

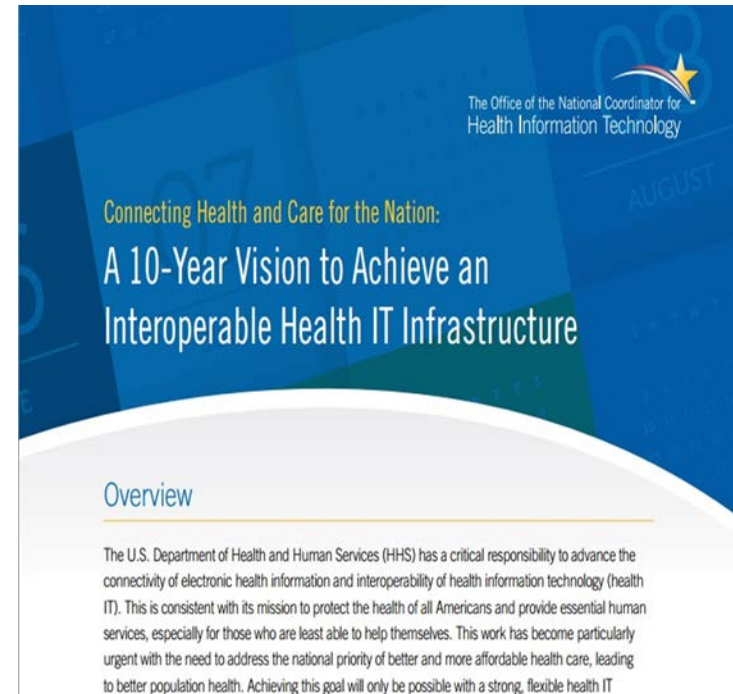
# Interoperability Updates -National Interoperability Roadmap

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- Formally: The ability of two or more systems or components to exchange information and to use the information that has been exchanged. IEEE Standard Computer Dictionary(New York, NY: 1990)
- In simple terms: All individuals, their families, and their health care providers have appropriate access to health information that facilitates informed decision-making, supports coordinated health management, allows patients to be active partners in their health and care, and improves the overall health of our population.

- Leverage health IT to increase health care quality, lower health care costs and increase population health
- Focus on supporting health broadly, including but not limited to health care delivery
- Build incrementally over time from current technology – multiple methods of exchange required
- Establish best minimum possible interoperability for all; create opportunities for innovation
- Empower and maintain focus on individuals



## 2017

Ensure providers and individuals can send, receive, find and use a basic set of essential health information

## 2020

Expand sources and users of information  
Continue improving quality and lowering cost  
Increase automation  
Scale broadly

## 2024

Precision medicine  
Reduce time from evidence to practice  
Virtuous learning cycle (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

- ONC committed to leading the development of a shared, national interoperability roadmap in the 10 year concept paper
- Companion document to vision paper that focuses on chartering a course toward the vision
- Includes, but not limited to federal government
- Will adhere to guiding principles in the vision paper
- Structure will be based on the vision, building blocks, and milestones described in the vision paper

**A roadmap provides a path forward; everyone can rally behind it; collectively update it over time**

***We anticipate the roadmap addressing things like:***

- What are the critical technologies and policies (including governance) required to achieve the vision?
- Who needs to do what and by when? (including government, technology developers, technology users)
- How will the roadmap be updated over time and at what frequency ?

