

# Texas Health Services Authority Data Standards Task Force

May 31, 2011  
10:00 am

# Meeting Agenda

1. Welcome and Announcements
2. Task Force Charter
3. Review of Key Activities Underway as Part of ONC Standards Efforts
  - Transitions of Care
  - Lab Results
  - Provider Directories
  - Certificate Interoperability
4. Accenture Presentation – Technical Standards Landscape Review

# Meeting Agenda

5. Summary of Proposed Texas Standards Data Collection Tool
6. Future Meeting Schedule and Agenda Items
7. Other items?

# Data Standards Task Force Charter

This task force shall support the secure, interoperable exchange of health information among unaffiliated organizations by providing input on the development of technical standards, data exchange standards, and technical security standards, and the development of implementation specification requirements.

# ONC Standards Efforts

*A Summary of Key Activities*

# ONC Standards Efforts

## *Transitions of Care -*

The movement of patients from one healthcare setting to another: to another hospital, clinical setting, or home environment.

# ONC Standards Efforts

## *Lab Results* -

Standard specifications for reporting ambulatory lab results.

# ONC Standards Efforts

## *Provider Directories* –

Allow providers to electronically obtain the digital certificate information of the intended recipient to support the secure exchange of health information;

Goal: Develop a standardized query mechanism for provider directories.

# ONC Standards Efforts

## *Certificate Interoperability –*

An analysis of the issues related to complying with digital certificate requirements for exchanging data with Federal agencies.

# Accenture Texas HIE Interoperability Guidance –

*Landscape review of technical  
interoperability standards*



accenture

*High performance. Delivered.*



THSA

TEXAS HEALTH SERVICES AUTHORITY

**Texas HIE Interoperability Guidance  
Technical Standards Landscape Review**

**May 31, 2011**

# AGENDA

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**Purpose and Objectives**

**Stakeholder Engagement**

**Standards Organizations / SDOs**

**Standards Details**

**Federal HIT Initiatives**

**Emerging Standards**

# Purpose of Standards Landscape Review



Provide landscape of existing standards:

- Standards govern the way patient information is stored and transmitted:
  - Interoperability
  - Security
- Standards are created or endorsed (via composite standards) by numerous organizations
- Standards can appear complex and confusing

Provide overview of Federal and Emerging HIT initiatives

# Stakeholder Engagement



Date	Stakeholders	Draft State Reviewed
May 6, 2011	THSA Collaboration Council	High Level Approach
May 10, 2011	THSA Data Standards Task Force	High Level Approach
May 10, 2011	THSA Technical Architecture Task Force	High Level Approach
May 20, 2011	THSA Board of Directors	High Level Approach
May 16, 2011	THSA Leadership	Outline
May 18, 2011	THSA Leadership	Draft
May 24, 2011	THSA Leadership	Draft
May 26, 2011	THSA Leadership	Draft
May 31, 2011	THSA Data Standards Task Force	Summary
TBD	THSA Technical Architecture Task Force	Summary



# Standards Organizations and SDOs

Standards Development Organizations (SDOs):



INTERNATIONAL HEALTH TERMINOLOGY  
STANDARDS DEVELOPMENT ORGANISATION



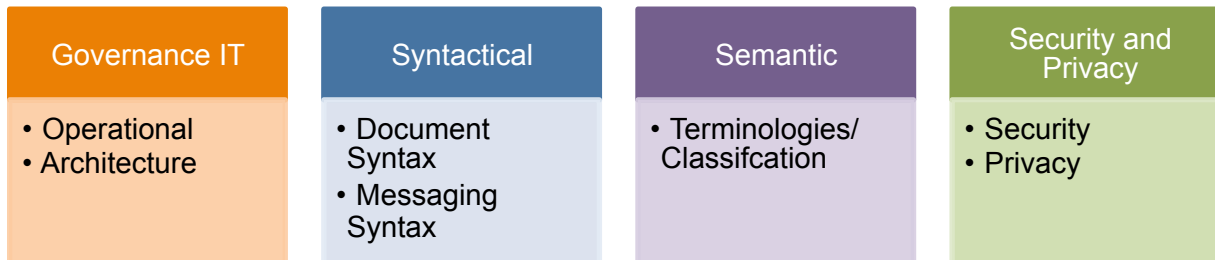
Difference between Standards Organizations and SDOs:





# Standard Categorization and Details

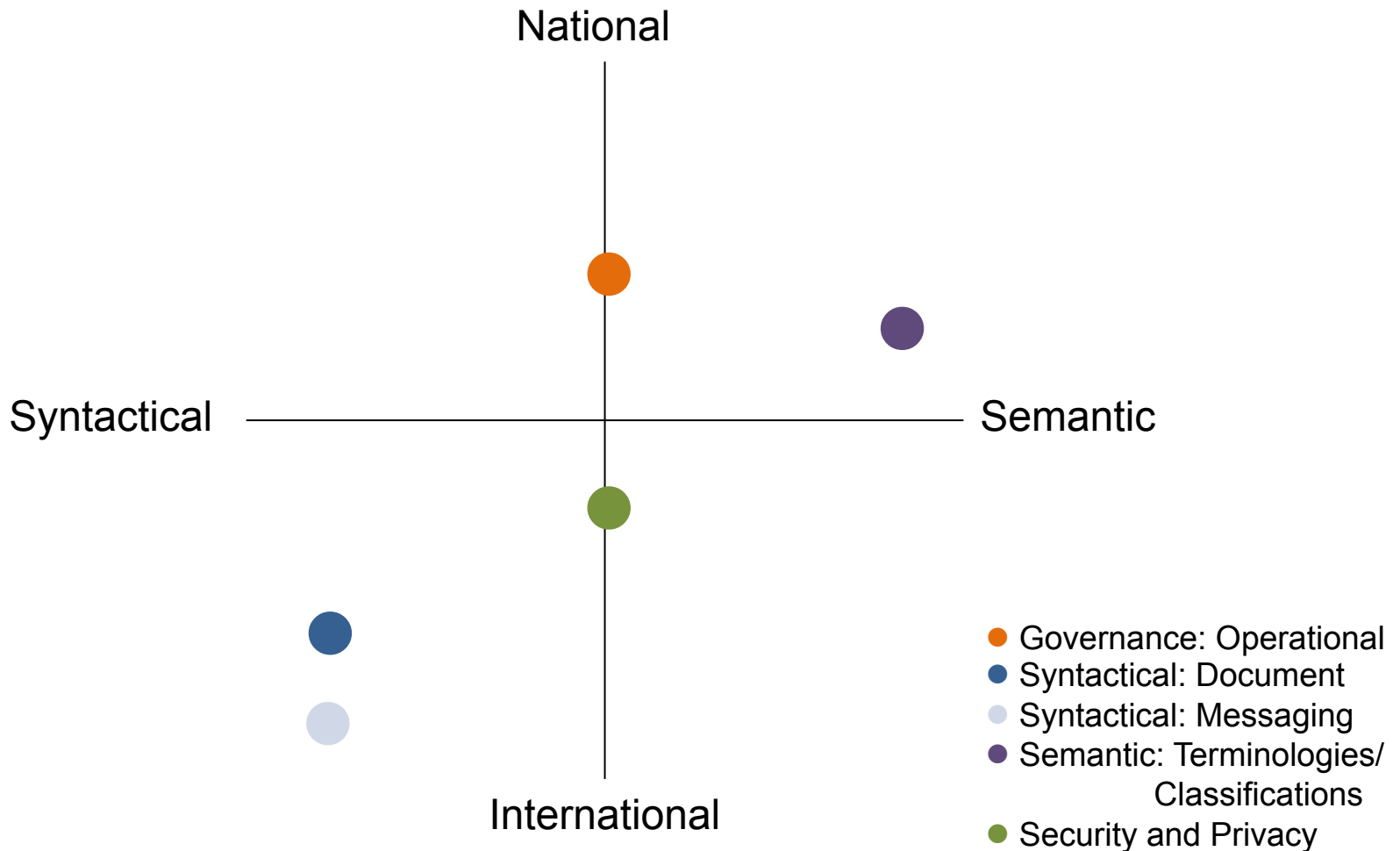
## Standards Categories:



## Example Standard:

Standard Practice for Content and Structure of the Electronic Health Record (EHR)			
<b>Standards Organization</b>	ASTM	<b>Version</b>	E1384-07
<b>Description</b>	This practice covers all types of healthcare services, including those given in ambulatory care, hospitals, nursing homes, skilled nursing facilities, home healthcare, and specialty care environments. They apply both to short term contacts (for example, emergency rooms and emergency medical service units) and long term contacts (primary care physicians with long term patients). The vocabulary aims to encompass the continuum of care through all delivery models. This practice defines the persistent data needed to support Electronic Health Record system functionality.		
<b>Meaningful Use 1</b>	Not Included	<b>Meaningful Use 2</b>	Not Included
<b>Dependencies</b>	None		
<b>Used by</b>	World Health Organization		

# Standards: National / International





# Federal HIT Initiatives

## Current Initiatives:

- Office of the National Coordinator (ONC)

## Other initiatives:

- S&I Framework
- Health and Human Services (HHS)
- CONNET and Nationwide Health Information Network (NwHIN)
- Direct Project
- Health IT Policy Committee (HITPC)
- Health IT Standards Committee (HITSC)
- American Health Information Community (AHIC)
- National eHealth Collaborative (NeHC)
- Drug Enforcement Administration (DEA)

