

Microsoft®

Health Users Group

TECH FORUM 2008

GOLDEN TICKET

August 26-27, 2008 | Microsoft Corporate Campus | Redmond, WA

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- **New and emerging Microsoft® technologies**
- **Specialized education and tools**
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Microsoft®

Microsoft®
Health Users Group

HIMSS
transforming healthcare through IT

Microsoft HUG Tech Forum 2008

Your all-access pass takes you beyond the gates and into new ideas, new products and new solutions!

Few people have the opportunity for a behind the scenes look at what's new—and what's next—at Microsoft. Tech Forum 2008 is your golden ticket to the experts, the technology ...and the Microsoft Corporate Campus. No matter where you are along the healthcare IT continuum, you'll find educational sessions, demonstrations of leading and future technology, and solutions you can use not just today, but in the years ahead.

- Meet the experts behind product development at Microsoft—and the pros who use it.
- Enhance your learning through specialized education tracks designed for Developers, IT Pros and Clinical Informatics and Health Plan organizations.
- Learn, share experiences and network with other healthcare IT professionals, industry leaders and Microsoft experts.

Don't miss it...register today at www.mshug.org!

Schedule at a Glance

Tuesday, August 26

8:00 am – 9:00 am	Registration & Continental Breakfast
9:00 am – 9:15 am	Welcome
9:15 am – 10:00 am	Opening Keynote
10:00 am – 10:15 am	Break
10:15 am – 11:15 am	Concurrent Education Sessions
11:15 am – 11:30 am	Break
11:30 am – 12:30 pm	Concurrent Education Sessions
12:30 pm – 2:00 pm	Lunch
2:00 pm – 3:00 pm	Concurrent Education Sessions
3:00 pm – 4:00 pm	Concurrent Education Sessions
4:00 pm – 4:15 pm	Break
4:15 pm – 5:00 pm	Closing Keynote

Wednesday, August 27

8:00 am – 9:00 am	Continental Breakfast
9:00 am – 9:45 am	Opening Keynote
9:45 am – 10:00 am	Break
10:00 am – 11:00 am	Concurrent Education Sessions
11:00 am – 11:15 am	Break
11:15 am – 12:15 pm	Concurrent Education Sessions
12:15 pm – 1:30 pm	Lunch
1:30 pm – 2:15 pm	Concurrent Education Sessions
2:15 pm – 2:30 pm	Break
2:30 pm – 3:15 pm	Concurrent Education Sessions
3:15 pm – 3:30 pm	Break
3:30 pm – 4:15 pm	Closing Keynote

Tuesday, August 26, 2008

9:00 am – 9:15 am

Welcome and Opening Remarks

Michael Clifford

Cardiac Database Administrator/Senior Software Engineer
Architecture & Design
Children's Healthcare of Atlanta
Chairman, Microsoft Health Users Group

9:15 am – 10:00 am

Opening Keynote

Enabling the Possible Today

Steve Aylward

General Manager, Health & Life Sciences
Microsoft Corp.

Through innovative software solutions and the enormous efforts of our partners and customers, healthcare has become the fastest growing industry segment within Microsoft. Today, more than 700 employees across the globe are dedicated to solving the issues facing providers, health plans, the life sciences and public health. Moreover, we're focusing on how consumers and patients interact with those delivery systems to help improve access to care, quality and outcomes. None of us can solve the problems facing healthcare today with the same thinking that created those issues in the first place. As a result, Microsoft is committed to working with our partners to deliver technology that allows for the change and redesign of processes in a changing world based on software that is simple, familiar, and easy to use. Please join Steve to learn how your organization can take advantage of these innovative solutions using software that you may very likely already own. Thus, enabling the possible—today.

10:15 am – 11:15 am

Concurrent Education Sessions

IT Pro Track

Delivery Transformation at Englewood Hospital and Medical Center: Patient Admission and Employee On-Boarding Solution

Peter J. Natale

Vice President and General Manager
IntelliSafe Technologies

The presentation will be based on Englewood Hospital and Medical Center's successful implementation of a system based on Microsoft Office 2007, SharePoint 2007, Vista, the IntelliSafe Vault and SQL 2008 which provide the capability to securely store, sign and distribute high value medical records, new hire contracts, forms and documents. The session will also highlight the combined solution's ability to deliver an industry standard platform that helps healthcare organizations minimize risk, enhance HIPAA and E-Sign compliance, as well as lower operational costs and increase patient and employee satisfaction.

Developer Track

Software Powered Communications Helping Healthcare

Albert R. Kooiman, MD

Senior Technical Product Manager
Microsoft Corp.

Communications are crucial for the delivery of great healthcare. Learn how Microsoft's Unified Communications can help streamline collaboration between people, optimize business processes by cutting down human latency and offer great self service applications via the web or the telephone. We will demonstrate some great solutions built by partners and clinics across the world.

