

- Reduces hardware footprint at each site and eliminates need for continued migrations
- Serves as long-term archive for all image-producing systems
- Supports continuum of care by allowing VA providers to access pertinent images
- Reduces the need to re-image patients

ECIA is managed by the **Solution Delivery Division** Integrated Clinical Systems Program Management Office.