

Consolidated Health Informatics (CHI)

Health Information Interoperability Standards in Federal Healthcare

Presentation to NCVHS

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*Presented by Gary A. Christopherson,
Deputy CIO for Health
Department of Veterans Affairs*

CHI Vision *[version 1]*

To enable the sharing of health information in a secure environment to improve health

CHI Vision *[version 2]*

For Federal government healthcare agencies to achieve the health information interoperability they need to more effectively use technology to meet the information exchange requirements to efficiently perform their missions

CHI Goal

To establish Federal health information interoperability standards as the basis for electronic health data transfer in all activities and projects and among all agencies and departments.

CHI Federal Participation

Involves

About **20 partnering agencies** currently include HHS (CMS, CDC, IHS, FDA, etc.), DOD, VA as well as Department of State, SSA, GSA and others.

Approximately **100** medical, technical, policy and management **subject matter experts**

4 Key Elements of CHI

- Adopt health information interoperability standards (a vocabulary that includes specific health data models and communication standards);
- Assure alignment with Health Insurance Portability and Accountability Act (HIPAA) administrative transaction records and code sets;
- Assure alignment with HIPAA security and privacy solutions; and,
- Successful change in the medical information sharing culture.

CHI Strategy

Adopt common health information standards among all of the health-related Federal departments and agencies

Encourage and attract adoption of similar standards by other public and private sector entities

Create a “tipping point,” if necessary, to catalyze the widespread adoption of common health information standards