Health Plans Track

An Integrated Edifecs-Microsoft BizTalk Solution for End-to-End HIPAA Transaction Processing

Herb Larsen

Senior Vice President of Alliances
Edifecs, Inc.

Learn about an exciting reference architecture leveraging Microsoft BizTalk and Edifecs Healthcare Transaction Lifecycle Suite as components in the Connected Health Framework for Healthplans. Understand the key requirements of a successful, scalable HIPAA transaction processing environment. Hear how to begin preparing for HIPAA 5010 using Edifecs and Microsoft, and to create re-usability in the architecture for additional initiatives, such as clinical data exchanges, Regional Health Information Organizations and more.

Clinical Informatics Track

Leveraging Health Information Exchange to Improve Quality and Efficiency

Joyce Sensmeier, MS, RN-BC, CPHIMS

Vice President, Informatics
HIMSS

This session will examine the role of standards in providing a foundation for interoperability, describe the current landscape for health information exchange and explore the potential impact of nationally recognized interoperability standards on healthcare quality and efficiency.

11:30 am – 12:30 pm

Concurrent Education Sessions

IT Pro Track

Using Microsoft Platforms to Provide Software-as-a-Service (SaaS) Medical Device Inventory Tracking System

Pavel M. Rozalski

CTO
VueMed, Inc.

Lana Makhnik

Vice President
VueMed, Inc.

Using the latest Microsoft web technologies, VueMed has developed and deployed VueTrack, an easy to use and powerful solution to manage expensive perishable medical supplies in the specialty

procedure labs of acute care hospitals. These include implantable and disposable medical devices, such as stents, balloons, etc. used by cath labs, interventional radiology, electrophysiology, endoscopy and OR suites. VueTrack addresses the needs of hospitals for efficient and cost-effective ways of managing this expensive inventory and tracking product transactions down to the patient.

Developer Track

Solving the Difficult Problems of Healthcare and Life Sciences with the Latest Generation of Microsoft Technologies

Timothy J. Huckaby

CEO

InterKnowledge

This presentation will be heavily demo focused to accentuate how the power of the Microsoft Stack is used to solve some of the more difficult problems in Healthcare and Life Sciences. Specifically, real applications built for real customers in the healthcare and life sciences industries will be demonstrated and examined from an "outside in" perspective, showing how the Microsoft platform, plumbing and tools were leveraged to build custom applications quickly and efficiently.

Health Plans Track

Integrating Applications with the Microsoft HealthVault

Harry J. Collins

Director of Development

Netsoft-USA, Inc

Paul Lieberman

Business Development Manager

Netsoft-USA, Inc

With the advent of Microsoft HealthVault, Health and Lifestyle applications now have access to a powerful new medium for the efficient exchange of information. This presentation will set forth the reasons for integrating existing applications with the HealthVault and highlight business as well as technical issues and concerns that must be addressed when accepting data from external sources. The approach and methodology to effectively deal with complexities of health information exchange through the HealthVault will be covered in detail. An integral aspect of the presentation will be the actual demonstration of a major healthcare organization's deployed Personal Health Record (PHR) HealthVault application.

Clinical Informatics Track

QPP Quilogy Policy and Procedure

Chris D. Carper

Senior Managing Consultant

Quilogy

The Quilogy Policy and Procedure Management System (SharePoint 2007) enables healthcare providers to better align information workers, business processes, data and technology for the purpose of optimizing patient safety and care. The Policy and Procedure Management System capitalizes on the Microsoft Office SharePoint Server technologies for the standardization, management, storage, archiving and presentation of Policy and Procedure documents. The Quilogy Policy and Procedure™ 2007 framework is constructed of modules that can be combined to simplify the process of document management.

2:00 pm – 3:00 pm

Concurrent Education Sessions

IT Pro Track

Mobile Clinical Access Portal Enabling Physician Workflow

David Carlton

Vice President - Chief Information Officer

Heritage Valley Health System

Mobile Clinical Access Portal, M-CAP, is a Windows Mobile wireless handheld solution providing physicians with three years of on-line clinical data from any Wi-Fi or Broadband connection point. The M-CAP solution provides a cross continuum view of patients from ambulatory, acute care and long term care environments and was designed to allow integration and interoperability with vendor applications such as the TouchWorks e-prescribing application from Allscripts as well as dictation recording for physician input which is interfaced to Dictaphone.

Developer Track

Microsoft HealthVault Architecture Overview

Bert van Hoof

Director, Consumer Health Solutions

Microsoft Corp.

This session will provide a high-level overview of the architecture of the HealthVault platform. It covers the key design principles and overall architecture, provides guidance around the best way to integrate your application into HealthVault, and presents a roadmap of upcoming features and devices. The session will showcase partner applications that are leveraging the HealthVault platform for opportunities to reach broader audiences and to build innovative, new applications that improve health management.

