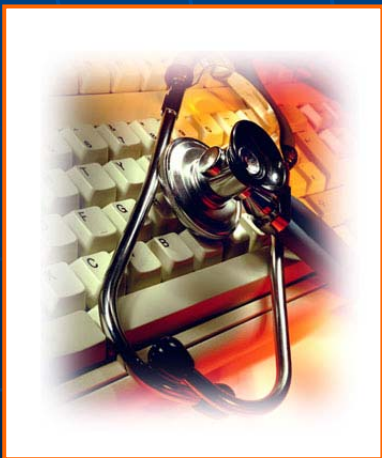


Knowledge at the *“Speed of Right”*

*The Journey to “an interoperable EHR for most Americans” by 2014 . . .
to improve the quality and efficiency of health care*



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CHAIR – HIMSS Patient Safety and Quality Outcomes Steering Committee

Alabama HIMSS Fall Conference
November 10, 2006

Outline



- National Vision for Healthcare
- Framework for Strategic Action
- AHIC to HITSP to CCHIT – Vendor Product Roadmaps
- Initial Areas of Focus
- CCHIT Interoperability Focus
- Imagine the Possibilities
- Knowledge at the Speed of Right

National Vision for Healthcare



- Fewer medical errors
- Less variation in care
- Consumer-centered care
- Medical information moves with consumers
- Care is delivered electronically as well as in person
- Medical records are protected from unauthorized access
- Clinicians can spend more time on patient care

Framework for Strategic Action



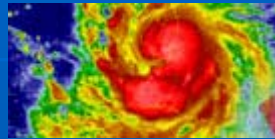
- **Inform clinical practice**
 - Reduce risk of EHR investment
 - Incentivize EHR adoption
 - Promote EHR diffusion in rural and underserved areas
- **Interconnect clinicians**
 - Foster regional collaborations
 - Develop a national health information network
 - Coordinate federal health information systems
- **Personalize care**
 - Encourage use of PHRs
 - Enhance informed consumer choice
 - Promote use of telehealth systems
- **Improve population health**
 - Unify public health surveillance architectures
 - Streamline quality and health status monitoring
 - Accelerate research and dissemination of evidence

The Journey to “an interoperable EHR for most Americans” by 2014 . . . to improve the quality and efficiency of health care

White House Executive Order



Katrina and Rita



Legislative Branch



Created



Funding



Appointed

ONC
Office of the National Coordinator for Health Information Technology

\$11.5M

Privacy/Security Solutions Contractor

\$18.6M

NHIN Prototype

Healthcare costs
\$1.7 Trillion in the US and RISING!

\$2.9M

HISB – Health Information Standards Board
HL7 – Health Information Technology Standards Panel

\$2.7M

CCHIT
Certification Commission for Healthcare Information Technology

Biosurveillance – AMB/ED

Chronic care - SHM

Consumer Empowerment - PHR

Electronic Health Records – LAB results

AHIC Workgroups
Quality Group

Confidentiality & Security Group

Other US HIT Standards

International HIT Standards



AHIC Creates Use Cases

AHIC to HITSP to CCHIT

Affect on Vendor Product Roadmaps



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American Health Information Community

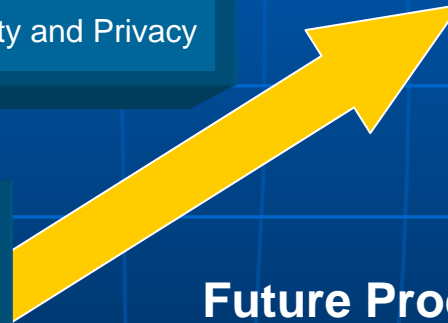
Biosurveillance – AMB/ED	AHIC Workgroups
Chronic care - SHM	
Consumer Empowerment - PHR	
Electronic Health Records – LAB results	
	Quality
	Biosurveillance Data Steering Group
	Confidentiality, Security and Privacy





