

Testimony of HIMSS Electronic Health Record Vendors Association

Hearing on Functional Requirements for the Nationwide Health Information Network

National Committee on Vital and Health Statistics (NCVHS)

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Topics

- EHRVA...progress based on collaboration
- Key NHIN functional requirements
- A suggested **Interoperability Roadmap**
- Phase-in of NHIN requirements
- Enabling transformation: next steps

Background

- **Founded in 2004**
 - Open to HIMSS corporate members who design, develop and market EHRs in the US
- **All major EHR suppliers in the US market**
 - Large and small companies serving ambulatory and acute care provider organizations of all types
- **Key initiatives to support accelerated EHR adoption**
 - Certification
 - Interoperability

Members



ALLSCRIPTS™
Inform. Connect. Transform.



Companion Technologies



GE Healthcare



* Acquired by Allscripts January 2006

Members

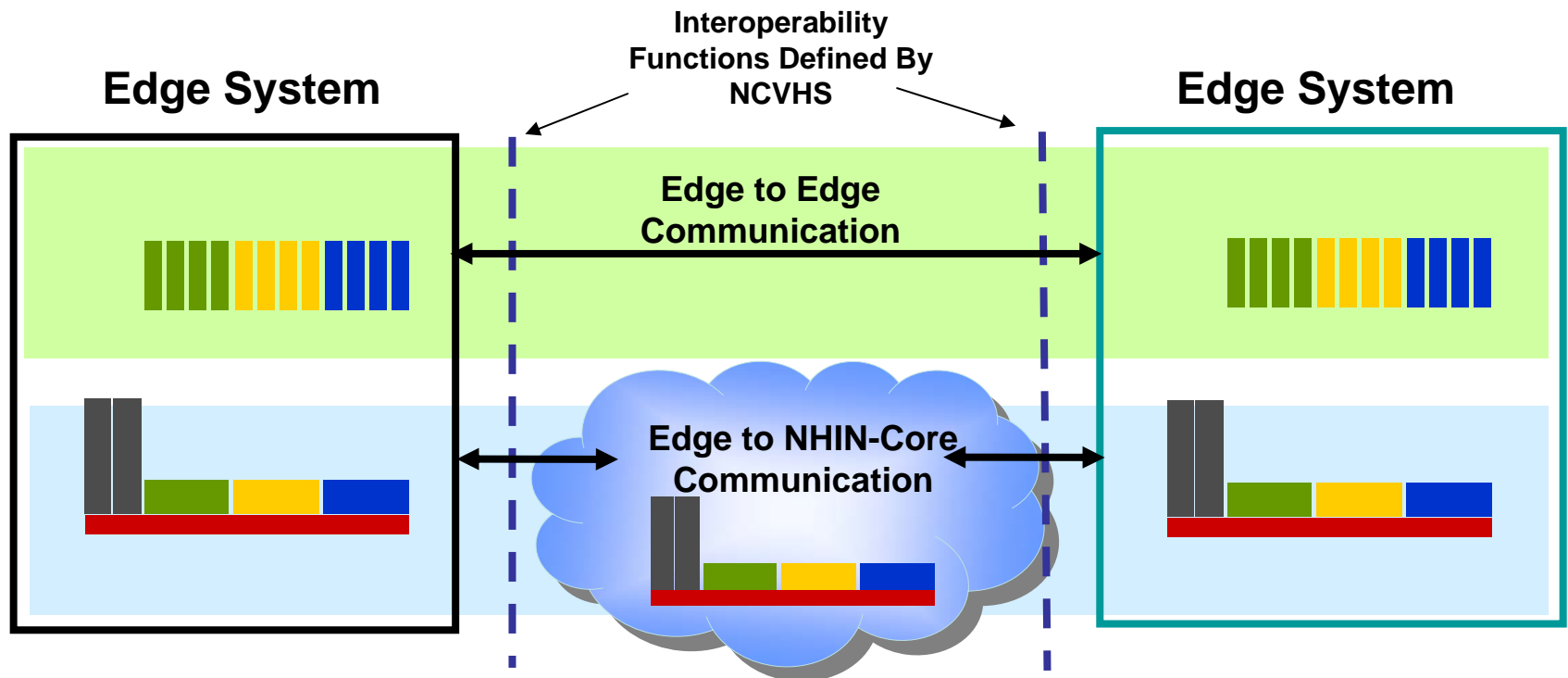


Essential Factors to Achieving Interoperability Goals

- Follow a **benefit-based, incremental** approach
- Promote **industry collaboration, standards planning, & convergence**
- Utilize **industry best practices** for profiling & testing standards
- Adopt a **single set of interoperability standards**
- Ensure standards support **multiple levels of sophistication**, now & in future

