Office of the National Coordinator for Health Information Technology
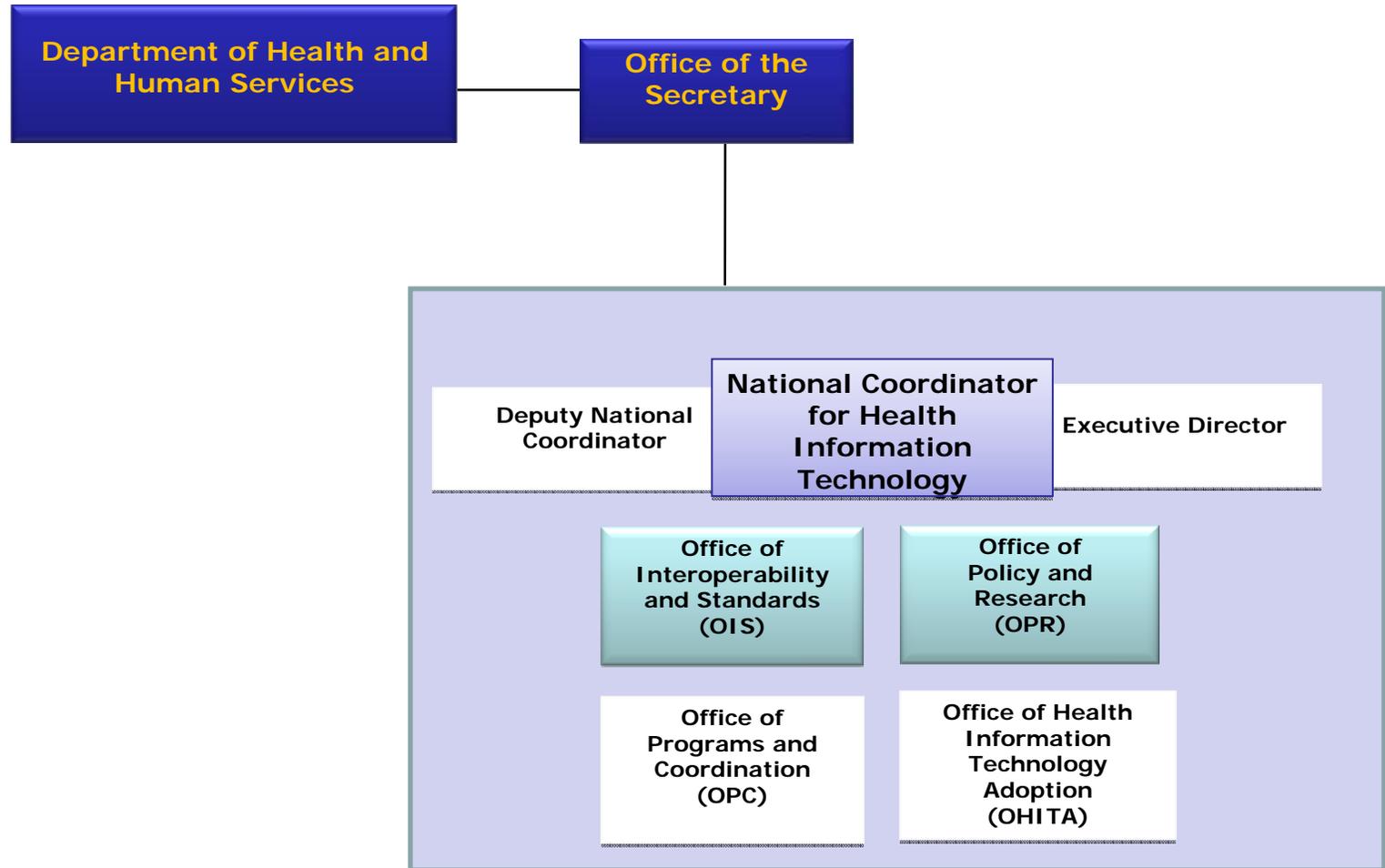
ONC, HIEs, and Security Standards: Navigating in the Alphabet Soup

