



Office of the National Coordinator for Health IT (ONC) Update

P. Jon White, M.D.
Acting National Coordinator for Health IT
NCVHS February Meeting
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@pjonwhite



Agenda

- **ONC Interoperability and Precision Medicine Initiative Efforts**
- **21st Century Cures Act**
- **Q&A**

Big Picture: The Federal Health IT Strategic Plan

Federal Health IT Strategic Plan

VISION

High-quality care, lower costs, healthy population, and engaged people

MISSION

Improve the health and well-being of individuals and communities through the use of technology and health information that is accessible when and where it matters most



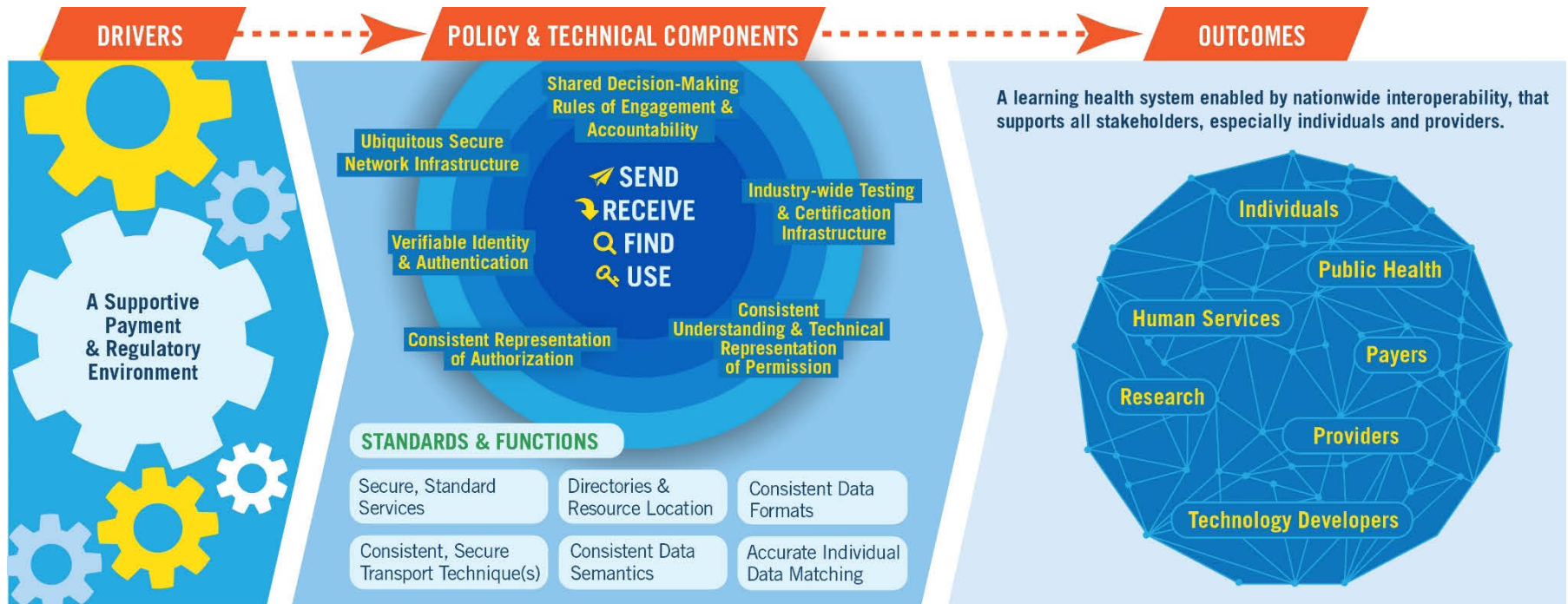
Goal 4
Objective A:
Implement the Shared
Nationwide Interoperability
Roadmap



Available from

<http://bit.ly/1QySrGW>

Shared Nationwide Interoperability Roadmap



Roadmap's Overarching Goals

2015-2017:	Send, receive, find, and use priority data domains to improve health care quality and outcomes.
2018-2020:	Expand data sources and users in the interoperable health IT ecosystem to improve health and lower cost.
2021-2024:	Achieve nationwide interoperability to enable a learning health system, with the person at the center of a system that can continuously improve care, public health, and science through real-time data access.

