# *Standards and the National HIT Agenda*

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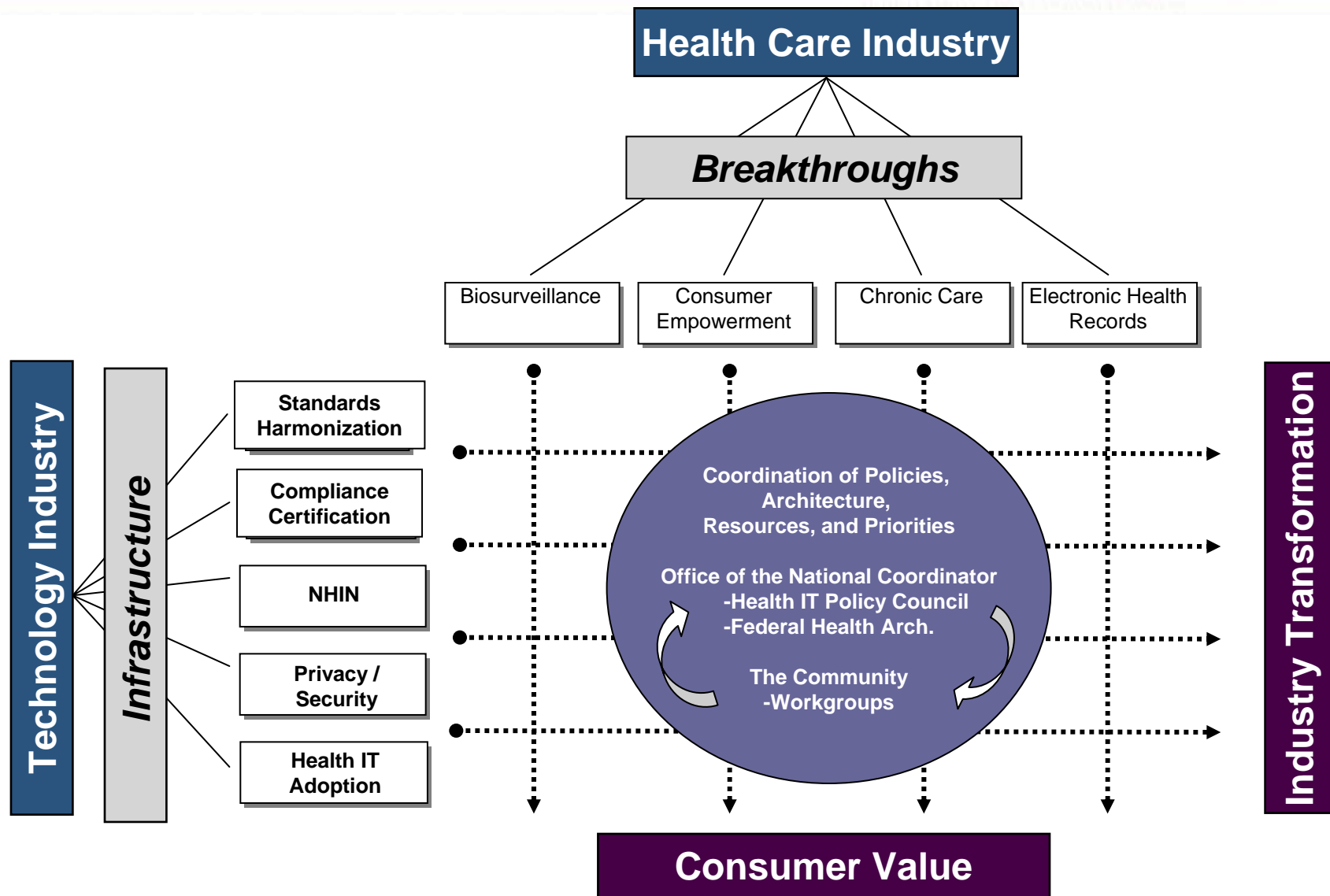
**September 2006**

# Standards and the National HIT Agenda

- ● **Context of the National Agenda**
  - – Infrastructure
  - – Breakthroughs

- ● **Next Steps**
  - – Needs of a Nationwide Health Information Network
  - – Enabling the consumer
  - – Security and confidentiality

- ● **Questions and Answers**

# HIT Agenda

**Health Care Industry**

**Breakthroughs**

| Biosurveillance | Consumer Empowerment | Chronic Care | Electronic Health Records |
|---|---|---|---|

**Technology Industry**

*Infrastructure*

- Standards Harmonization
- Compliance Certification
- NHIN
- Privacy / Security
- Health IT Adoption

Coordination of Policies, Architecture, Resources, and Priorities

Office of the National Coordinator
-Health IT Policy Council
-Federal Health Arch.