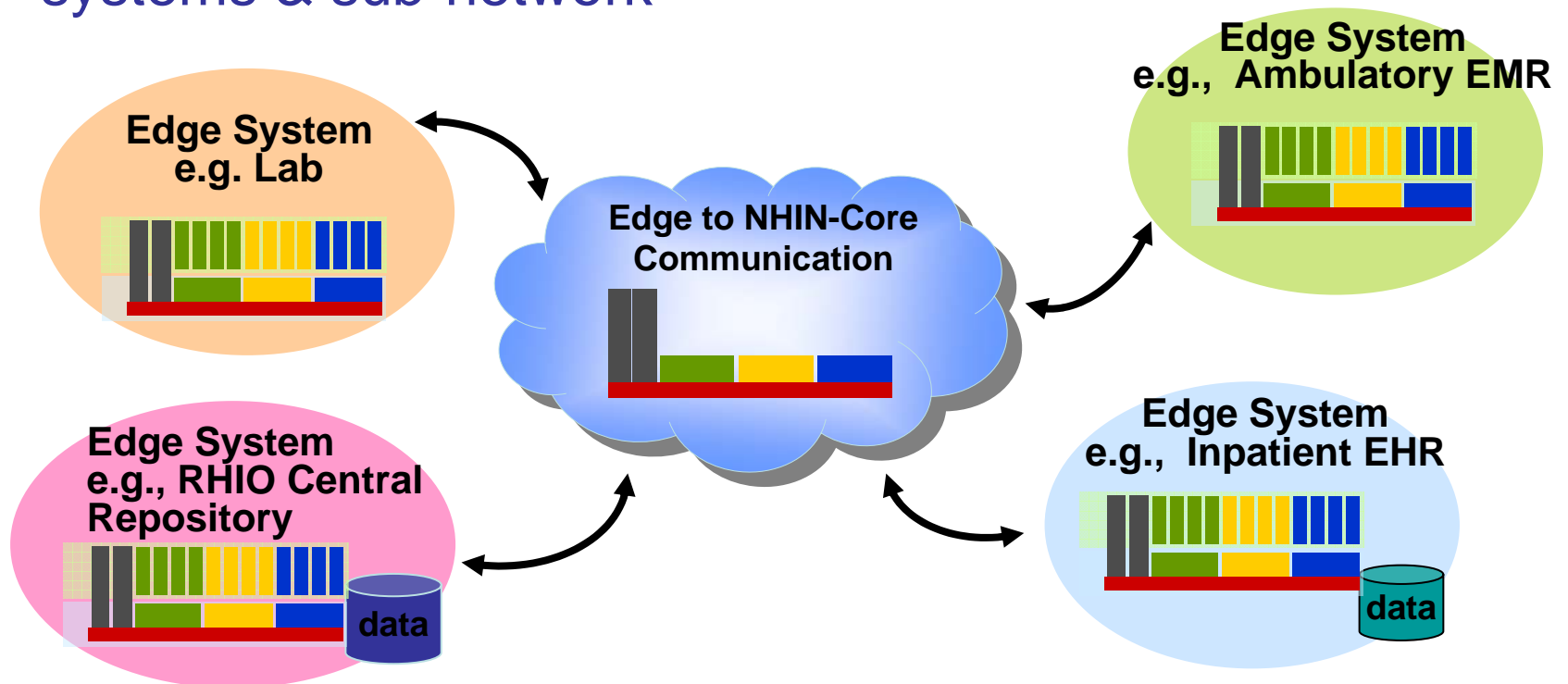
Requirement 1: Allow “Edge” Systems to Retain Functionality & Autonomy

