The Office of the National Coordinator for Health Information Technology

Connecting Health and Care for the Nation: A Shared Nationwide Interoperability Roadmap – DRAFT Version 1.0

Erica Galvez
Interoperability Portfolio Manager, ONC

March 3, 2015

HealthIT.gov

Interoperability

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

Why does interoperability matter?

- Individuals and providers need access to the right information at the right time in a manner they can use to make decisions that impact their health regardless of geographic or organizational boundaries
- Typical Medicare beneficiary receives care from 2 primary care providers and 5 specialists each year
- Only 10-20% of health outcomes are attributable to health care
- Information needs to flow inside and outside the care delivery system to support health

DRAFT Shared Nationwide Interoperability Roadmap

The Vision

2015 - 2017	2018 - 2020	2021 - 2024
Nationwide ability to send, receive, find, use a common clinical data set	Expand interoperable data, users, sophistication, scale	Broad-scale learning health system

Core technical standards and functions

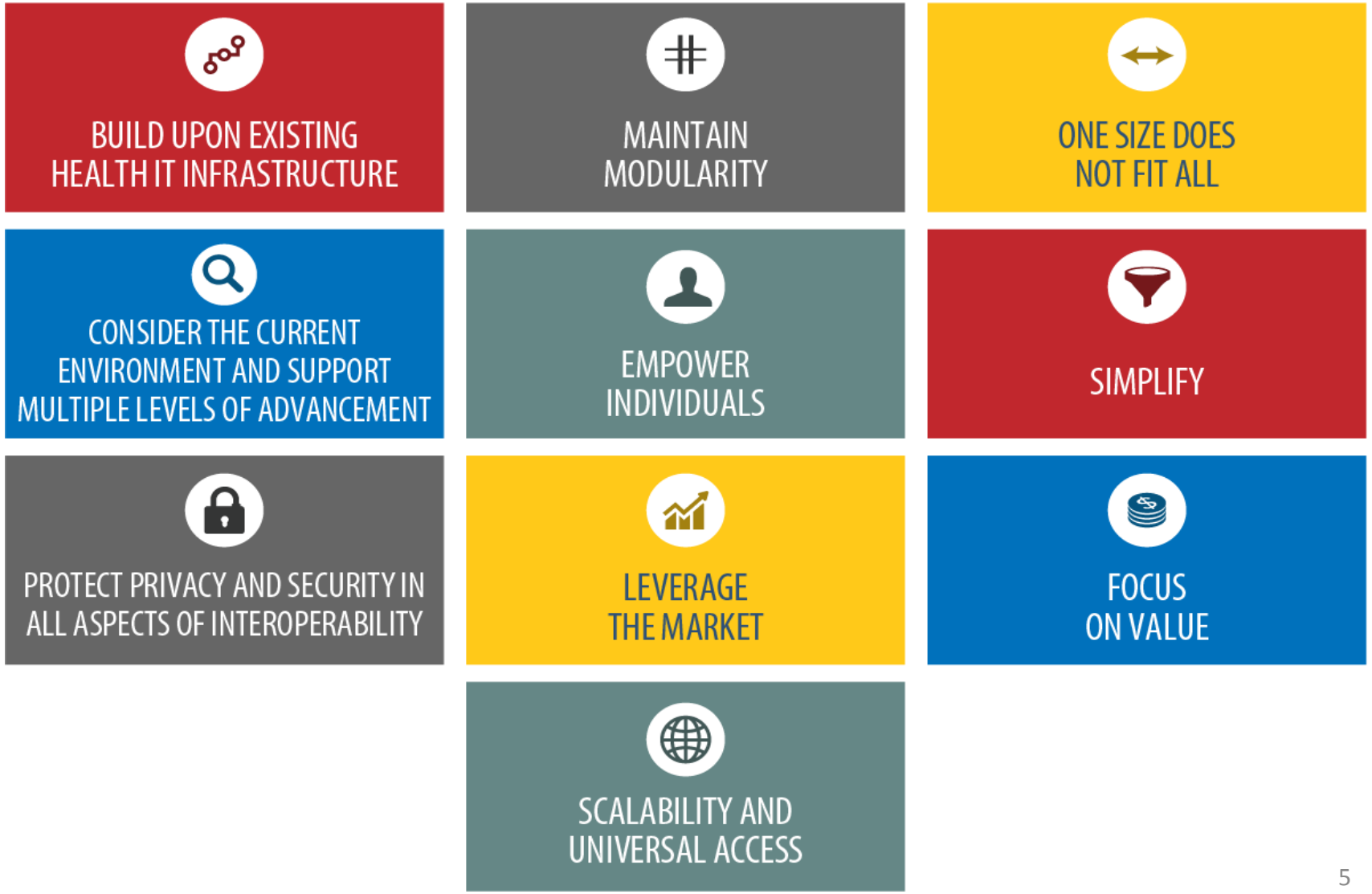
Certification to support adoption and optimization of health IT products & services

Privacy and security protections for health information

Supportive business, clinical, cultural, and regulatory environments

Rules of engagement and governance

Principle-based Interoperability



Critical Near Term Actions by Building Block

Core technical standards and functions

- Direct the field on best available standards and implementation guidance
- Refine standards for common clinical data set, implementation of CCDA, data provenance, APIs

Certification to support adoption and optimization of health IT products and services

- Improve rigor of ONC's certification program
- Work with industry on suite of ongoing testing tools

Privacy and security protections for health information

- Educate stakeholders on current federal laws
- Work with states and organizations to align laws that provide additional protections, without undermining privacy

Supportive business, clinical, cultural, and regulatory environments

- Evolve and align policy and funding levers to focus on outcomes and incentivize adoption of certified health IT and electronic information sharing according to national standards

Rules of engagement and governance

- Establish governance framework with principles, rules of the roadmap, and process for recognizing orgs that align
- Call to action for industry to create single coordinated process

Tracking Progress and Measuring Success

HealthIT.gov

"Capability to Exchange in an Interoperable Manner"

- Adoption of specific technologies, standards, infrastructure and policies to ensure secure exchange of interoperable data
- Capabilities of providers across care continuum and consumers to securely exchange in an interoperable manner

"Information Flow and Usage"

- Exchange activity
- Availability of information to inform decision-making
- Usage: rates of accessing available data
- Interoperability of data, EHRs and other systems
- Uses of interoperable data
- Ability to easily integrate data across multiple sources
- Reliability, trustworthiness, and utility of information exchanged
- Barriers to exchange and interoperability

"Impacts"

Support Key Processes

- Care delivery and value based payment
- Public health surveillance and response
- Care coordination and transitions of care across settings
- Learning health system and research

Outcomes

- Individuals' experience with healthcare delivery system
- Reducing costs and increasing efficiency of care
- Improving health of populations

Public Comment

- Please review and comment on the Roadmap – posted on healthit.gov

- Public comment is open now and closes at 5pm ET on Friday, April 3, 2015