The Community
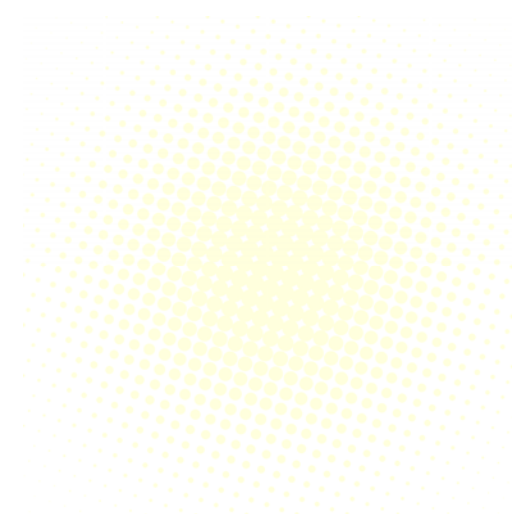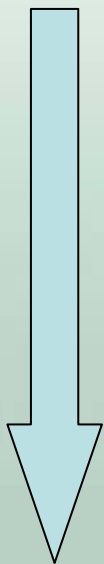-Workgroups

**Industry Transformation**

**Consumer Value**

# Specificity and Coordination of Breakthroughs

- ## Breakthrough / Use Cases
  - Value determination and prioritization
  - Incentives
    - Executive order
    - Stark and anti-kickback relief
  - Barrier removal
  - Regulation
  - Specificity
    - Standards
    - Architecture
    - Certification

# Use Cases and Products

- ## Specificity vs. architectural determinism
  - Limited points of constraint
  - Highly specify those points

- ## Some of what is

- ## Push the envelope toward next stages of adoption – what will be

- ## Aspects of data, process, policy needs and practical implementation

# Infrastructure and Standards

- Ongoing public – private processes to meet critical needs for industry transformation
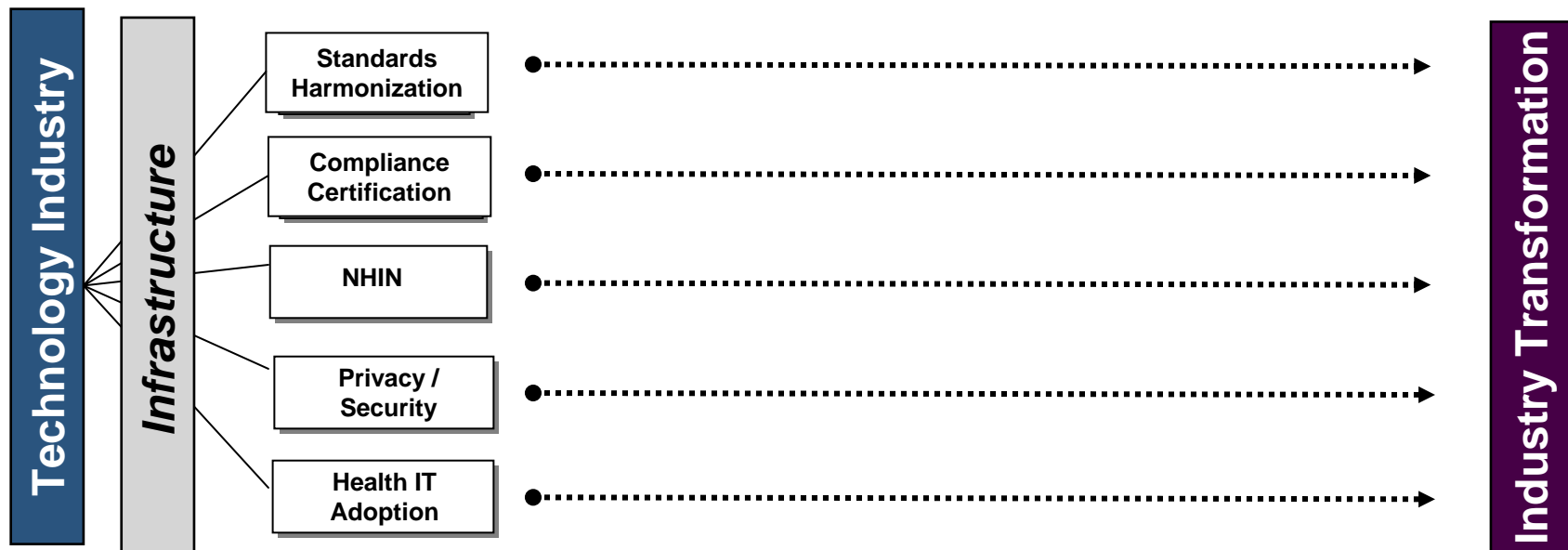
# Health Information Technology Standards Panel

- ## What it is about
  - Over 200 participant organizations from different industry sectors
  - Harmonization
  - Gaps
  - Specificity

- ## Products
  - "Named" Standards
  - Interoperability Specifications

# Certification Commission on Health Information Technology

- ## What it is about
  - Ensuring safe investment in systems and technology
  - Reliable determination of functionality, security and interoperability