Health Plans Track

Enforcer: A Case Study for Implementing an N-Tier Intelligent Healthcare Revenue Cycle Management System Using MS .NET

David Iskove

CEO

Enablecomp

Daniel J. Sullivan, BA, BS, MA

Senior Software Engineer Consultant

Enablecomp

Enforcer is an N-Tier system written entirely in MS .NET, utilizing SQL Server 2005 Reporting and Analysis Services. Additionally, the system implements a rule-based calculation process for Medicare, commercial and other jurisdictional regulatory structures. This case study/presentation will discuss the technical challenges and the lessons learned while building Enforcer, as well as the challenges of integrating this system with existing healthcare technology (like MiSYS) in both the physician practice and hospital setting. We will also discuss the challenges of working with healthcare financial data generally, and the kinds of insights that can be gained.

Clinical Informatics Track

Integrated Clinical Information Phone Service

Val Nenov, PhD

Adjunct Professor, UCLA Neurosurgery
David Geffen School of Medicine, UCLA
Director of the Brain Monitoring and Modeling Lab (BMML)

ICIPS-411 is an ongoing R&D project which is being piloted at the UCLA David Geffen School of Medicine. Its main objective is to provide bi-directional access to the entire text-based component of the Electronic Medical Record (EMR) distributed in the variety of hospital, clinical, radiology, pharmacy and other information systems by means of a unified Natural Language-based Voice User Interface (VUI). This presentation describes various aspects of the design, implementation and application of the technology. Case studies emphasizing the improvement of the daily workflow of caregivers and ROI implications will be also presented.

3:00 pm – 4:00 pm Concurrent Education Sessions

IT Pro Track

HL7 Based Data Warehousing: Fast Build to Data Use

Eric V. Washburn

Chief Technology Officer
Athena Advanced Technologies/HVHS

Leveraging the structure of HL7 messages facilitates a simple interface to external data sources. We will discuss how to use Microsoft technology in building an HL7 database that can be quickly and efficiently populated, and how to use that data to present an EHR view on a mobile device.

Developer Track

Microsoft Amalga as a Foundation for Regional Health Information Exchange

Edward N. Barthell, MD, MS

Co-founder
Wisconsin Health Information Exchange

Andrew Nichol, MA, D.Phil

Principal Programme Manager
Microsoft Corp.

The Wisconsin Health Information Exchange has implemented Microsoft Amalga as its technical platform, linking multiple emergency departments and local clinics to improve quality and efficiency of care. This presentation will describe early lessons learned during this process.

Health Plans Track

Next Generation ECM (Enterprise Content Management) Technology and CEVA's (Content Enabled Vertical Applications)

Brian Partin

Senior BlueThread Evangelist
BlueThread Inc.

Learn how organizations are literally doubling productivity and cutting cycle times by as much as 70% using the latest in ECM technologies. Attendees will learn about the new/advanced components and functions of ECM, how to rapidly build finished applications, see an applicable use-case, as well as discuss best-practices deployment and business case development.

Clinical Informatics Track

One Patient. One Record. One IT Environment. Providing Better Patient Care and Service with Integrated Document Management and Microsoft Software

Lisa Raddatz

Revenue Cycle Manager
Allina Hospitals and Clinics

2008 HIMSS Davies award winner, Allina Hospitals and Clinics exceeded its EMR initiatives by understanding the importance that document management could make to complement new and existing business processes and initiatives while increasing patient security and satisfaction. Learn how EMR initiatives can be met and exceeded when Microsoft and complementary, third-party document management technology investments are maximized. Through examples from Allina, experience how integrating solutions allows for transparency and safety while promoting quality patient care and service.

4:15 pm – 5:00 pm Closing Keynote

UCSF Epilepsy Phenome Genome Project and ARCAMIS Computing

Michael Williams, MA

Chief Information Officer
EPGP Project/Dept. of Neurology
University of California, San Francisco

In May 2007, a team of US scientists at 13 epilepsy centers led by UCSF and NYU received a grant of \$15M to study the complex genetic factors that underlie some of the most common forms of epilepsy. The study, known as the "Epilepsy Phenome/Genome Project" (EPGP), is funded by the National Institute of Neurological Disorders and Stroke, and brings together more than 50 researchers and clinicians from 15 medical centers around the country. The success of this study relied heavily on the advanced web-based informatics solutions developed by the EPGP informatics team at UCSF. Nearly one year after study commencement, these informatics solutions have demonstrated to the NIH/NINDS the objective indicators that EPGP will be successful and has assured continued funding to find better treatments and cures for epilepsy.

