The Office of the National Coordinator for Health Information Technology

A National Perspective on Interoperability

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Second Learning Health System Summit

December 8, 2016

Agenda

- Explain ONC's **interoperability** initiatives
- Discuss ONC's short-term and long-term health IT policy priorities
- Identify opportunities for engagement with the Federal government
- Q&A

Interoperability Defined

IEEE as basis:

- The ability of a system to exchange electronic health information with and use electronic health information from other systems without special effort on the part of the user.

Less jargon-y:

- All individuals, their families and health care providers should be able to **send, receive, find, and use** electronic health information in a manner that is **appropriate, secure, timely and reliable** to support the health and wellness of individuals through informed, shared decision-making.

Interoperability: Vision and Approach

1) Culture Change Around Access to Information

Individuals and clinicians request and receive usable electronic health information as a matter of course.

2) Business Case for Interoperability

New payment models and Federal policy demands interoperability for success.

3) Common Standards

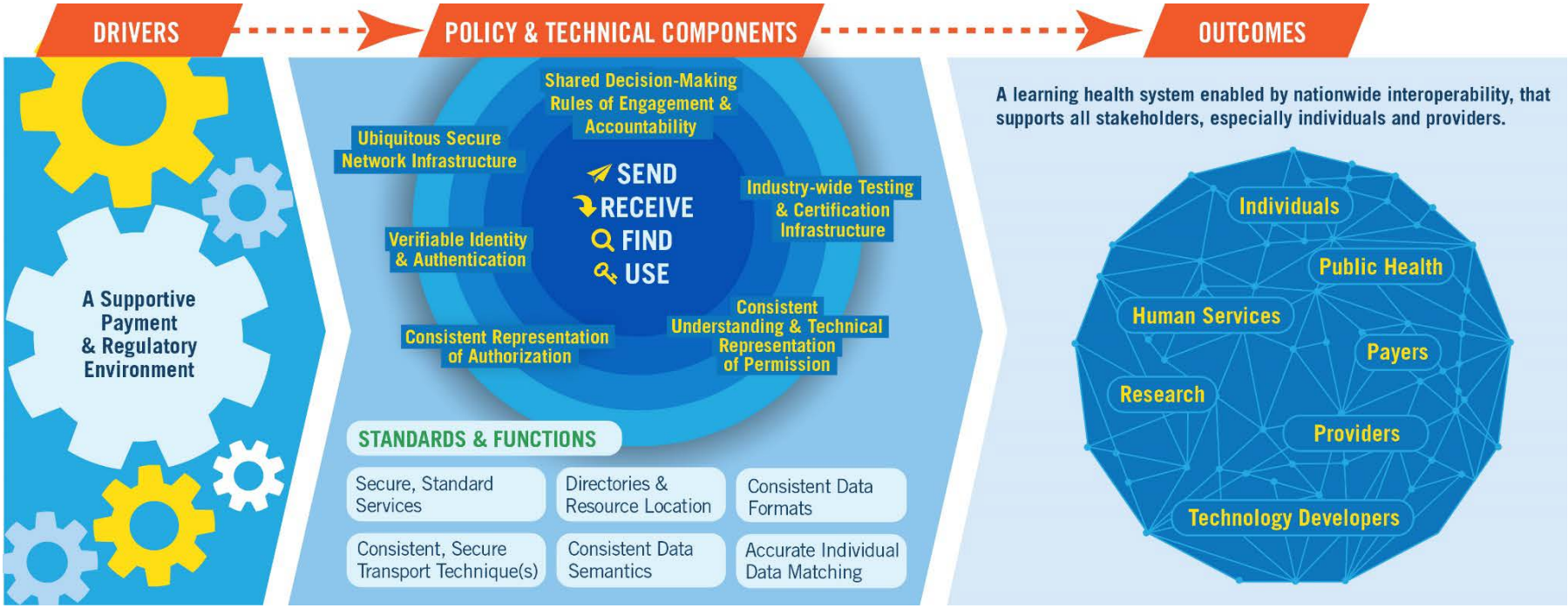
Use of federally recognized, national standards.

Big Picture: The Federal Health IT Strategic Plan

Federal Health IT Strategic Plan

Available from
http://bit.ly/1QySrGW

Shared Nationwide Interoperability Roadmap



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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.

ONC Health IT Certification Program: 2015 Edition final rule

- Improves interoperability
- Promotes reliability and transparency
- Supports health IT across the care continuum
- Addresses health disparities
- Provides developers greater flexibility & opportunities for innovation

ONC Health IT Certification Program: Enhanced Oversight & Accountability final rule

- **Does not** create new certification criteria or requirements for health IT developers
- **Does not** create new certification/health IT requirements for providers participating in HHS programs
- **Does not** establish a means for ONC to directly test and certify health IT (ONC-ACBs will continue to test and certify)
- **Does not** establish regular or routine auditing of certified health IT by ONC

- **Does** establish a regulatory framework for ONC to directly review already certified health IT products
- **Does** increase ONC oversight of health IT testing bodies
- **Does** increase transparency and accountability by making identifiable surveillance results of certified health IT publicly available

