



STANDARDS



Driving the Industry toward a National Health Information Network

**BOOTH
#6132**

Did you know that Health Level Seven® standards play a critical role in driving the industry toward a National Health Information Network (NHIN)? Visit the HL7 exhibit on the main aisle in Hall A to learn how.

HL7 EDUCATIONAL THEATER

First, attend the HL7 Educational Theater, where you'll experience a variety of quick and informative tutorials. Start with HL7's Basic Overview class, then check out other compelling sessions on Electronic Health Records (EHR), Clinical Document Architecture (CDA), our newly released Version 3 Normative Edition standards and more. Be sure to enter to win raffle prizes at every Educational Theater session! See the schedule inside for today's presentations.

HL7 PROVIDER SOLUTIONS SHOWCASE THEATER

Want to see the HL7 Standards in action? Take a seat in the Provider Solutions Showcase Theater where you'll learn how vendors and providers across the country are teaming up and using HL7 standards. Healthcare organizations large and small will present compelling examples that illustrate how HL7 Standards provide real-life solutions every day in a variety of care-giving settings. See the schedule inside for today's presentations.

HL7 DEMO CENTER

And don't leave without visiting the HL7 Demo Center, where you'll get a firsthand look at our participants' HL7-enabled applications as well as special demos featuring electronic health records (EHRs), and presentations by SNOMED International and the National Cancer Institute, Center for Bioinformatics (NCICB).



VISIT US AT www.HL7.org

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Exhibit brochure sponsored by:





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Educational Theater

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Monday
Feb. 13

Schedule

Monday, Feb. 13

1:30-2 pm	HL7 Basic Overview
2:30-3 pm	HL7's Version 3 Standard
3:30-4 pm	The Claims Attachment Recommendation, HIPAA & Beyond
4:30-5 pm	Continuity of Care Document (CCD)
5:30-6 pm	HL7's Version 2 Standard

Tuesday, Feb. 14

10:30-11 am	HL7 Basic Overview
11:30-12 pm	HL7's Version 2 Standard
12:30-1 pm	The Claims Attachment Recommendation, HIPAA & Beyond
1-3 pm	SHOW FLOOR CLOSED
3:45-4:15 pm	HL7's EHR Functional Model
4:30-5 pm	HL7's Version 3 Standard
5:30-6 pm	HL7's CDA Standard

Wednesday, Feb. 15

10:40-11:10 am	HL7's Common Terminology Services Standard
11:30-12 pm	HL7's CDA Standard
12:30-1 pm	HL7's CCOW Standard
1-2:30 pm	SHOW FLOOR CLOSED
2:30-3 pm	HL7 Basic Overview
3:30-4 pm	HL7's EHR Minimum Function Set
4:30-5 pm	Integrating the Healthcare Enterprise (IHE): A Proven Process of HL7 Standards Implementation
5:30-6 pm	HL7's Version 2 Standard

Thursday, Feb. 16

10:30-11 am	HL7 Basic Overview
11:30-12 pm	Continuity of Care Document (CCD)
12:30-1 pm	HL7's Version 3 Standard
1 pm	HIMSS CONFERENCE CONCLUDES

1:30-2 pm

HL7 Basic Overview

Learn the basics of the Health Level Seven organization, how it works, its efforts in standards development in the US and abroad, and its role in the National Health Information Network (NHIN).

Speaker: *Chuck Meyer*, HL7 Board Chair (2006-2007)

2:30-3 pm

HL7's Version 3 Standard

Version 3 (V3) is HL7's family of standards developed with a model-driven methodology. This talk will provide an overview of the objectives for V3 standards; the V3 model-driven architecture and methodology; the importance of model-driven design for the stability and integrity of the standards; and a "walk-through" of the steps to go from HL7's ANSI-standard Reference Information Model (RIM) to a specific message schema that meets a particular set of requirements.

Speaker: *George "Woody" Beeler Jr., PhD*, Co-chair, HL7 Modeling and Methodology Technical Committee; Principal, Beeler Consulting, LLC

3:30-4 pm

The Claims Attachment Recommendation, HIPAA & Beyond

In September 2005 HHS issued a Notice of Proposed Rulemaking (NPRM) proposing that the HL7 and X12 standards for claims attachments be adopted as part of HIPAA. In this presentation you will learn some of the basics of this recommendation such as an overview of the claims attachments standards—including how LOINC codes are used—as well as the general information flow between providers and payers. Highlights from the recently concluded Empire Medicare Services claims attachments pilot as well as information about other national standards-based pilots will also be discussed. Finally we'll take a look at the NPRM process and HL7's role in this process, as well as some of the public comments received by HHS.