Deborah Lafky, MSIS, Ph.D., CISSP

January 16, 2008

CMS-NIST HIPAA Security Rule Workshop

Office of the National Coordinator for Health Information Technology (ONC)

Department of Health and Human Services — Office of the Secretary

Deputy National Coordinator

National Coordinator for Health Information Technology

Executive Director

Office of Interoperability and Standards (OIS)

Office of Policy and Research (OPR)

Office of Programs and Coordination (OPC)

Office of Health Information Technology Adoption (OHITA)

Security Activities: Functional Overview

Office of Interoperability and Standards (OIS)

- **Nationwide Health Information Network (NHIN)**

- **Health Information Technology Standards Panel (HITSP)**

- **Certification Commission for Health Information Technology (CCHIT)**

Federal Staff:

Director: John Loonsk, MD

Analysts: Carol Bean, Ph.D.
Deborah Lafky, Ph.D.

Security Activities: Functional Overview

Office of Policy and Research (OPR)
- Legislation and regulation
    - HIPAA security and privacy rules
- Privacy Principles*
- Security Framework*
- Consumer Privacy and Security WG (AHIC)
- Fraud/Identity theft prevention
- NCVHS (consumer controls and consent)
- State Alliance
- HISPC

Federal Staff:

Director: Jodi Daniel, JD

Analysts: Morris Landau, JD
Steven Posnack, MS
Betsy Ranslow, OT

In progress for 2008

ONC-Related Standards Activities

ONC
Office of the National Coordinator

Federal agency

Initiates/Coordinates efforts across Federal sector, influences private sector, encourages standards development

AHIC
American Health Informatics Community

Federal Advisory Committee (FACA), chaired by Secretary of HHS

Identifies needed standards, accepts/recommends HITSP interoperability specifications

HITSP
Health Information Technology Standards Panel

Federal Contractor

Identifies accepted standards applicable to AHIC use cases, develops interoperability specifications, identifies unfilled standards needs.