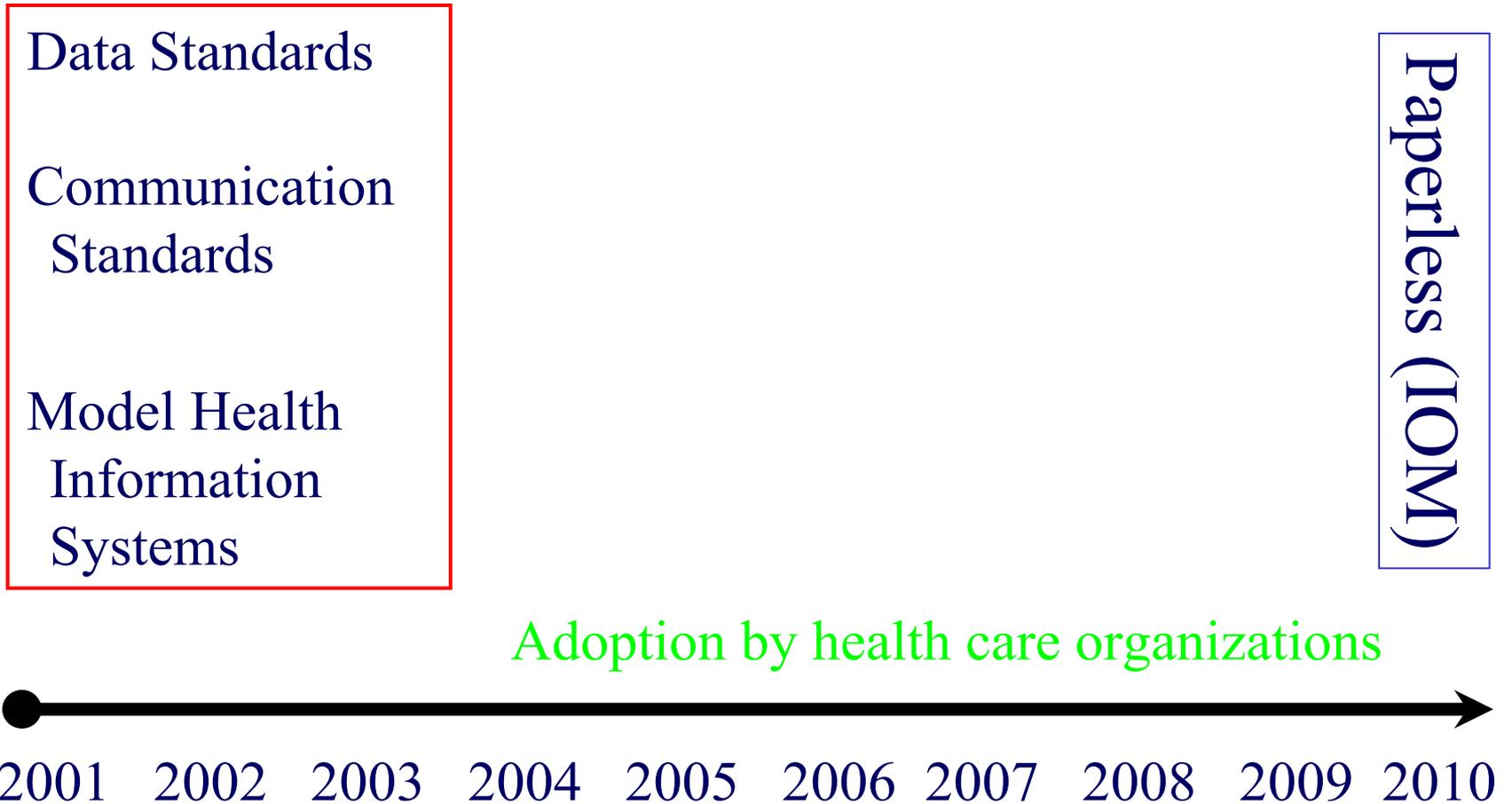
Possible NCVHS Assistance to CHI

- Providing periodic guidance and feedback regarding CHI directions and plans;
- Helping to identify areas needing new standards on which CHI ought to focus;
- Helping to "market" the need for the adopted standards to the rest of the public and private sector; and,
- Partnering with and/or be supportive of the CHI and its participating federal agencies.

The logo consists of a dark blue oval with a lighter blue gradient in the center. The text "Health_e_People" is written in a white, cursive font across the oval. The letter 'e' is underlined with a short horizontal line.

Health_e_People

Potential timetable *



* This table represents discussion at a Kaiser-Permanente and IOM sponsored meeting in October 2001. 10

Toward standards & high performance info systems



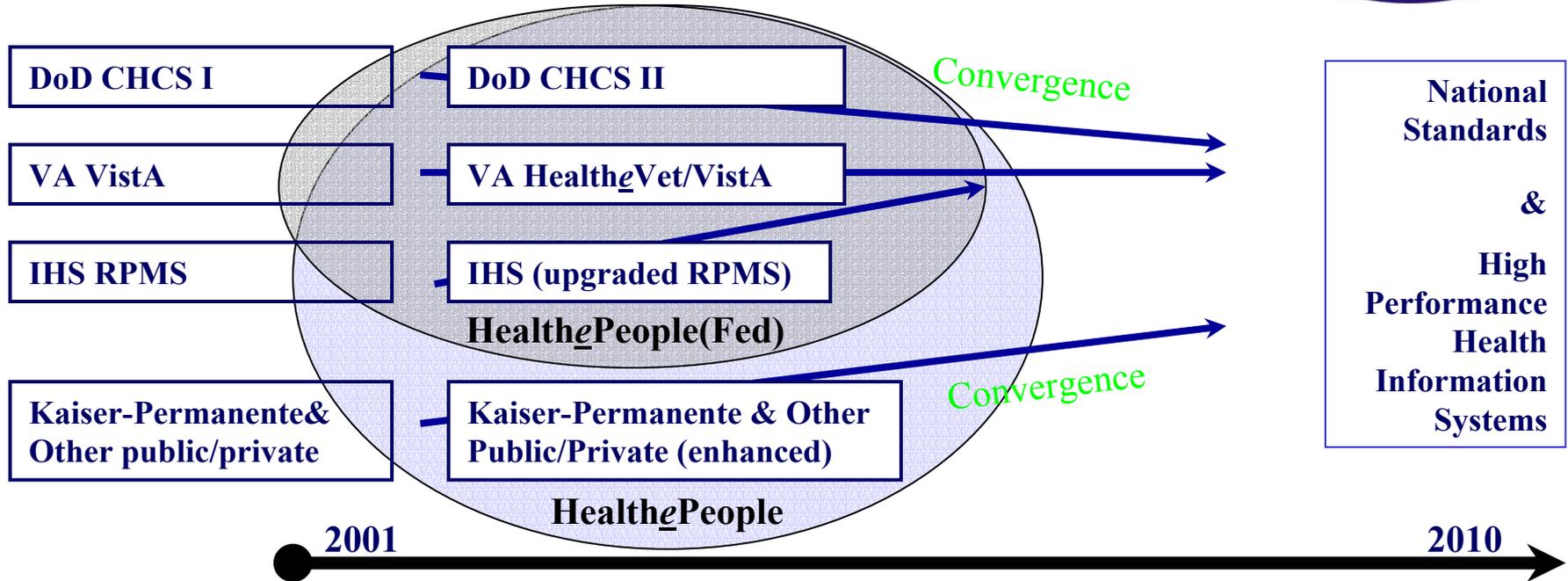
- **HealthPeople Strategy:**

- Federal & Nation to national standards & high performance health info systems supporting ideal health systems

- **HealthPeople Concept:**

- Collaboratively develop by public & private sectors
- Support by consumers, providers, payers & regulators
- Meet consumer, provider, payer & regulator needs
- Build around achieving national architecture standards for data, communications, security, systems, & technical
- Build/buy and implement high performance systems
- Public ownership/sharing of at least one high performance system