- Leverage functionality of edge systems...where workflow innovation occurs
- Cost-effective... minimize core duplication of services



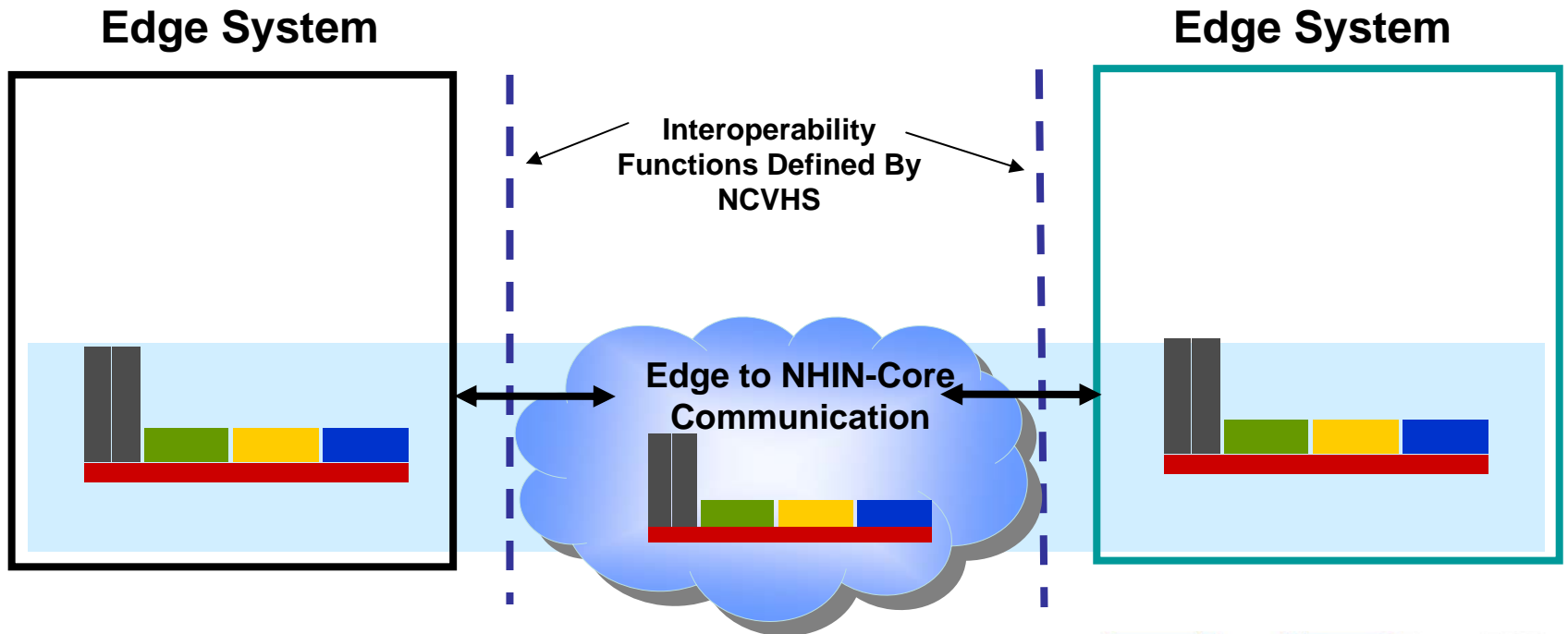
Requirement 2: Allow Flexibility to Support Multiple Architectures

- Minimize proliferation of interfaces for different data storage schemes
- Flexibility to evolve configurations between edge systems & sub-network