Speaker: *Maria Ward*, CoChair, HL7 Attachments SIG; Co-Chair, WEDI Claims Attachments Policy Advisory Group; Co-Chair, WEDI Claims Attachment Work Group; Member, WEDI Advisory Task Group for Empire Claims Attachments Pilot

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EDUCATIONAL THEATER

4:30-5 pm

The Continuity of Care Document (CCD)

The CCD is a joint HL7-ASTM project supported by healthcare professionals and vendors. It takes the clinical content of the ASTM Continuity of Care Record (CCR) and delivers it in an HL7 Clinical Document Architecture (CDA) framework, supporting the professional consensus around clinical summaries along with proven interoperability. The CCD is one of the family of CDA documents under development and will be a cornerstone for the sharable electronic health record.

Speaker: *Liora Alschuler*, Principal, Alschuler Associates, LLC;
HL7 Board of Directors

5:30-6 pm

HL7's Version 2 Standard

Learn about HL7's workhorse messaging standard, Version 2. This tutorial will discuss the various chapters of the standard with emphasis on Chapter 2-Control. It will also update you on the current status of this standard's newest iteration, Version 2.6.

Speaker: *John Quinn*, HL7 Technical Steering Committee Chair;
Senior Executive, Accenture

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3:45-4:15 pm

HL7's EHR Functional Model

Learn about the HL7 EHR Functional Model and Standard, and its progress to date.

Speaker: *Donald T. Mon, PhD*, Vice President, Practice Leadership, AHIMA; co-facilitator, HL7 EHR Functional Model-Direct Care Section; co-facilitator HL7 EHR-PHR Linkage Work Group

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HL7's Clinical Document Architecture (CDA)

CDA is a key enabler of national electronic health records. Industry-standard CDA electronic documents provide industry-strength interoperability that is achievable across the broadest spectrum of technical implementations, from dictation to EMRs. This talk will describe CDA and how it supports safe, affordable healthcare delivery in the US and around the world.

Speaker: *Liora Alschuler*, Principal, Alschuler Associates, LLC;
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HL7 EDUCATIONAL THEATER

Wed.
Feb. 15

10:40-11:10 am

HL7's Common Terminology Services Standard

The HL7 Common Terminology Services (HL7 CTS) is an Application Programming Interface (API) specification that is intended to describe the basic functionality that will be needed by HL7 Version 3 software implementations to query and access terminological content. It is specified as a set of APIs rather than a set of data structures to enable a wide variety of terminological content to be integrated within the HL7 Version 3 messaging framework without the need for significant migration or rewrite.

Speaker: *Russell Hamm*, Sr. Programmer/Analyst, Mayo Clinic

11:30-12 pm

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Speaker: *Liora Alschuler*, Principal, Alschuler Associates, LLC; HL7 Board of Directors

12:30-1 pm

HL7's Clinical Context Management Specification

A technical overview of HL7's CCOW Standard, the only industry standard for single sign-on and context management. CCOW enables multiple clinical applications to be synchronized and coordinated around a specific context (such as patient or user), ultimately providing the end-user with a simplified experience similar to that of interacting with a single clinical system.

Speaker: *Eric Weaver*, Manager, Technical Sales Support, Sentillion

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HL7's EHR Minimum Function Set

Learn about the HL7 EHR Minimum functions for healthcare settings and progress to date.

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4:30-5 pm

IHE: A Proven Process of HL7 Standards Implementation

The Integrating the Healthcare Enterprise (IHE) methodology specifies, tests, and verifies interoperable standards implementations. This presentation will focus on HL7 standards implemented by IHE, how they have been used in the HIMSS 2006 Interoperability Showcase, and IHE's plans for new profiles.

Speaker: *Glen F. Marshall*, IT Architect, Siemens

5:30-6 pm

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STANDARDS

Providing Real-life Solutions Every Day

Provider Solutions Showcase

See HL7 Standards in Action.

Attend the Provider Solutions Showcase Theater for compelling presentations by healthcare organizations large and small that illustrate how HL7 standards provide real-life solutions every day in a variety of care-giving settings. See inside for the schedule of presentations.

