

# The MITRE Corporation

## Center for Transforming Health

### MITRE

- > *Provides independent, conflict-free advice*
- > *Enables government effectiveness*
- > *Acts as an impartial bridge between the federal agencies that we advise and other public and private stakeholders*
- > *Supports enterprise transformations*
- > *Understands the health domain*
- > *Possesses expertise in the technical disciplines necessary for health integration*
- > *Understands the clinical environment*
- > *Involves stakeholders to ensure success*
- > *Monitors progress against measurable goals*
- > *Helps obtain the best value*

**M**ITRE's Center for Transforming Health is dedicated to improving health-care through technology-based transformation. We advise federal agencies through all phases of the evolution of their health technology, from high-level strategic planning to program acquisition and oversight.

#### Health in the 21st Century: Working in the Public Interest

Achieving universal access to affordable, high-quality care will require streamlined processes and innovative information technology. But the health sector is at the beginning of a long and complex process of transformation that will require interconnecting a fragmented collection of providers, payers, suppliers, planners, researchers, government agencies (federal, tribal, state, local, and territorial), and business entities to forge an integrated system that delivers more value and higher quality to our citizens. This large-scale integration—transforming the health sector into a health system—is a cross-boundary change management challenge of the highest magnitude.

#### Federal Agencies Look to MITRE

Transforming our health sector has become a critical issue for the nation. Government agencies engaged in health have an unprecedented need for systems engineering and integration expertise, program management, organizational and change management, and cybersecurity and privacy solutions. Our sponsors and customers look to MITRE for thoughtful, unbiased guidance.

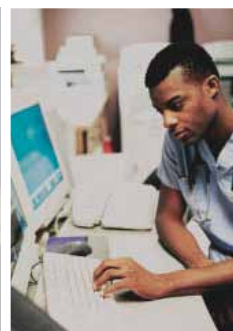
To achieve the greatest benefit for the public, MITRE's Center for Transforming Health focuses on four tasks where we make the biggest difference:

- Increase the effective use of patient-focused health information technology.
- Promote the secure and private exchange of health information to benefit, protect, maintain, and improve public health.
- Improve government effectiveness in carrying out complex health-related programs with transparency and accountability.
- Secure health information and systems from intrusions and prevent unwanted disclosures of personal health information.

None of these tasks is simple or short term. MITRE works with a wide range of professional and technical organizations, standards bodies, advisory committees, academic institutions, and other enterprises to better understand health trends



Our commitment to strategic partnership begins with adopting our customers' health missions as our own and then developing solutions that deliver measurable results.



## Our Expertise

- Program Management and Oversight
- Acquisition
- Strategic Planning
- Health Data Standards
- Business Process Redesign
- Health Information Technology
- Enterprise Engineering
- Clinical Expertise
- Health Information Exchange
- Organizational Change Management
- Data Warehouse
- Modeling and Simulation
- Cloud Computing
- Cybersecurity and Privacy
- Open Source
- Collaborative Research
- Information Technology Infrastructure Modernization
- Claims Processing
- Risk Management
- Health Emergency Preparedness and Response



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and to foster innovation in the public interest. In our role as an impartial, trusted adviser to our customers, we stand ready to confront some of the nation's toughest challenges related to health and health information technology.

## A Focus on Health Research

MITRE's Transforming Health research program applies information technology to help our sponsors find ways to promote higher quality and achieve better public health outcomes at manageable costs. Our research strategy pursues four goals:

- **Connecting Providers** to move from paper-based silos and stand-alone electronic health records (EHR) toward fully functioning health data exchanges with privacy protections on a national scale;
- **Accelerate Health and Biomedical Research** to assist the research community to move from stove-piped science to open science with data widely shared to move good ideas from bench to bedside;
- **Empowering Patients with Personal Health Information** and powerful, user-friendly tools to manage their health and healthcare;
- **Targeting Public Health Investments and Incentives** to achieve better outcomes and higher value by systematically analyzing information from EHRs and other sources.

In 2009-10, MITRE's Transforming Health research program demonstrated promising new techniques for achieving interoperability and advancing the use of health IT to improve care. MITRE's 2011-12 research projects will investigate data management and analysis techniques and tools to achieve more affordable, accessible, high-quality healthcare and improved public health.

**hData**

**Laika**

med  
**LifeCare**

## MITRE Health Customers at a Glance

MITRE supports the full spectrum of federal roles in health, including health research, regulatory affairs, healthcare delivery, emergency preparedness and response, cybersecurity and privacy, and healthcare finance. We offer a comprehensive, government-wide perspective broadened further by consultation with industry and academia.

### Department of Health and Human Services

- Assistant Secretary for Financial Resources
- Centers for Medicare & Medicaid Services
- Food and Drug Administration
- National Institutes of Health
- Office of the Assistant Secretary for Health
- Office of the National Coordinator for Health Information Technology

### Department of Veterans Affairs

- Assistant Secretary for Management
- Office of Acquisition and Logistics
- Office of Information and Technology
- Veterans Benefits Administration

### Department of Defense

- Military Health System
- DoD Medical Education and Training Campus