In his call for change, President Obama has made the cost and quality of healthcare top national priorities. Issues of accountability, transparency, and interoperability are front and center. Northrop Grumman provides the innovative solutions and thought leadership to help address the President’s priorities and establish the technological foundation and services to achieve them.

Comprehensive Health Solutions

Northrop Grumman has been a leader in the healthcare industry for more than 20 years. Combining large-scale enterprise IT and systems integration capabilities, deep mission knowledge and far-reaching expertise in health and related services, we provide comprehensive solutions in:

- Clinical Information Systems
- Healthcare Systems Management
- Human Services
- Life Sciences
- Public Health

Our proven strengths and experience in these areas uniquely position Northrop Grumman to support many of the critical elements of healthcare reform and modernization.

Electronic Health Record (EHR)

For over a decade, Northrop Grumman has been a leading provider of clinical information systems that deliver on the promise of electronic health records (EHRs) in real-world environments. For the Department of Defense (DoD), we developed one of the world’s largest EHR systems (AHLTA), which serves more than nine million military and veteran beneficiaries and supports more than 130,000 medical staff at more than 400 clinics and 65 military hospitals spanning 11 time zones worldwide. In any given week, AHLTA supports 2.2 million prescriptions, more than 640,000 outpatient encounters and more than 19,000 inpatient admissions.

Interoperability

Effective healthcare reform requires interoperable health IT systems that seamlessly supply medical providers with timely, accurate access to patient information at the point of care. Northrop Grumman operates the largest health information exchange (HIE) between the DoD and the Department of Veterans Affairs. This extensive experience has made us experts at ensuring the interoperability of health records and securely linking health and other critical infrastructures. These are cornerstone capabilities for improving health outcomes, controlling costs and integrating health resources with other public safety systems and operations.

Value-Driven Health Care

Healthcare reform demands the ability to transparently document the value of care and services. In typical “pay for performance” health plans, this requires reliable methods for measuring outcomes and quality. We develop and deploy healthcare systems and analytical applications to determine and disseminate actionable value information.
Security and Privacy
As healthcare achieves higher levels of interoperability and information exchange, critical databases and networks must be secure with the appropriate privacy protections. Building on decades of security experience at the most sensitive levels of the U.S. government and its allies, Northrop Grumman delivers cutting edge security that has never been breached. The company has successfully implemented client/server and Web-based applications at multiple levels of security for many clients. Our solutions provide for identification and authentication, authorization, physical and logical access control, audit and monitoring, and encryption.

Northrop Grumman is well versed on HIPAA requirements—from a legal standpoint and from our real-world deployment experience. Our unique HIPAA tools and processes enable organizations to rapidly convert high-level HIPAA policy requirements into practical systems solutions for protecting patient privacy as information is exchanged on unprecedented scales.

Controlling Fraud, Waste and Abuse
Northrop Grumman provides key enabling technologies to help identify and prevent the fraud, waste and abuse that cost the healthcare industry billions of dollars annually. Through our extensive experience in health information exchanges, claims processing systems and security, analysis and other tools, we link these components to deliver powerful anti-fraud solutions.

Health Surveillance and Protection
From bioterrorism to climate change, recent issues have expanded the need for public health surveillance and protection capabilities nationwide. Based on years of partnering with the CDC and DoD on major detection, response and reporting systems, Northrop Grumman provides robust biodetection sensor systems linked to national health and emergency response networks. The same technologies can support emerging climate management systems, working in tandem with space, air, ground and maritime intelligence capabilities.

Efficient Technology Migration
One of the world’s premier IT integrators and thought leaders, Northrop Grumman provides the healthcare industry with a cost-effective path to the full benefits of IT modernization. We are experts at moving large-scale, complex applications to the Web-based, low-maintenance, mobile, service-oriented environments that will drive the most effective health care organizations. Security will increase. IT cost will drop. End users will gain faster, easier access to more accurate data. And most importantly, patients will benefit from improved care and service delivery.

Depend on Northrop Grumman for the experience, expertise, leadership and trusted support to meet today’s urgent health challenges.

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