



## **Noblis Applies its Public Key Infrastructure (PKI) Work to Interoperability in Support of an Electronic Medical Record for all U.S. Citizens**

### **Abstract**

The federal requirement that an electronic health record be available for all citizens by 2014 requires many technology components be developed.

### **Challenge**

The U.S. Federal Government has issued legislation that requires an electronic health record for all citizens by 2014. Many technology components must be developed to ensure the right data is viewed by the right person at the right time. The Office of National Coordinator for Health Information Technology (ONCHIT) is funding several pilot projects to help with the development of an electronic health record. One of the funded projects is the Privacy & Security NGI/RTI.

HealthKey is a project funded by the Robert Wood Johnson Foundation to further the development of a national health information infrastructure (HII). The project involves a consortium of state health information organizations, including NCHICA, the Mass Health Data Consortium, the Minnesota Health Data Institute, and the Utah Health Information Network.

### **Solution**

Noblis' Center for Health Innovation was asked to support the project's efforts by applying the work we had done for the Federal government (GSA) in the area of public key infrastructure (PKI) as a solution to the HII issue of interoperability among PKI implementations. We supported the development and operation of several prototype data exchange applications.

### **Outcome**

Noblis was able to successfully demonstrate the feasibility of this technical solution which is considered a key component of the health information infrastructure.