**Certification Commission for
Healthcare Information Technology**

HIT Certified Products



HISB – Health Information Standards Board

HITSP – Health Information Technology Standards Panel







changing the way healthcare connects
www.ihe.net

Future Product Road Maps with Requirements to Support Four Use Cases

Biosurveillance - Ambulatory/ED Visits

EHR - Lab Results

Consumer Empowerment - Personal Health Record

Chronic Care - Secure Health Messaging

Initial Areas of Focus



Biosurveillance

- Support real-time nationwide public health event monitoring and rapid response management
 - Ambulatory Care Visits
 - Emergency Department Visits
 - Utilization
 - Lab Results
 - Public Health Agencies

Consumer Empowerment

- Wide spread adoption of a personal health record that is easy-to-use, portable, longitudinal, affordable, and consumer-centered
 - Personal Health Records
 - Medication History
 - Demographics

EHR

- Achieve widespread adoption of certified EHRs, minimizing gaps in adoption among providers
 - Standardized
 - Interoperable
 - Current and Historical Lab Results

Chronic Care

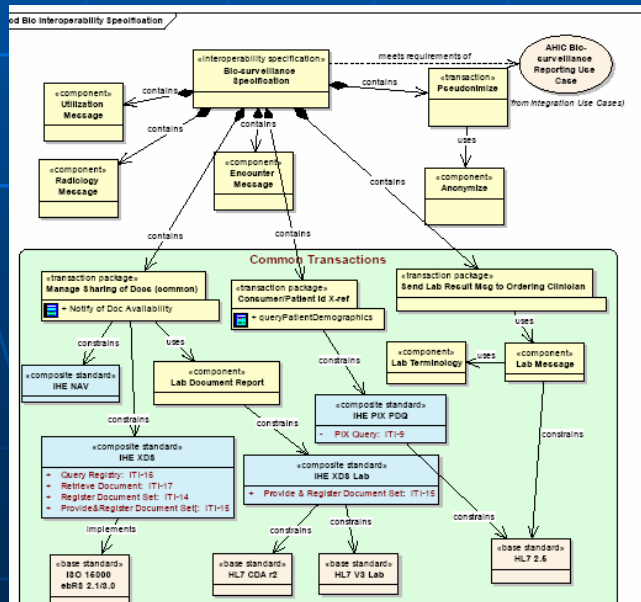
- Secure technologies solutions for remote monitoring and assessment of patients
 - Use Case being created
 - Standards TBD

National Biosurveillance Initiatives



Support real-time nationwide public health event monitoring and rapid response management

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.



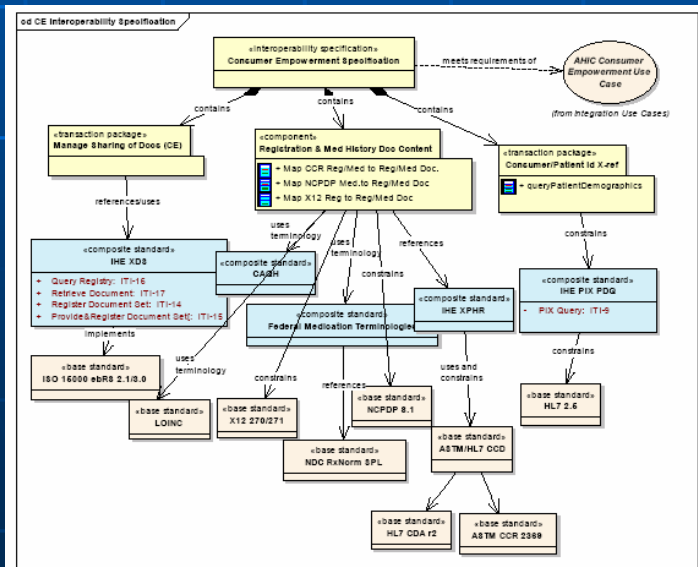
- Ambulatory Care Visits*
- Emergency Department Visits*
- Utilization*
- Lab Results*
- Public Health Agencies*

National Consumer Empowerment Initiatives



Wide spread adoption of a personal health record that is easy-to-use, portable, longitudinal, affordable, and consumer-centered

Within one year, a pre-populated, consumer-directed and secure electronic registration summary is available to targeted populations. Make additional commendations to the Community so that within one year, a widely available pre-populated medication history linked to the registration summary is deployed.