# Guiding Principles – Examples of Tension

Build upon existing health IT infrastructure

One size does not fit all

Empower individuals

Leverage the market

Simplify

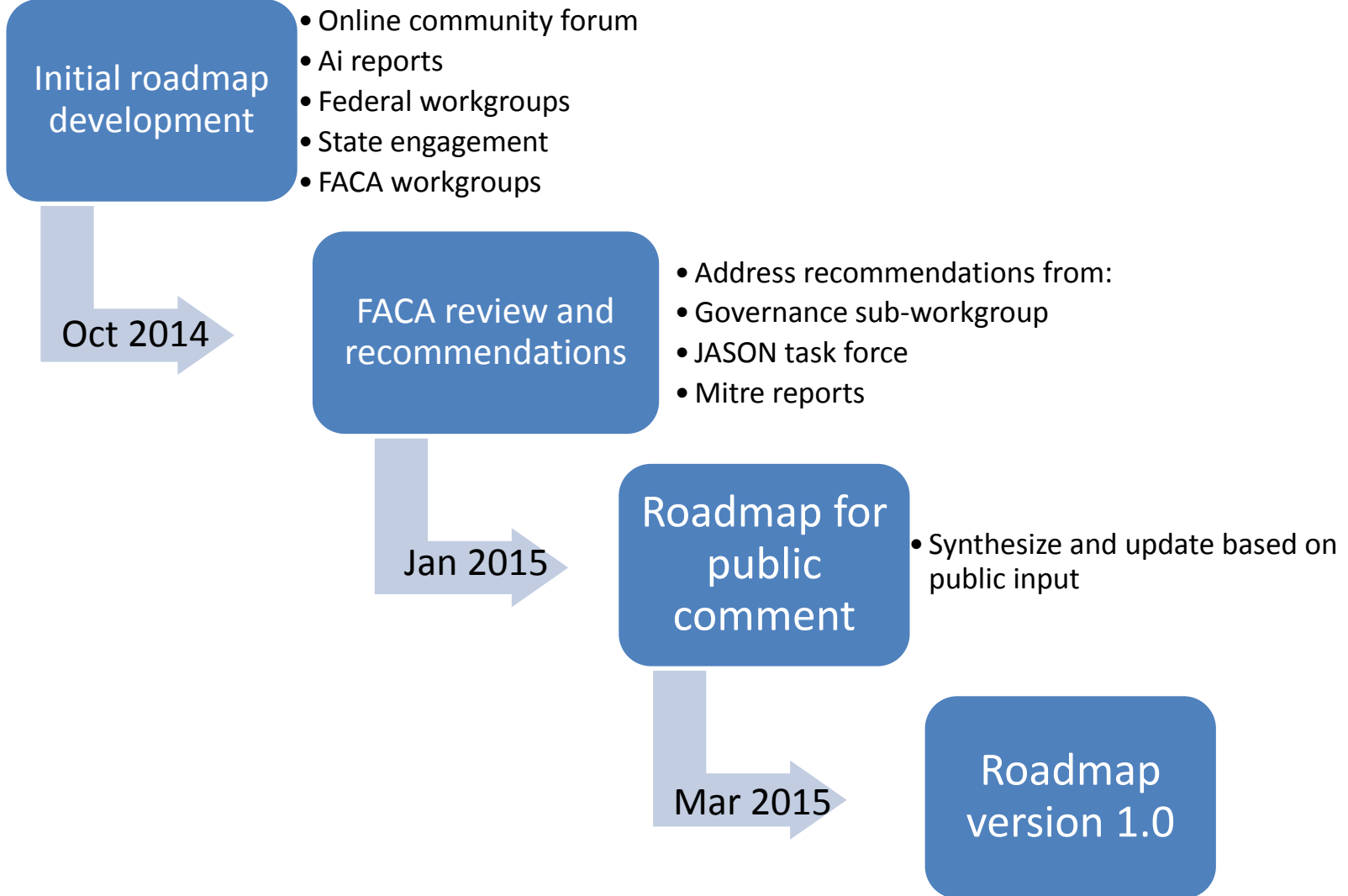
Maintain modularity

Consider the current environment and support multiple levels of advancement

Focus on value

Protect privacy and security in all aspects of interoperability

# Overview of Roadmap Process & Timeline





- This week ONC is launching an online forum with a general solicitation for input [www.healthit.gov/interoperability-community](http://www.healthit.gov/interoperability-community)
- Health IT Buzz Blog with link
- Asking for input on:
  - Priorities
  - Use cases (to id and validate requirements)
  - Critical actions within each of the building blocks