



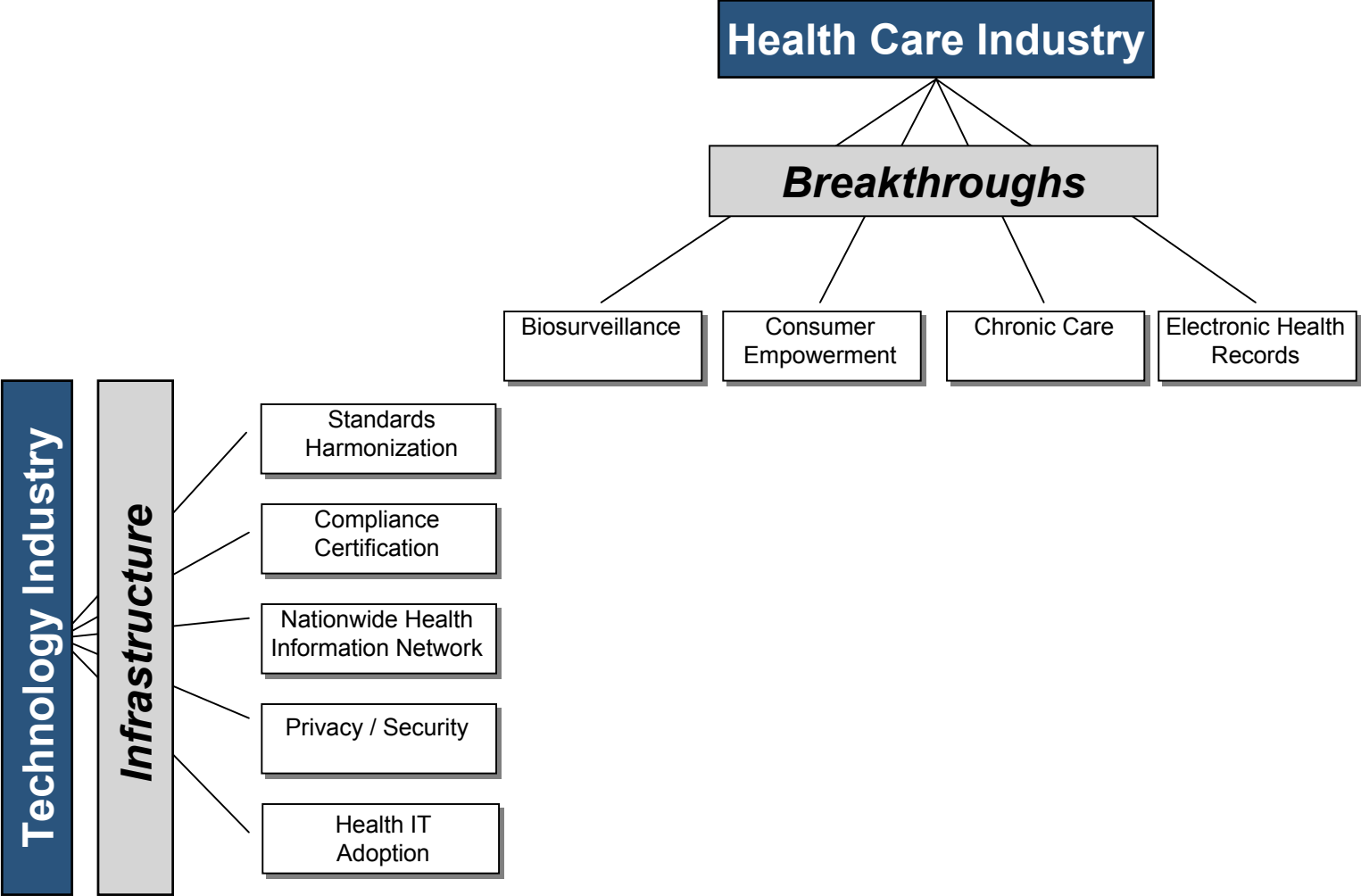
Biosurveillance and the National Health IT Agenda