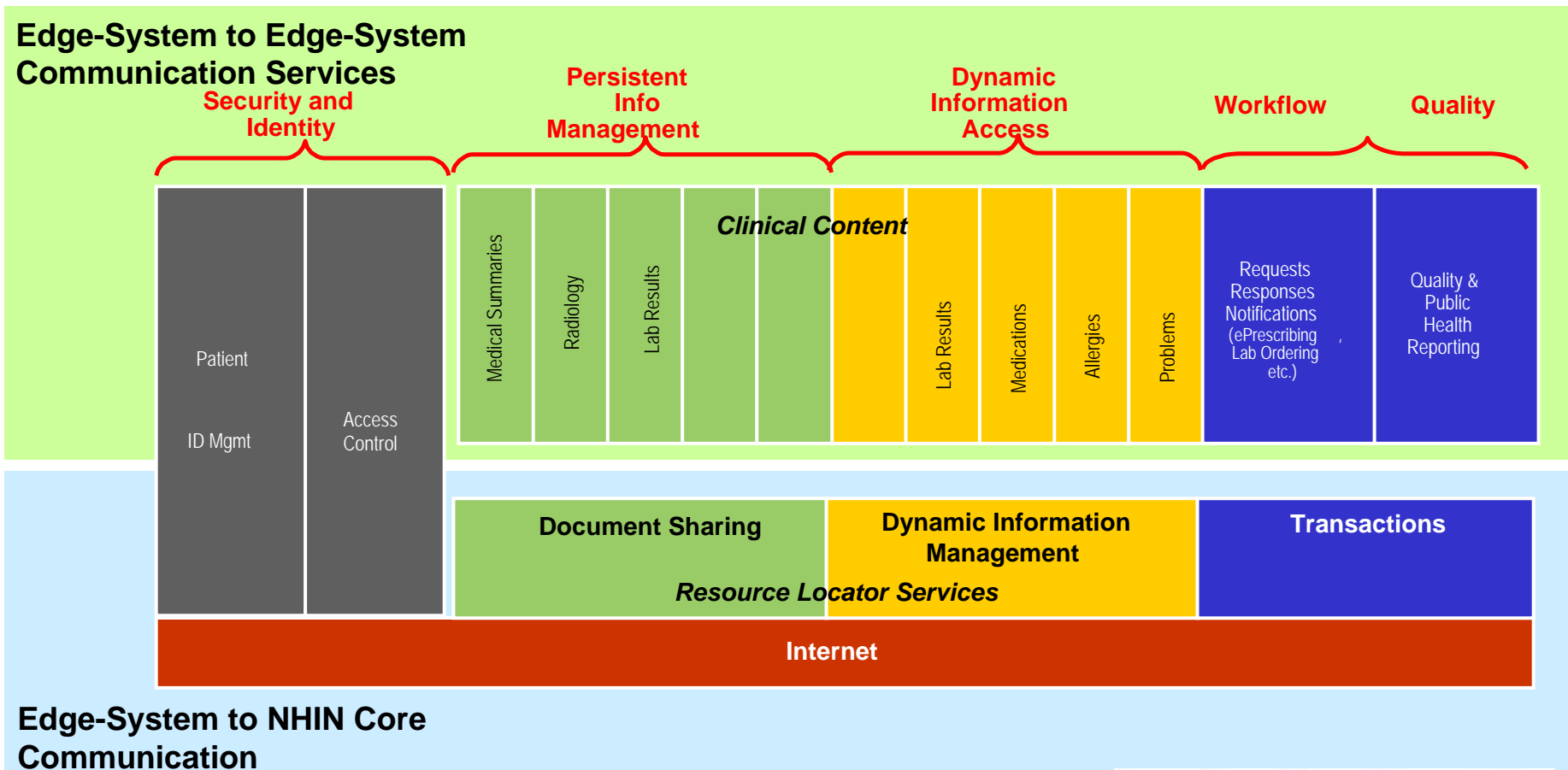
Requirement 3: “Thin” NHIN Core

- Limit NHIN Core functions, ensuring robust interoperability between Edge systems
- Ensure transparency at the boundaries between Core & Edge systems & between Edge systems