Personal Health Records

Medication History

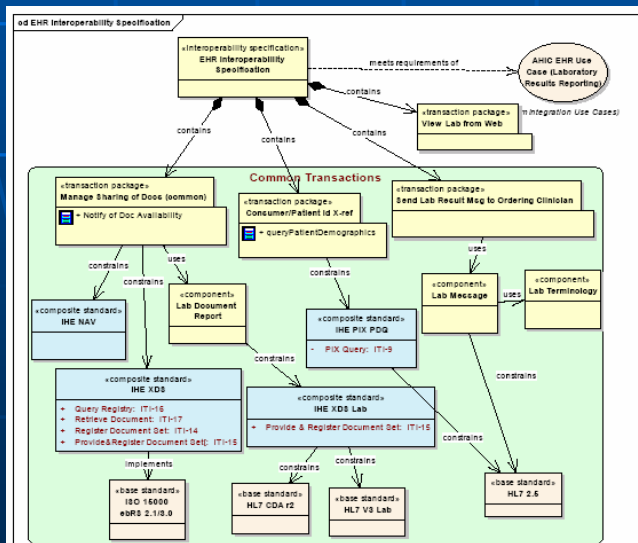
Demographics

National EHR Initiatives



Achieve widespread adoption of certified EHRs, minimizing gaps in adoption among providers.

Within one year, standardized, widely available and secure solutions for accessing current and historical laboratory results and interpretations is deployed for clinical care by authorized parties.



Standardized

Interoperable

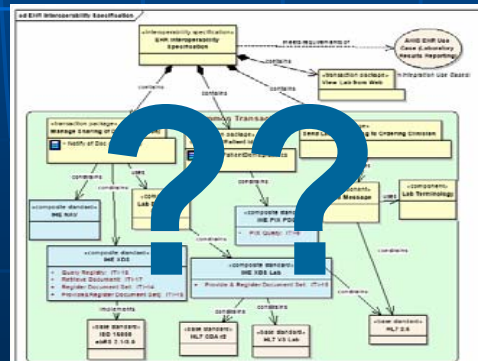
Current and Historical Lab Results

Coming Soon . . . Chronic Care Use Case



Secure technologies solutions for remote monitoring and assessment of patients and for communication between clinicians about patients

Within one year, widespread use of secure messaging, as appropriate, is fostered as a means of communication between clinicians and patients about care delivery.



Approach TBD
Use Case Specifications and
Standards Harmonization
Under Development