Potential sequence of standards & high performance systems



Phase 1 (FY2000-01)

Phase 2 (develop enhanced systems & standards; begin sharing/convergence)

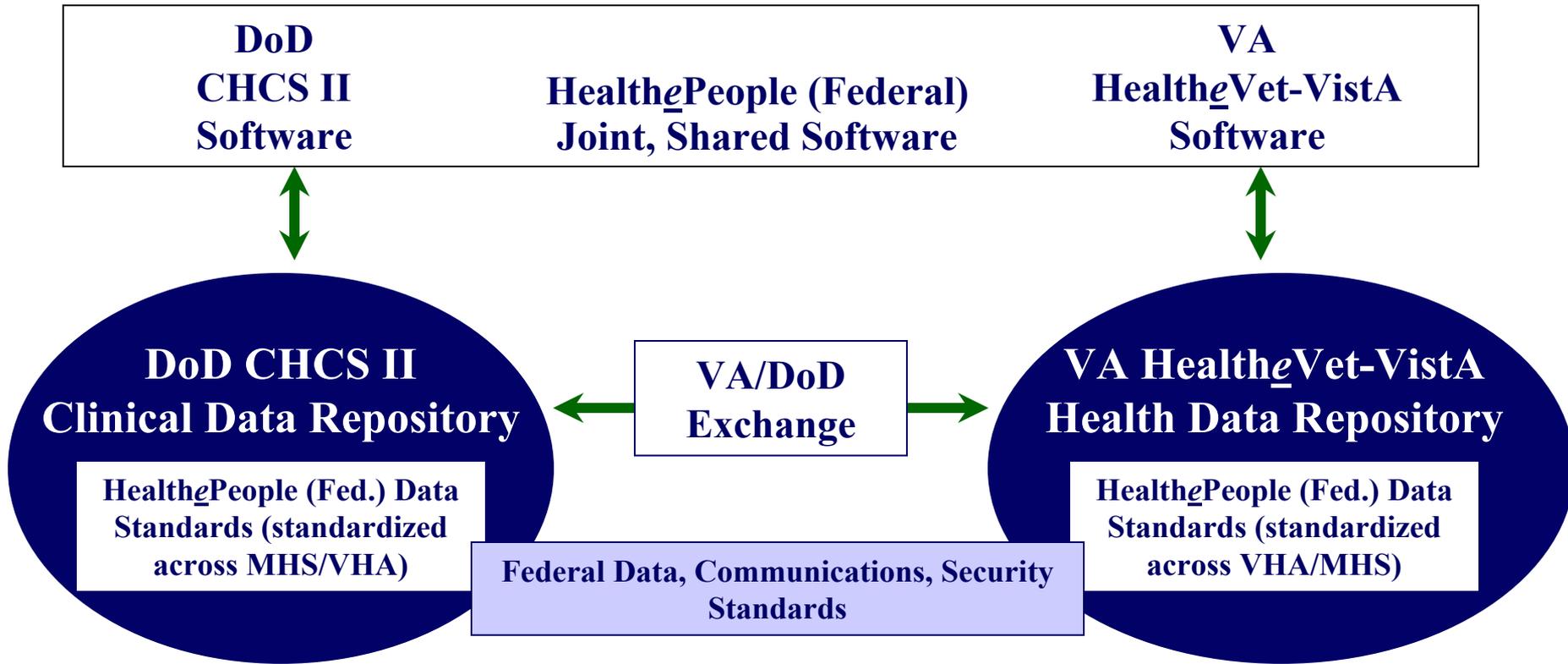
Phase 3 (national standards; high performance systems)

Standards – Separate. Work begun on standards.
Systems – Separate. Work begun on enhanced systems by each agency. Joint efforts begun.
Exchange – One-way from DoD to VA via FHIE/GCPR.

Standards – Jointly develop/set/use data, communications, architecture, security, technical, system standards.
Systems – Develop/use model information systems. Continuing enhanced system development by each agency. Joint procurement/build, sharing, standards when applicable.
Exchange – Two way VA/DoD; two way VA/IHS.

Standards – Nationally accepted standards.
Systems – High performance, interoperable systems.
Exchange – Two way amongst partners.

Computerized Health Records (FY 2005+)



Standards – Jointly use data, communications, architecture, security, technical, software standards; federal standards & potential national standards across public/private sector

Software – VA/DoD/Joint high performance software

Databases – Separate; enterprise-wide w/i each agency

Hardware – Separate; mix of enterprise & local w/i each agency

Exchange – Two-way VA/DoD