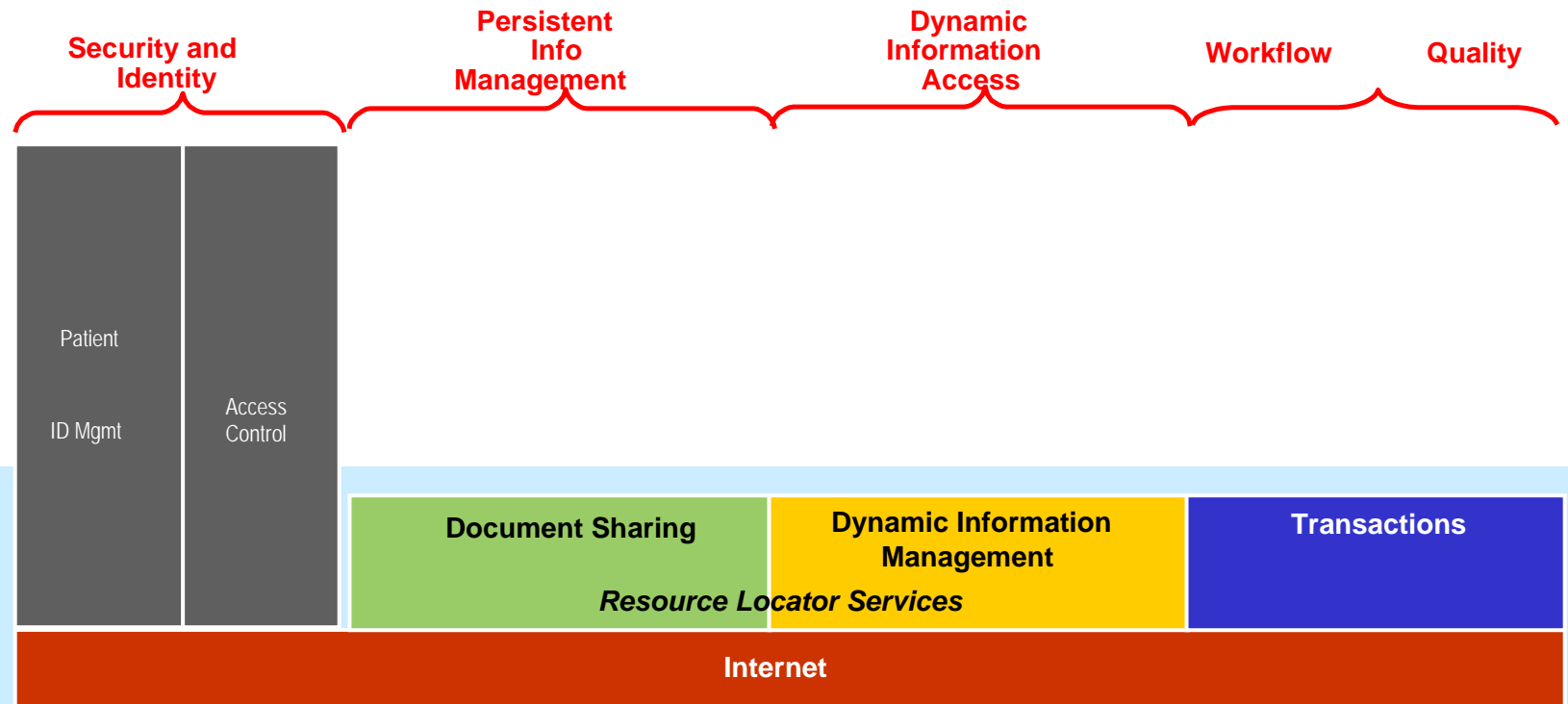
EHRVA Interoperability Roadmap

- Five communication services building blocks
- Framework that supports incremental evolution
- Transparency between Edge Systems & Edge to NHIN Core Interface