Interoperability Standards Advisory (ISA)

- Coordinated catalog of standards and implementation specifications available for use by health IT industry
- Single, public resource that can be used to fulfill specific clinical health information interoperability needs
- 2017 ISA published last month

<https://www.healthit.gov/isa/>

Patient Matching Efforts

- Primary Focus Areas
 - » Technical
 - » Policy
 - » Workflow

What we've heard from stakeholders:

- **Support** a broad, national use case of importance
- **Empower** individuals
- **Focus** on areas where standards are already strong (e.g., medications)
- **Acknowledge** current stream of work by leveraging existing efforts
- **Coordinate** the administration's activities around information flow



Summary: Empower people to access their current medication lists comprehensively in one place from different providers or health care systems that have provided care to them

Data Sharing Challenges and Funding Opportunities

- Move Health Data Forward Challenge
- Two FHIR-based app challenges
- High Impact Pilots (HIP) and Standards Exploration Awards (SEA)
- Advance Interoperable HIE Program: ADT Notification Services

Health IT is Foundational to PMI



- Enormous array of data will require new thinking and pathways for storing, accessing, and analyzing the information
- Success will require portable electronic health information that is actively exchanged among health care providers, researchers, and individuals

PMI: What is ONC's role?



Accelerate innovative collaboration around pilots and testing of standards that support health IT interoperability for research



Adopt policies and standards to support privacy and security of cohort participant data



Advance standards that support a participant-driven approach to patient data contribution

ONC Efforts

- Sync for Science (S4S)
 - » <https://www.healthit.gov/buzz-blog/health-innovation/nih-and-onc-launch-the-sync-for-science-pilot/>
- S4S Privacy and Security
- Sync for Genes
 - » www.sync4genes.org
- Security Implementation Guide
 - » <http://healthit.gov/pmiguide>

What is the 21st Century Cures Act?

- Bipartisan law signed into law on December 13 , 2016
 - » <https://www.congress.gov/bill/114th-congress/house-bill/34/text/eah?q=%7B%22search%22%3A%5B%22cures%22%5D%7D&r=1>
- Purpose: “help modernize and personalize health care, encourage greater innovation, support research, and streamline the system”
- Builds upon and amends the Public Health Service Act, the HITECH Act, the Social Security Act, and other existing laws

21st Century Cures Act – Health IT Components

- Provisions cover a number of issues designed to improve the flow and exchange of health information, including:
 - » Advance interoperability and trusted exchange of electronic health information;
 - » Prohibit information blocking and other harmful business practices;
 - » Expand the availability and use of certified health information technology; and
 - » Enhance transparency and the usability, accessibility, and privacy and security of health IT.

Title IV – Delivery

- Section 4001: Assisting doctors and hospitals in improving quality of care for patients
 - » Reduce the burden of documentation
- Section 4002: Transparent reporting on usability, security, and functionality

Title IV (continued)

- **Section 4003: Interoperability**
 - » Defines interoperability
 - » Merges current advisory committees into one
- **Section 4004: Information Blocking**

Title IV (continued)

- Section 4005: Leveraging electronic health records to improve patient care
- Section 4006: Empowering patients and improving patient access to their EHRs
- Section 4007: GAO study on patient matching
- Section 4008: GAO study on patient access to health information

Additional Sections Relevant to Health IT

- Subtitle B: Advancing Precision Medicine; Sec. 2011: Precision Medicine Initiative
- Subtitle E: Advancement of the National Institutes of Health Research and Data Access; Sec 2054: Consultation

Questions?





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