NHIN
Nationwide Health Information Network

Federal Contractors+Federal Consortium

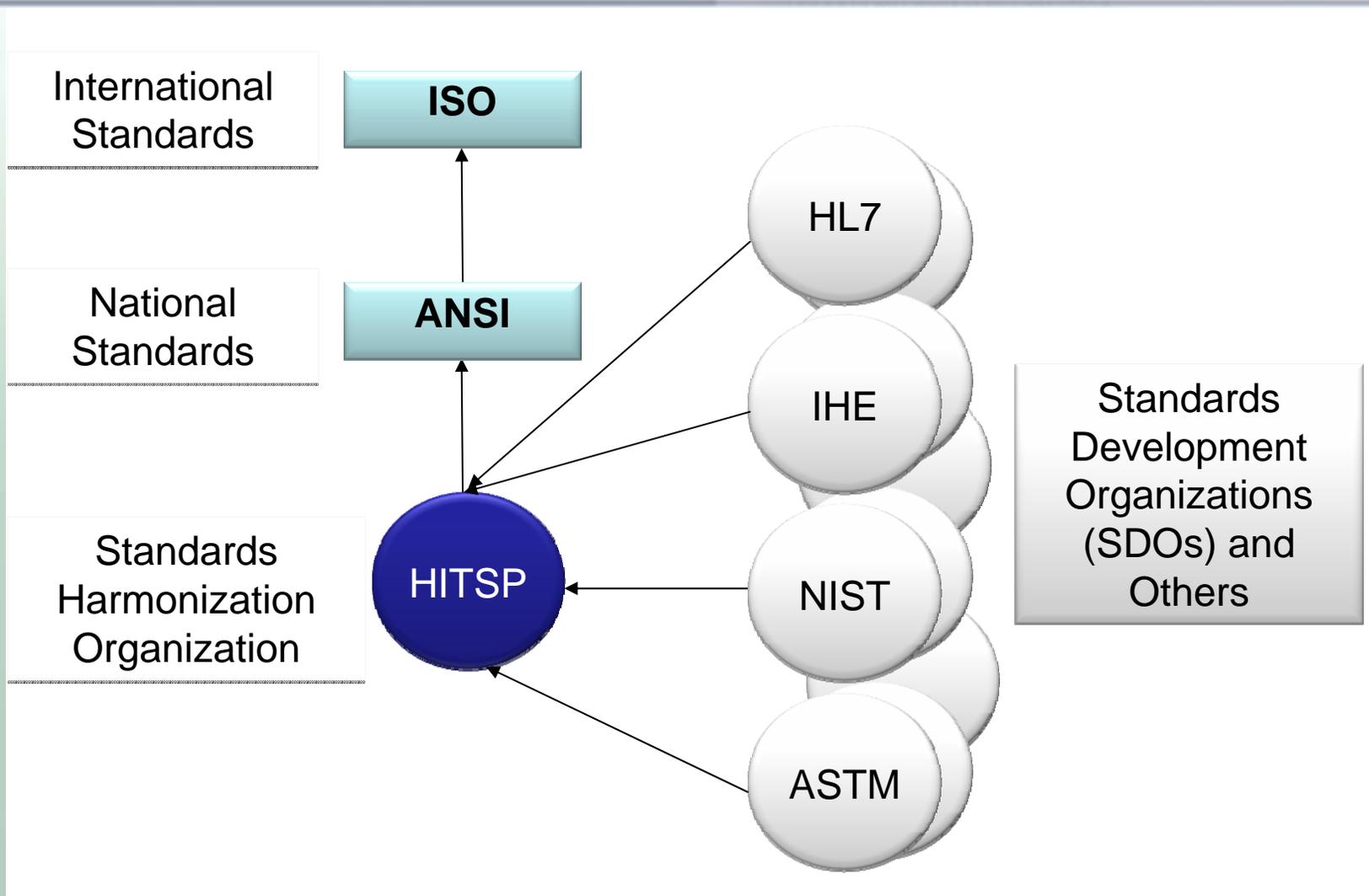*Applies standards in trial implementations. Identifies gap areas for referral to standards development.*

