

# Case Study: System Engineering— Enterprise Content Management



DEPARTMENT OF DEFENSE, MILITARY HEALTH SYSTEM (MHS)

## CLIENT NEED

To enhance clinical care, the MHS needed to enable its EMR (AHLTA) to capture, display, manipulate, and share documents and images enterprise-wide and with external partners

## SOLUTION

- ▶ Develop an Enterprise Content Management (ECM) solution using a federated architecture with local and central repositories and registries
- ▶ Use a Web application linked to the client server AHLTA, enabling fast development cycles
- ▶ Leverage IHE image exchange, and HL7 Clinical Document Architecture standards for easy and standardized communications with all partners

## RESULTS

- ▶ Provides clinicians with real time access to medical images, scanned documents and other clinical notes providing the clinician with the complete medical record