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Provider Solutions Showcase Theater

Schedule

Monday, Feb. 13

2-2:30 pm	3M
3-3:30 pm	InterSystems
4-4:30 pm	University of Nebraska Medical Center / GE
5-5:30 pm	IBM (WebSphere Information Integration)

Tuesday, Feb. 14

11-11:30 am	Language & Computing
12-12:30 pm	University of Nebraska Medical Center / GE
1-3 pm	SHOW FLOOR CLOSED
3:15-3:45 pm	Sentillion
4:15-4:45 pm	NextGen
5-5:30 pm	Health Language, Inc.

Wednesday, Feb. 15

11-11:30 am	InterSystems
12-12:30 pm	IBM (Business Driven Development)
1-2:30 pm	SHOW FLOOR CLOSED
3-3:30 pm	Language & Computing
4-4:30 pm	Integrated Modular Systems, Inc.
5-5:30 pm	SNOMED International

Thursday, Feb. 16

11-11:30 am	National Cancer Institute, Center for Bioinformatics (NCICB)
12-12:30 pm	VHA and HL7: Enterprise Integration Using HL7 Standards
1 pm	HIMSS CONFERENCE CONCLUDES

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INTERSYSTEMS

Monday
Feb. 13

2-2:30 pm

3M: Achieving Semantic Interoperability via 3M Data Transformation Modules

3M Health Information Services Data Transformation Modules (DTMs) facilitate semantic interoperability by transforming inbound legacy terms and codes to mapped, standard outbound terms and codes. DTMs and mapping services are available for the following domains: allergies, assessments, EKG, registration/encounter, laboratory, microbiology, orders interface, pharmacy, scheduling, text report types, and vital signs.

Speaker: *Shaun C. Shakib, MPH, Medical Informaticist, 3M*

3-3:30 pm

InterSystems:

Processing HL7 V3 Messages in Ensemble

Computer Sciences Corporation (CSC) chose the Ensemble universal integration platform to create a national EHR in the Netherlands, partly because of Ensemble's built-in support of HL7. This presentation showcases Ensemble HL7 capabilities, including a discussion of using Ensemble to process HL7 Version 3 messages.

Speakers: *Michael LaRocca, Product Manager, InterSystems*
Darryl Berend, Director Healthcare Netherlands, CSC

4-4:30 pm

University of Nebraska Medical Center / GE:

Standard Order Sets for Decision Support



The SAGE consortium is developing interoperable implementations of guidelines for clinical information systems using HL7 and national clinical vocabulary standards. This presentation explains how the HL7 draft standard for order sets plays a central role in the implementation of guidelines for community acquired pneumonia.

Speakers: *James R. Campbell, MD, Professor of Internal Medicine, University of Nebraska Medical Center;*
Robert Abarbanel, MD, Senior Director, GE Healthcare

5-5:30 pm

IBM (WebSphere Information Integration): IBM Information Integration Solutions, Healthcare Sector Claims Attachments Underpinning

Electronic Claims Attachments pose challenges for automation and require adjustments to Claims workflows, but with the right implementation strategy, healthcare payers and providers will achieve unsurpassed business benefits. Attend this presentation

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and learn how the IBM WebSphere Information Integration platform enables Claims Attachment processing.

Speaker: *Helen Gurevich*, Director, Healthcare & Insurance Industry Solutions, IBM

Tuesday
Feb. 14

11-11:30 am

Language and Computing: From Free Text to CDA - Extraction of Key Medical Elements

Language and Computing (L&C) will demonstrate the compatibility and compliance of its TeSSI® NLP and Information Extraction (IE) platform with HL7 Version 3, by presenting an engine configuration which extracts key medical data from clinical documents, such as findings and procedures, and structures and outputs this information in Clinical Document Architecture (CDA) format.

Speaker: *Mariana Casellas Dos Santos*, Chief Ontologist, Language and Computing



Language and Computing

12-12:30 pm

University of Nebraska Medical Center / GE:

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3:15-3:45 pm

Sentillion:

HL7's CCOW Standard: A Provider's Perspective

This informative and comprehensive presentation on HL7's CCOW standard will provide a technical overview of the standard while highlighting the benefits that Jewish Hospital and St. Mary's HealthCare (Louisville, KY) has derived from the successful implementation of multiple CCOW-enabled applications into their IT environment.