CCHIT
Certification Commission for Healthcare Information Technology

Federal Contractor

Develops certification criteria to test for standards compliance. Certifies products.
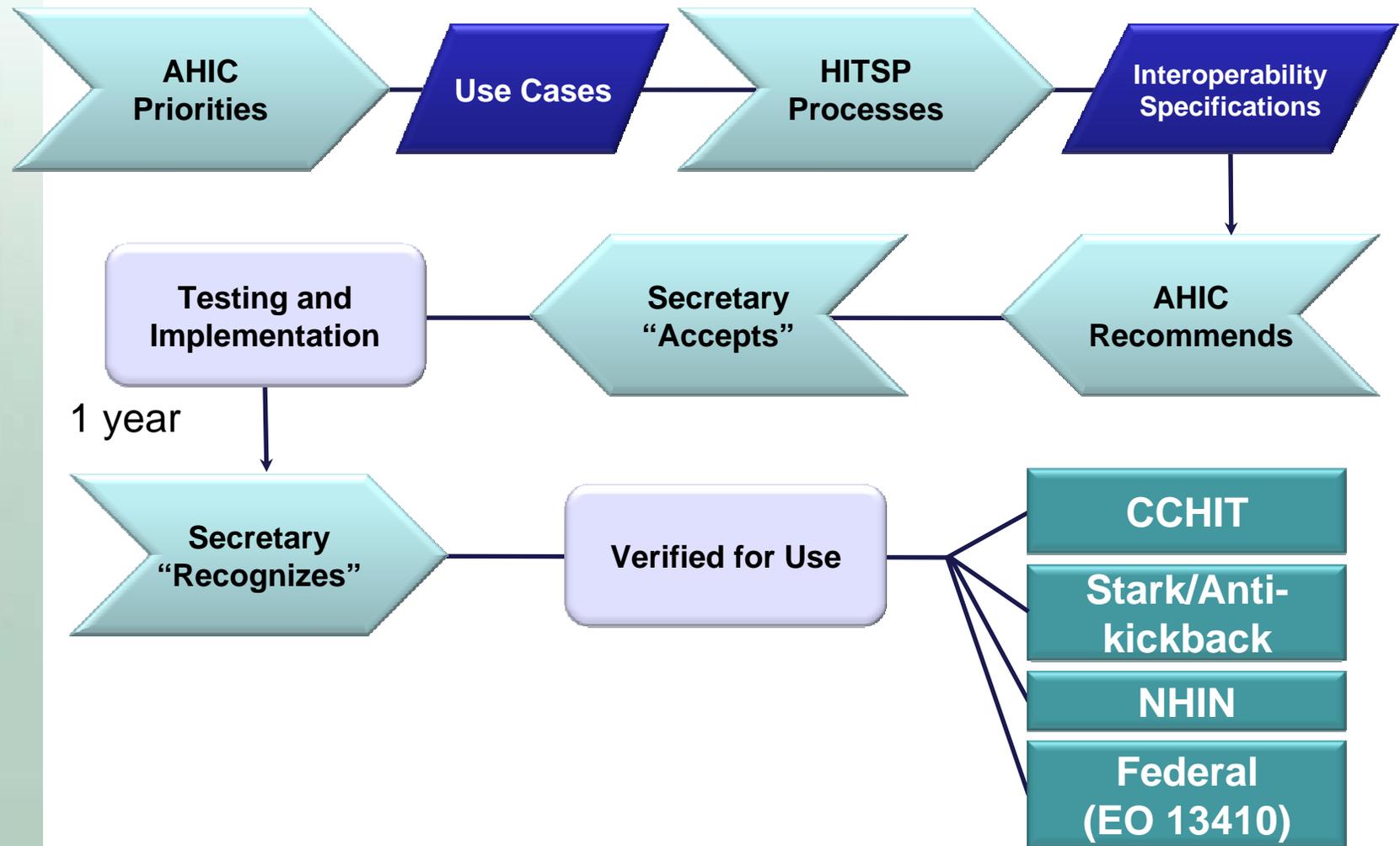
The Role of HITSP in the Standards World

International
Standards

National
Standards

Standards
Harmonization
Organization

ISO

ANSI

HITSP

HL7

IHE

NIST

ASTM

Standards
Development
Organizations
(SDOs) and
Others

HITSP's Organization

John Loonsk, MD
Program Officer
ONC

John Halamka, MD
Chair

Technical
Committees
(Volunteer)

Project Management Team
Executive: F. Schrotter, ANSI
Program Manager: L. Jones, GSI
Deputy PM: J. Corley, ATI
Project Manager: J. Pooley, BAH

Standards Acceptance Process

AHIC Priorities → Use Cases → HITSP Processes → Interoperability Specifications

Interoperability Specifications → AHIC Recommends → Secretary "Accepts" → Testing and Implementation

1 year

Testing and Implementation → Secretary "Recognizes" → Verified for Use → CCHIT / Stark/Anti-kickback / NHIN / Federal (EO 13410)

Effect on NHIN/HIEs

- NHIN Trial Implementations 2008

  - 10 participating exchanges (HIEs)

    - 9 "jurisdictional" HIE contractors+ Federal Consortium

  - Participants to use existing HITSP Interoperability Standards

    - Where standards have not yet been identified, participants to engage HITSP in standards-identification and development effort

  - Standards adoption required for inter-HIE exchange across the NHIN network—optional for intra-HIE transactions

ONC Contact Information

Standards, Interoperability, NHIN:

- **ONC OIS**
  - Deborah.Lafky@hhs.gov
  - Carol.Bean@hhs.gov

HIPAA Security Rule, Privacy/Security Policy:

- **ONC OPR**
  - Steven.Posnack@hhs.gov
  - Elizabeth.Ranslow@hhs.gov
  - Morris.Landau@hhs.gov