



Healthcare Information and Management System Society (HIMSS)

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Combining 25 years of health expertise with innovative technology solutions, our team quickly and affordably turns data into knowledge – and information into insight – to support better health decisions.

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Demos

• **GoMobile**

- Designed to simplify Electronic Health Record (EHR) encounter workflow, the GoMobile mobile app uses any tablet device. By augmenting existing legacy EHR architecture, GoMobile can provide wireless capability for clinics with minimal system changes.

• **Supporting State Health System Transformation**

- The Northrop Grumman team is integrating the third-party COTS solution coordinated care platform into the ADHS environment to deliver a Universal Assessment System (UAS) that supports needs based assessments, care plan development, and quality metrics.

• **Personalized Health Care Platform**

- By integrating and performing analytics on massive clinical and genomic data, Northrop Grumman developed a Personalized Health Care platform on a third-party vendor Cloud to provide personalized risk predictions for cardiac, cancer, diabetes and behavioral health conditions.

• **Pay for Performance (P4P)**

- The Pay for Performance (P4P) model increases the quality of medical care while controlling costs by evaluating options for financial incentives when specified costs and quality goals are met. The initiative provides a decision support system to track and report provider performance in P4P scoring systems.

• **Predictive Analytics & Modeling for Healthcare**

- We examine applications of modern day predictive analytics, including the use of appropriate toolsets (e.g., regression, CART, cluster analysis) and concepts (e.g., relevance, reliability, parsimony) to generate helpful healthcare models.

• **Healthcare Decision Support**

- Northrop Grumman's analytics for mining through scientific, financial and clinical data leverages collaboration with a third-party vendor, EHRs, labs, pharmacy, and hospital systems. This platform is enabling secure massive data management for integrating emerging data sources (e.g., genomics and environmental) to improve outcomes and reduce cost.