John W. Loonsk, MD

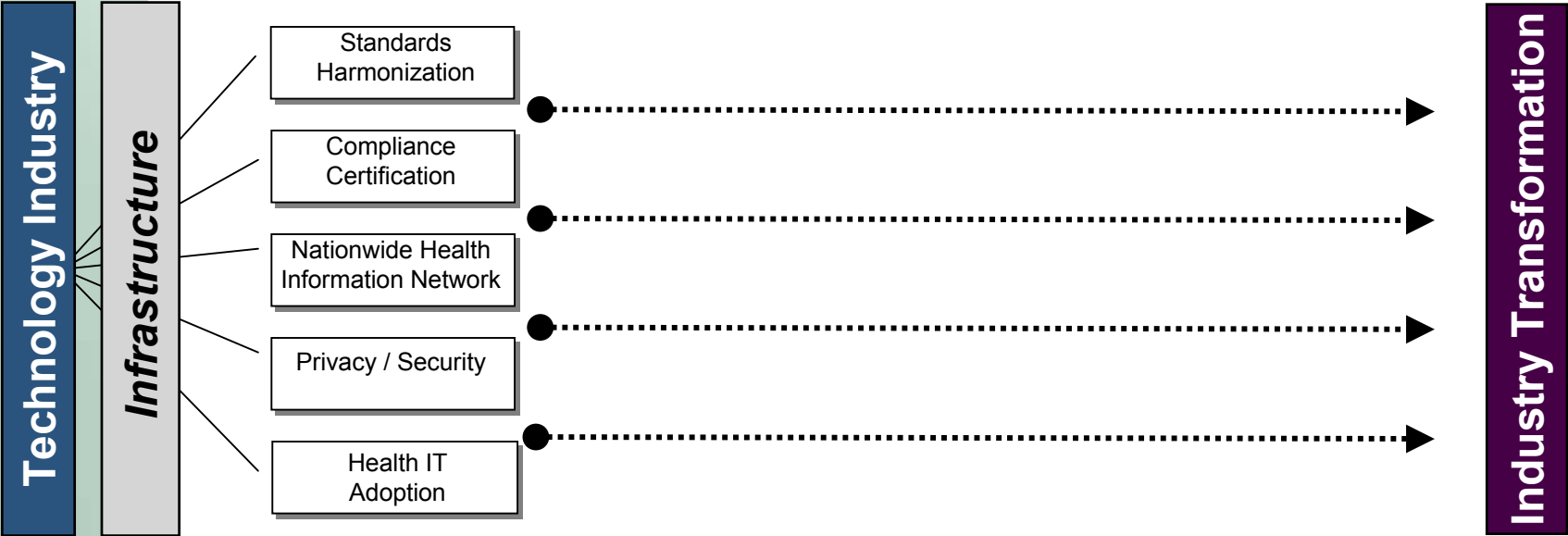
**Director of Interoperability and Standards
Office of the National Coordinator for Health Information Technology**

April 11, 2006

Health Information Technology Deployment



Health Information Technology Deployment



The American Health Information Community

- Federal Advisory Committee appointed and chaired by Secretary Leavitt
- Nine public sector and eight private sector appointees
- Initial recommendations:
 - Prioritize Health IT initiatives
 - Identify breakthrough opportunities including:
 - Biosurveillance
 - Consumer empowerment
 - Electronic health records
 - Chronic care monitoring
 - Ensure privacy and security protections
 - Harmonize industry-wide health IT standards
 - Create an internet-based nationwide health IT architecture

Initial Community Breakthrough Areas

Biosurveillance

Broad Area:

To make recommendations to the Community to implement the informational tools and business operation to support real-time nationwide public health event monitoring and rapid response management across public health and care delivery communities and other authorized government agencies.