EHRVA Interoperability Roadmap

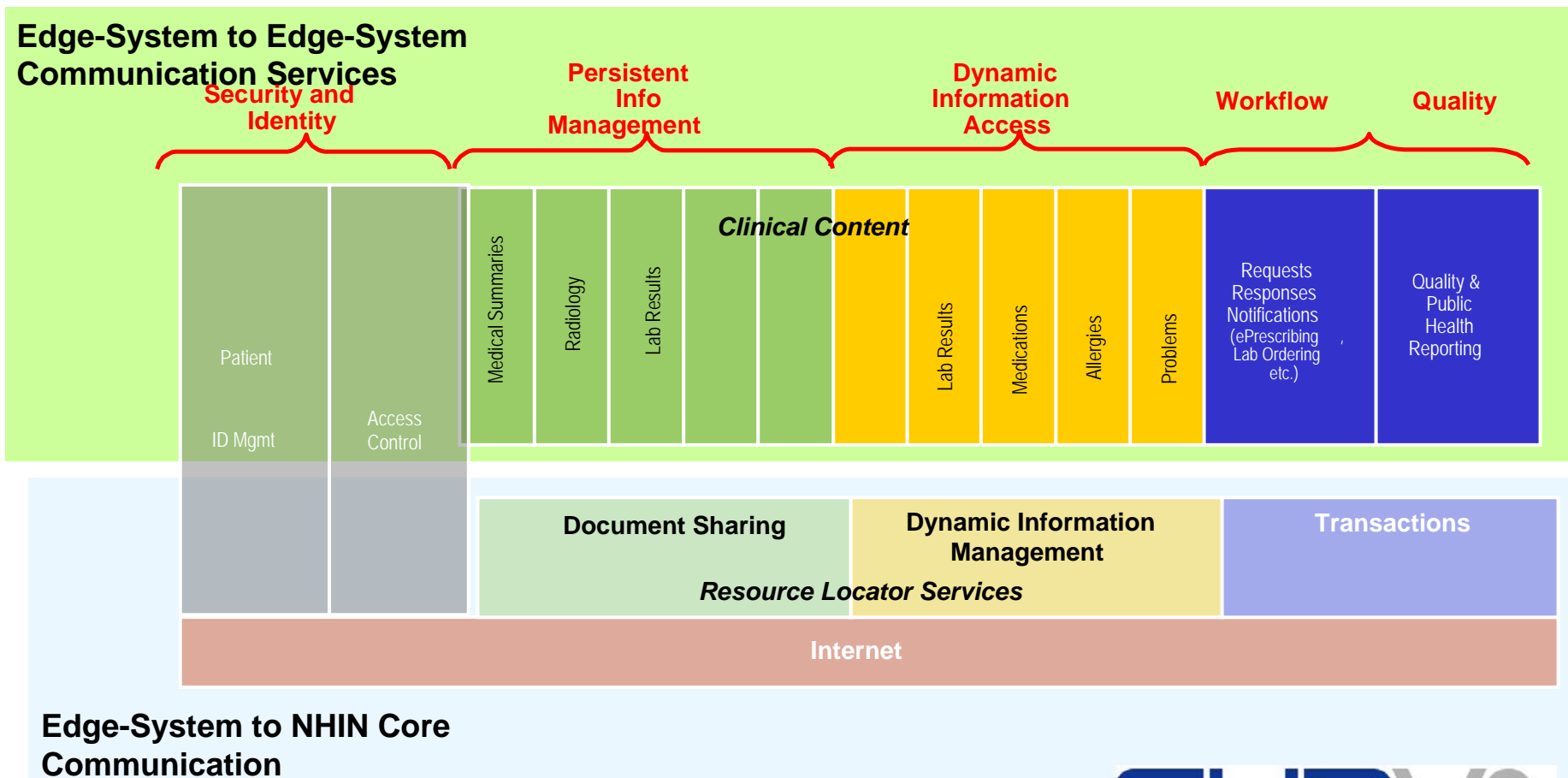
- Edge-system to NHIN-Core Services
 - Security, Access Control
 - Patient ID Mgmt, Record Locator Services