## Previous Federal Initiatives

- AHIC, HITSP, CCHIT

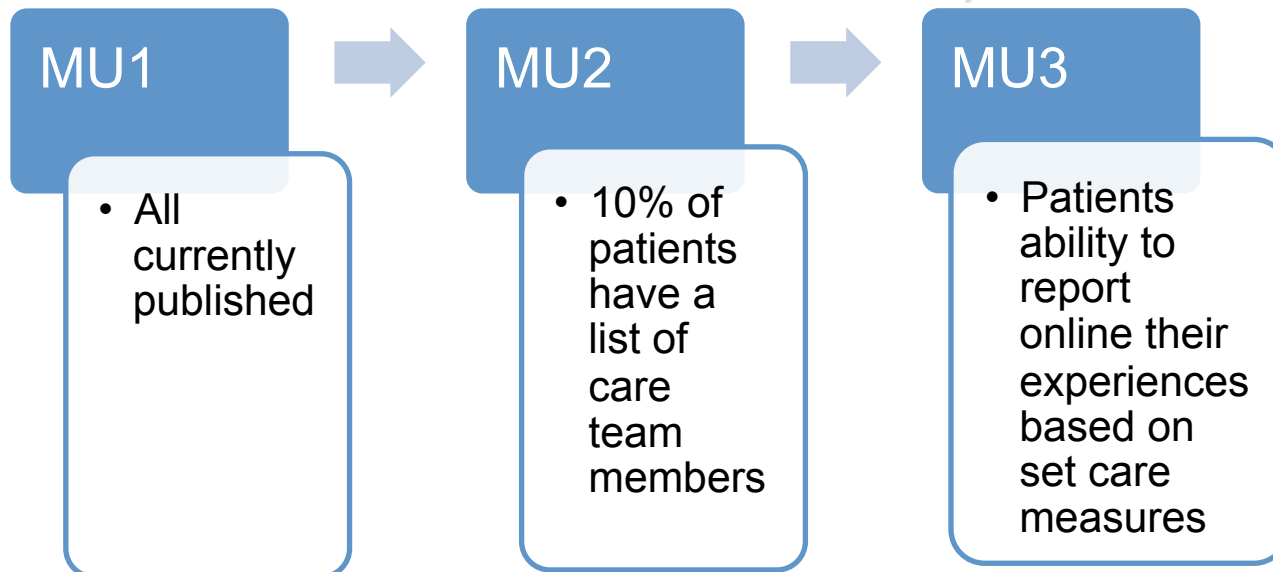


# Emerging Standards: Meaningful Use

## Meaningful Use Stage Progression:



## Examples of anticipated MU rules:



# Emerging Standards: S&I Framework



S&I Framework has started several Initiatives including:

- CDA Consolidation (Health Story Project with IHE and HL7)
- Transitions of Care (ToC)
- and Laboratory Results Interface (LRI)

In addition, Pre-Discovery activities have launched:

- Provider Directories
- Certificate Interoperability.

S&I Candidate Initiatives	Potential Relevant Standards and Implementation Specifications
Clinical Care Coordination	HL7 CCD, HL7 CDA, ASTM CCR, HITSP C32, HITSP C80, HITSP C83, HITSP C154, IHE PCC, IHE XPHR
Lab Interface Improvement	HL7 2.5.1
Medication Reconciliation Improvement	IHE XDS, IHE QED, HL7 CDA R2, HL7 2.5.1 RxNORM, NCPDP SCRIPT 8.1, NCPDP SCRIPT 10.6 Implementation Guide, Joint Commission NSPG (03.07.01)
Identity Assurance/Authentication	Kerberos, SAML, XACML, XSPA, HL7 CCOW, IHE XUA
Provider Directories	IHE HPD (Healthcare Provider Directory)
Syndromic Surveillance	HL7 2.3.1, HL7 2.5.1, Public Health Information Network HL7, Version 2.5 Message Structure Specification for National, Condition Reporting
Quality Measures	PQRI 2009 XML Specification, NQF Measures, HL7 2.5, HL7 3.0
Population Health Query	CDISC CDASH (Clinical Data Acquisition Standards, Harmonization) v1.1, IHE RFD (Retrieve Form for Data Capture) Profile, IHE CRD (Clinical Research Data Capture) Profile IHE RSP (Redaction Services) Profile, IHE RPE (Retrieve Protocol for Execution) Profile
Clinical Decision Support	HL7 Infobutton, HL7 Decision Support Service (DSS) Specification
Blue Button (patient access to health information)	None

# QUESTIONS

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# Discussion of Standards Data Collection Tool

# Future Meeting Schedule

(tentative; changes or additions as needed)

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- Tuesday, June 28
- Tuesday, July 26
- Tuesday, August 30
- Tuesday, October 4
- Tuesday, November 1
- Tuesday, November 29

Other items?

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