- ## Products
  - Ambulatory Care EHR criteria - 2006
  - Inpatient EHR criteria - 2007
  - Networking criteria - 2008
  - Certification testing process and seal
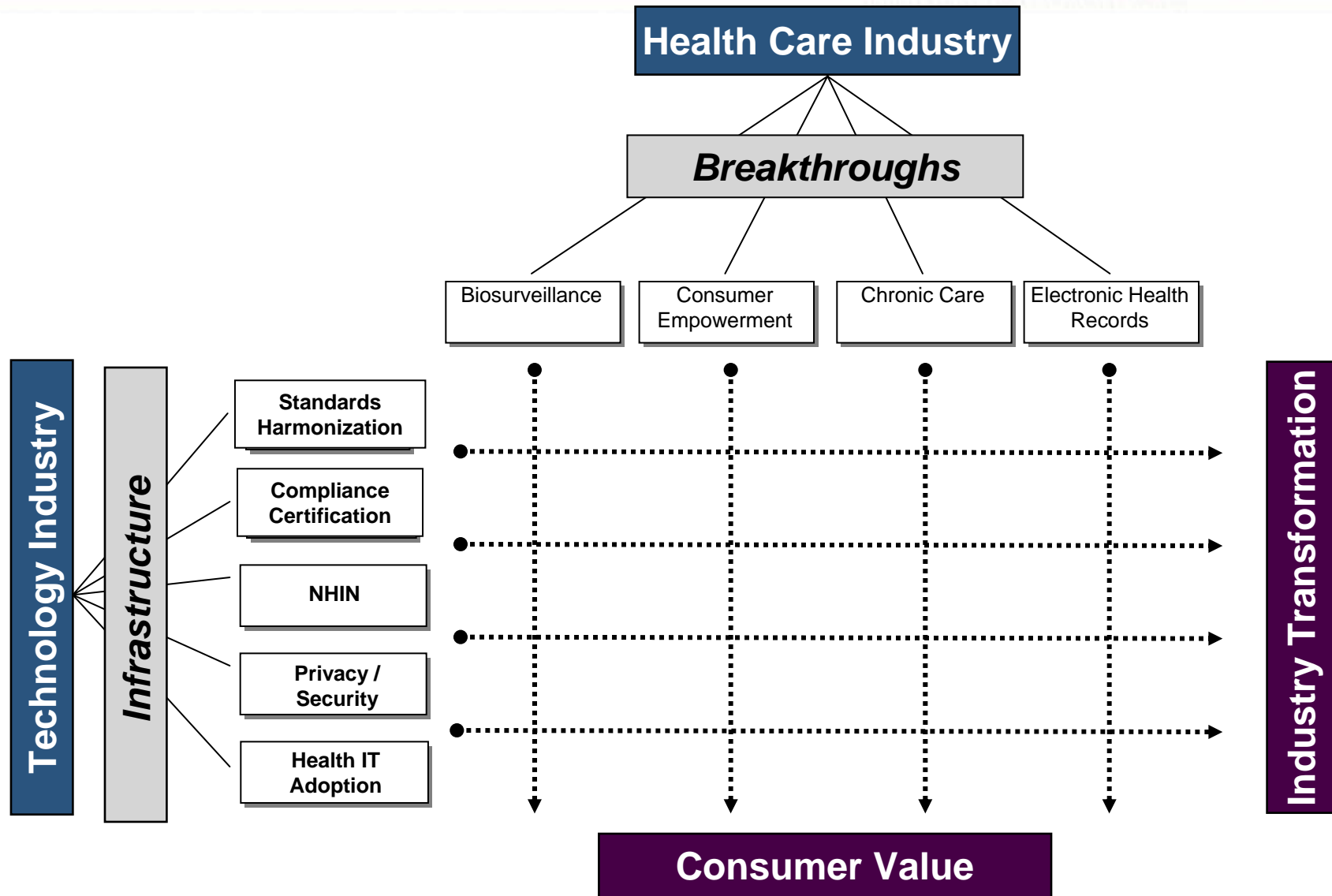  - Specialty EHR's and components of PHR's?

# Nationwide Health Information Network

- ## What it is about
  - Health information network services to facilitate the accurate, appropriate, timely, and secure exchange of health information

- ## Products
  - Prototype architectures
  - Public fora
  - Architecture artifacts
    - Functional requirements
    - Business, operations, security models

# Security and Confidentiality

- ## What it is about
  - Efforts to ensure technology and policies for protection of patient information and confidentiality

- ## Processes
  - Evaluation of variations in different states and locales
  - Recommendations for practical implementation from the Security Privacy and Confidentiality working group
  - Security architectures from NHIN initiative, standards from HITSP, testing from CCHIT

# HIT Agenda

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# Breakthroughs

American Health Information Community (AHIC)
- EHR – Lab result reporting
- Consumer Empowerment – Registration and Med History
- Biosurveillance – Connecting clinical care to public health
- Chronic Care – Secure messaging*

- Emergency responder EHR
- Quality measurement and reporting
- Existing AHIC working groups
  - Immediate priority areas
  - Visioning for next steps of adoption

# Other Priority Needs for Standards etc.

- Security infrastructure
- Networking support
  - Record location
  - Need to know
    - access control support
    - consumer centered information access
  - Inter-organizational auditing
  - Data persistence and the medico-legal record

- Questions?