Patient Matching Efforts

- Primary Focus Areas
  - Technical
  - Policy
  - Workflow

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 being finalized month

https://www.healthit.gov/standards-advisory/draft-2017

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

Empowering Individuals through Interoperable Medication Lists

- Three core commitments toward advancing interoperability, included:
  - » “Consumers easily and securely access their electronic health information, direct it to any desired location.”
- ONC worked with stakeholders to identify initiatives already underway to spur progress
- Accelerating consumer access to an interoperable medication list with data from multiple sources identified as a useful and achievable example of progress on interoperability

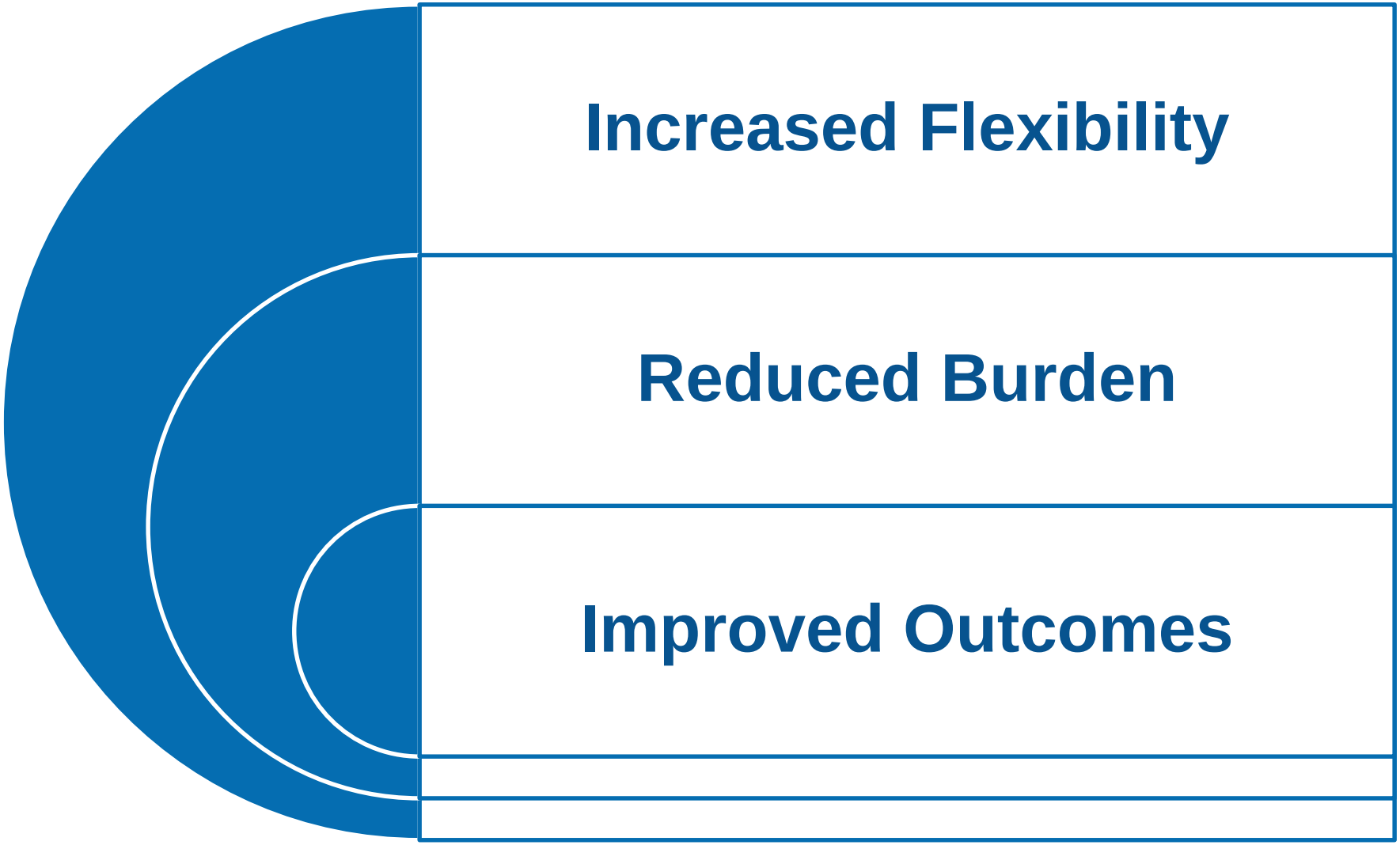
Precision Medicine Initiative (PMI)

- Sync for Science Pilot
  - » Demonstrate the feasibility of open, standardized, API-based individual access to and donation of data for research
  - » Will be used by upcoming NIH-funded projects to speed interoperability of health information supporting PMI

https://www.healthit.gov/buzz-blog/health-innovation/nih-and-onc-launch-the-sync-for-science-pilot/

http://syncfor.science

Quality Payment Program (QPP)



How You Can Get Involved

- Participate in ONC's regular stakeholder meetings
- Participate in public comment for rules, the ISA, and other materials seeking stakeholder input
- Continue the important work you're doing today!

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