Edge-System to NHIN Core
Communication

EHRVA Interoperability Roadmap

- Edge-system to Edge-system services



Phase-in of Communication Services

Phase 4: Active Quality Reporting & Health Surveillance

Phase 3: Advanced Clinical Support & Access Control

Phase 2: Share Diagnostic Results & Therapeutic Information

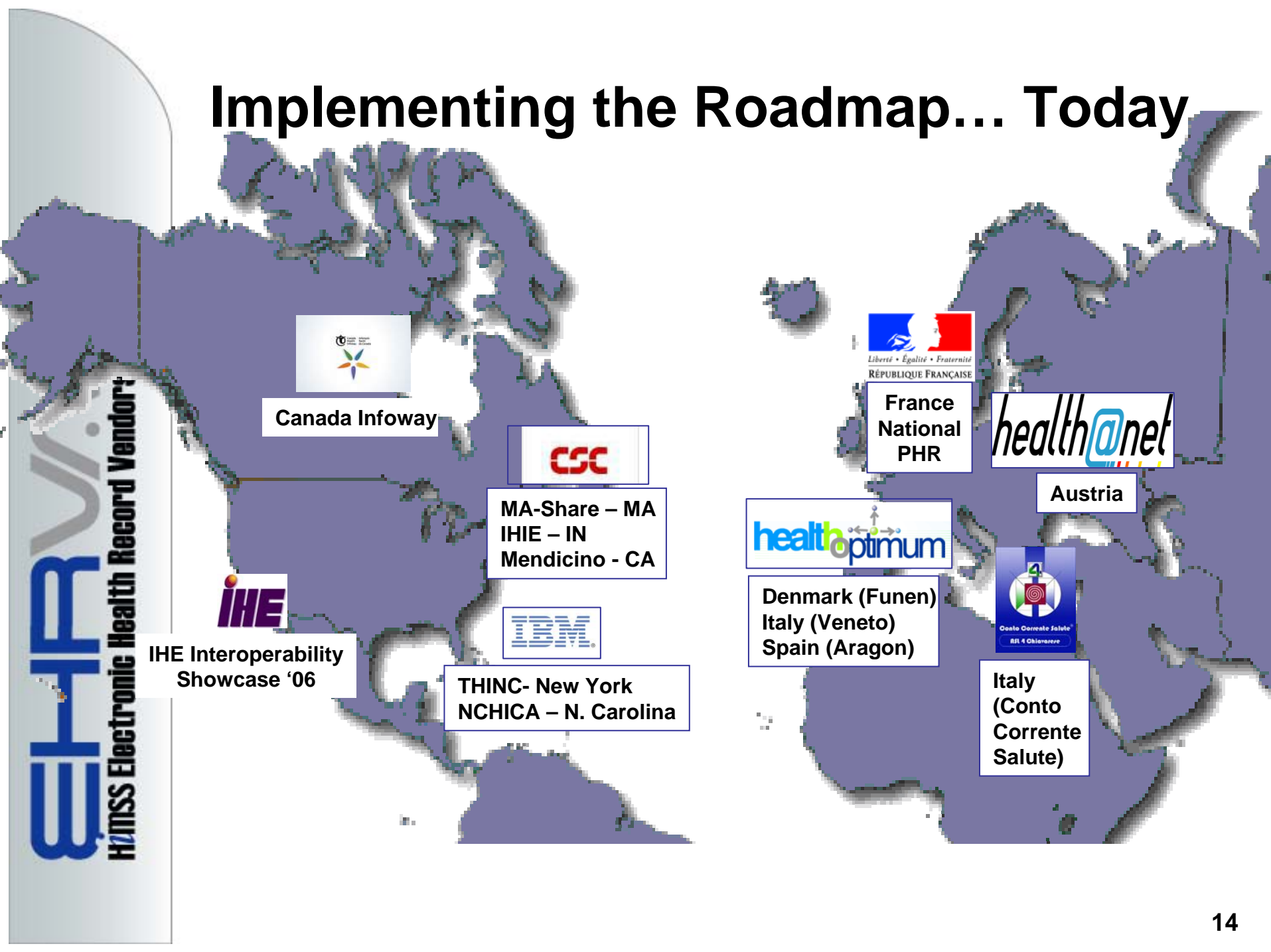
Phase 1: Share Care Status Information

2YRs +

6 mos to
2 yr

available

Implementing the Roadmap... Today



EHRA
HIMSS Electronic Health Record Vendor



Canada Infoway



MA-Share – MA
IHIE – IN
Mendicino - CA



IHE Interoperability
Showcase '06



THINC- New York
NCHICA – N. Carolina



France
National
PHR



Austria



Denmark (Funen)
Italy (Veneto)
Spain (Aragon)



Italy
(Conto
Corrente
Salute)

Enabling the Transformation: Next Steps

- Leverage the experience of industry stakeholders in an open dialogue
- Be pragmatic. Take a business-oriented approach to phase-in requirements
- Evaluate & harmonize national & private sector initiatives
- Deliver interoperable EHR components for the NHIN demo projects & private sector initiatives



Making a Difference

Unprecedented Collaboration to Accelerate EHR Adoption

- + Delivering interoperable EHRs**
 - + Harmonizing standards**
- + Supporting EHR certification**
- + Education and outreach**