Speakers: *Jeff Olson*, Manager, Information Services, Jewish Hospital and St. Mary's HealthCare
Eric Weaver, Manager, Technical Sales Support, Sentillion



4:15-4:45 pm

NextGen:

X12 275 Claims Attachment Pilot and the use of CDA

NextGen Healthcare has recently completed the pilot project with Empire Medicare Services and WEDI to demonstrate the use of electronic attachments between a health plan and its providers. The HL7 CDA version 1.0 standard was used with in the ANSI X12 275 transaction. Learn about the success and issues involved with implementing the 275 claims attachment transaction.

Speakers: *Thomas Samuel*, Software Programmer/Analyst NextGen
Maria Ward, CoChair, HL7 Attachments SIG;
Co-Chair, WEDI Claims Attachments Policy Advisory Group;
Co-Chair, WEDI Claims Attachment Work Group;
Member, WEDI Advisory Task Group for Empire Claims Attachments Pilot



5-5:30 pm

Health Language: Clinical Terminology Support

iSOFT is a leading electronic medical record vendor to the UK NHS Connecting for Health programme, providing advanced technology to transform health-care interoperability and to deliver clinical services. Clinical terminology support, including SNOMED CT, is provided through sophisticated language engine technology from partner Health Language.

Speakers: *Dr. Brian Lezy, MD*, Chief Medical Officer, Senior Vice President, Health Language
Danny Solomon, Senior Architect, iSoft



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PROVIDER SOLUTIONS SHOWCASE

Wed.
Feb. 15
cont.

12-12:30 pm

IBM:

Business Driven Development with HL7 for the Healthcare Industry

Transformation efforts to reduce errors, cost and inefficiency have been unsuccessful in healthcare due to inflexibility of operations and information technology. Business Driven Development (BDD) is an integrated approach that aligns line-of-business, software development and systems operation to improve flexibility and performance. BDD expands the functional model of HL7 to introduce process and provide context for standards.

Speakers: *Anne Aldous*, Senior Manager, Healthcare Solutions Development, IBM
Ajay Asthana, Senior Business Architect, IBM



3-3:30 pm

Language and Computing: From Free Text to CDA - Extraction of Key Medical Elements

Language and Computing (L&C) will demonstrate the compatibility and compliance of its TeSSI® NLP and Information Extraction (IE) platform with HL7 Version 3, by presenting an engine configuration which extracts key medical data from clinical documents, such as findings and procedures, and structures and outputs this information in Clinical Document Architecture (CDA) format.

Speaker: *Mariana Casellas Dos Santos*, Chief Ontologist, Language and Computing



Language and Computing

4-4:30 pm

Integrated Modular Systems, Inc: The HL7 Standard Facilitates Data Portability

IMSI has installed HL7 demographic, order and results interfaces at several hospitals that have undergone mergers, HIS replacements, and RIS replacements. We have taken advantage of the HL7 standard and have created interim databases to transfer patient data and to provide continuity in services during and after conversions.

Speaker: *John Mazur*, President, IMSI



5-5:30 pm

SNOMED International: SNOMED Clinical Terms Overview

SNOMED Clinical Terms (SNOMED CT) is a comprehensive and precise clinical reference terminology that provides clinical content and expressivity for clinical documentation and reporting. SNOMED enables clinicians, researchers and patients to share



comparable data worldwide, across medical specialties and sites of care. Learn why this standardized terminology is an important part of the electronic health record solution.

Speaker: *Joseph B. Schramm*, Account Manager, SNOMED International

Thurs.
Feb. 16

11-11:30 am

National Cancer Institute, Center for Bioinformatics (NCICB):

caAdapter (HL7 Software Development Toolkit)

The caAdapter (HL7 SDK) is an open source tool that facilitates HL7 Version 3 message building, parsing and validation based on specific message definitions. It provides the capability to perform vocabulary validation and integrates with NCICB caCORE components. This supports NCICB's mission of developing a translational research infrastructure and building a clinical research network by providing a common platform for sharing data.

Speaker: *Christo Andonyadis*, Director of Clinical Trials Application, NCICB

12-12:30 pm

VHA and HL7:

Enterprise Integration Using HL7 Standards

As an early adopter, the Veterans Health Administration (VHA) Health Information Architecture teams have been using the HL7 Reference Information Model (RIM), Abstract Datatypes, and HL7 Development Framework to describe the interoperability requirements (both as static information model and dynamic behavior of the system-of-systems) of the next generation of clinical applications.



Visit the HL7 Demo Center

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