

Enterprise Information and Technical Infrastructure Technical Services (EITITS)

Northrop Grumman has worked with the Centers for Disease Control and Prevention (CDC) to develop its Knowledge Management platform. We provide technical assistance to support the business needs assessment and modeling, requirements gathering, design, implementation, maintenance, evaluation, ongoing development of the CDC Web, content management, and knowledge management information and technical platform. Currently, there are 18 personnel supporting 22 projects and activities within CDC/National Center for Public Health Information / Division of Knowledge Management Services. The current information and technology infrastructure includes Documentum v5.2.5 Content Server, WebPublisher, Site Caching Services, and Content Rendition Services; Verity Enterprise K2 Search Engine; Akamai Edge Server; and a Java application running on BEA Weblogic Server. Information assets include enterprise Content Types, CDC Metadata, a Public Health Thesaurus, a multifaceted information architecture, and creative assets. This work supports the CDC's mission to provide quality and timely information and services to its constituents.

Over the past 3 years, we have worked with the Division to design, develop, support and maintain an enterprise knowledge management application architecture that includes business process, security, workflow, integration, presentation, data and application layers. We have worked to integrate this architecture with enterprise, content management and other platform architectures. We have supported and advanced all environments of the enterprise Web and knowledge management platform, including the CDC Internet, intranet and extranet presences; the Verity search engine; and personalization, syndication, subscription services, content migration, Web publishing and alerting and notification. Northrop Grumman also has supported, coordinated and advanced enterprise and CIO projects and applications designed and developed on the Web and knowledge management platform. We provided consultation, quality assurance and software deployment services to ensure that all development work complied with the CDC Unified Process. Further, we developed training materials and trained CDC community members on the Web and knowledge management platform and associated services.

Specific deliverables have included:

- Document management system that now houses more than 90,000 documents, with more than 2,500 users
- Scientific clearance application that is being used by multiple CIOs; since the initial rollout, subsequent enhancements for configurable routing of content, comments, tighter restrictions on security, and electronic signature have been added
- Implemented electronic Scientific Clearance within 5 CDC Centers
- Protected Information Environment (PIE) able to store secure but unclassified documents; recently recertified as a GSS
- All Threats Agents Content System (ATACS)
- Multiple intranet sites including CDC Connects
- Health Department Lookup
- Content Inventory Tool
- Reengineered MMWR publishing process
- Controlled Health Thesaurus with more than 57,000 terms
- Partner's Portal ASP version.