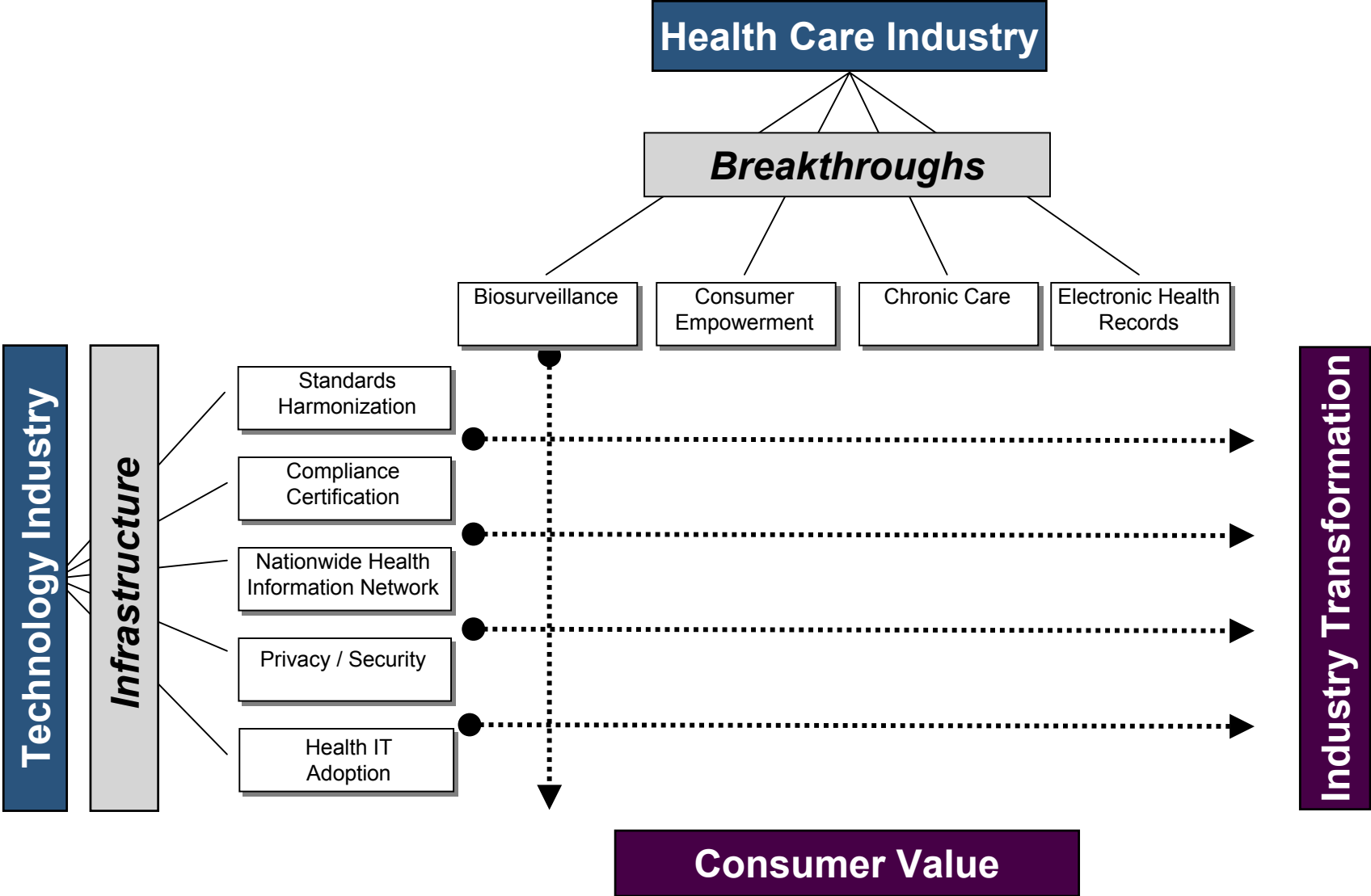
Specific Area:

To make recommendations to the Community so that within one year, essential ambulatory care and emergency department visit, utilization, and lab result data from electronically enabled health care delivery and public health systems can be transmitted in standardized and anonymized format to authorized public health agencies within 24 hours.

AHIC Biosurveillance Working Group

- Biosurveillance data need to support:
 - Initial detection of events (developmental)
 - Situational awareness
 - Outbreak management
 - Response support
- Needs at local, state and federal levels for information
- Like other “breakthrough” areas, there are obstacles to and opportunities for making this activity move forward

Health Information Technology Deployment



Biosurveillance Activities

- Health Information Technology Standards Panel
 - “Named standards” for Biosurveillance use case
 - “Interoperability Specifications” – implementation level guidance
- Nationwide Health Information Network Process
 - Architectures for anonymization, transmission, reporting, etc.
 - Functional requirements forum (including Biosurveillance use case) in June
 - Specification needs, security and business models later in year
- Certification Commission for Health Information Technology
 - Certification criteria for:
 - Ambulatory EHR’s
 - Inpatient
 - Interoperability and networking
- Others...

- Questions?