The Current State

Turning Your Organization's
Strategic Intent into the Tactical Approach





RAD

Clin Doc

Rx

MPI

CPOE

eMAR

LAB

No money in the budget



Budget Meeting out of control





IDX

Meditech

Siemens

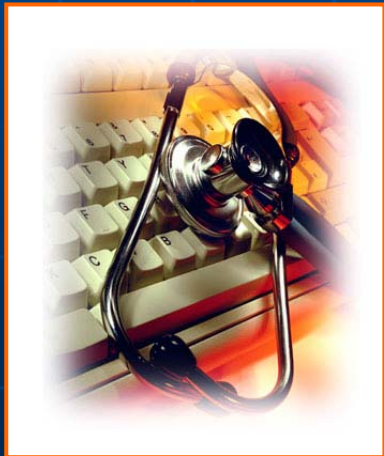
Epic

Cerner

Eclipsys

McKesson

The “NEW” Current State and Future State

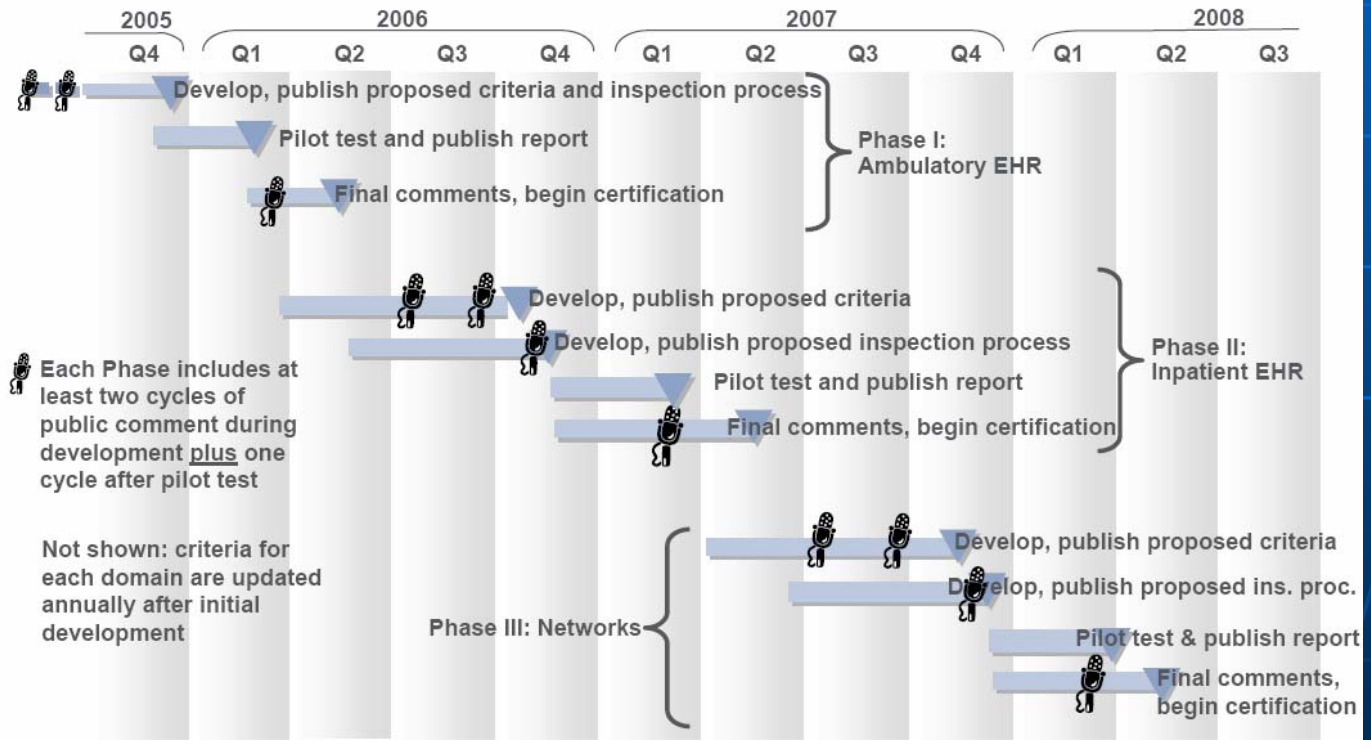


Certification Commission for Healthcare
Information Technology

CCHIT Effect on Timing and Vendor Roadmaps



Timeline of Developmental Activities



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CCHIT Interoperability Initial Focus



CCHIT Interoperability Categories	Ambulatory	Inpatient
Administrative and Financial Data	●	●
Chronic Disease Management / Patient Communication	●	●
Clinical Documentation	●	●
Clinical Trials	●	●
Imaging	●	●
Immunizations	●	●
Laboratory	●	●
Medication Management - Discharge to Outpatient Care or Transfer to another Institution	●	●
Medication Management - From Outpatient Setting into Emergency Center Care or Admission for Inpatient Care		●
Medication Management - Send Prescriptions		●
Medication Management - Within Inpatient Care Setting		●
Medications	●	
Secondary Uses of Clinical Data	●	●

Never forget what it is all about:

format



device

***Knowledge at
the Speed of
RIGHT!!***

place

person

time

interoperable lifetime record

Questions??

Contact Info

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