Wednesday, August 27, 2008

9:00 am – 9:45 am

Opening Keynote

The Transformative Power of Technology, at the Intersection of Physicians and Patients

Steve Shihadeh

*Vice President, Health Solutions Group
Microsoft Corp.*

The healthcare system continues to grapple with challenges that center around information management. Silos of data within the health enterprise prevent coordinated patient care, while silos of data across the broader health ecosystem stand in the way of individuals making informed choices about their health and wellness. Learn how Microsoft is approaching the challenges of the healthcare system with software solutions that span the needs of the health enterprise and the individual. As the doctor-patient relationship continually evolves, and as stakeholders across the system demand solutions, Microsoft is developing solutions aimed at bringing healthcare into the Internet Age.

10:00 am – 11:00 am

Concurrent Education Sessions

IT Pro Track

Microsoft Connected Health Platform

Teddy Bachour

*Industry Technology Strategist, World Wide Health
Microsoft Corp.*

The Connected Health Platform (CHP) is Microsoft's technology offering and prescriptive architecture guidance for e-Health solutions built on the Microsoft platform. This session will examine CHP and its relationship with the Connected Health Framework—Architecture and Design Blueprint, and will include a high level review of the CHP Reference Implementations such as the Common User Interface, Cross Enterprise Document Sharing (XDS.b) and the Health Connection Engine.

Developer Track

Great Healthcare via Unified Communications: A Developer's Perspective

Chris D. Mayo

*Technology Evangelist for the Unified Communications Platform
Microsoft Corp.*

Timely communications are crucial for the delivery of great healthcare. Learn how Microsoft's Unified Communications software based platform can help streamline collaboration between people, optimize business processes by removing human latency via just in time communication and offer great self service applications via IM and voice. In this session, we'll use the Unified Communication SDKs, Office Communications Server 2007, Office Communicator 2007, Exchange 2007 and Visual Studio 2008 to demonstrate building communications into your solutions and show the code that makes each feature possible.

11:15 am – 12:15 pm

Concurrent Education Sessions

IT Pro Track

Microsoft Health Platform Optimization— Driving Improvement in Patient Care by Delivering Well Managed Infrastructure Based on Microsoft Technology

Andrew C. Nichol, MA, D.Phil

*Principal Programme Manager
Microsoft Corp.*

The Microsoft Common User Interface Programme has delivered tools and guidance for deploying and managing Windows based desktops and servers and to implement collaboration and scorecard solutions based on Microsoft Office SharePoint Server 2007. This session articulates the business benefits which can be delivered to clinicians, managers and patients by implementing an infrastructure aligned to Microsoft's Connected Health Framework. Learn how to accelerate the delivery of a well managed infrastructure using Microsoft's Health Platform Optimization tools and guidance and the delivery of solutions based on Microsoft Office SharePoint Server 2007.

Developer Track

Cross Enterprise Document Sharing (XDS.b) Reference Implementation (SIMPL)

Mark Simmons

*Health Consultant
SIMPL*

Wagner Silveira

*Microsoft Technical Architect
Microsoft Corp.*

Cross Enterprise Document Sharing (XDS.b) is a Connected Health Platform Reference Implementation that facilitates the registration, distribution and access across health enterprises of patient electronic health records. It provides a standards-based interoperable approach for managing the sharing of documents between any healthcare enterprise, ranging from a private physician office to a clinic to an acute care facility. In this session, we will do a deep dive into the XDS.b Reference Implementation solution design and code that is available to the public on www.codeplex.com/ihe.

1:30 pm – 2:15 pm

Concurrent Education Sessions

IT Pro Track

Unified Communications for Healthcare Organizations

Lauren S. Schwartz

*Healthcare Industry Director
Resolute Solutions Corp.*

Eric Blankenburg

*Chief Technology Officer
Resolute Solutions Corp.*

The Resolute Instant Communication Solution Framework for Healthcare improves payors' and providers' customer interactions with a solution that leverages Microsoft's advances in secure instant

messaging technologies to enhance contact center operations. This session will examine how unified communications can be used in healthcare organizations, how Unified Communications can enable consumer engagement and how organizations can leverage their existing investment in OCS.

Developer Track

Better User Experience in Clinical Applications

Anand Gaddum

*Director, Healthcare Practice
iLink Systems*

William Hughes

*Director, Product Innovation
GE Healthcare Enterprise, IT Solution Division*

Lack of good user experience has been a barrier to adoption of clinical applications. Microsoft Silverlight has enabled developers to deliver the next generation of .NET based media experiences and rich interactive applications for the Web. With an easy to understand interface and rich interactive applications that physicians can customize to suit their needs, there is a greater potential of increased adoption of clinical applications. This is an application that is being developed for GE Centricity Enterprise product using Silverlight with the intent of providing rich clinical applications for easier adoption.

2:30 pm – 3:15 pm

Concurrent Education Sessions

IT Pro Track

Application of High-Availability and Scalability Techniques to Non High-Availability Clinical Applications

David H. Miller

*IT Architect, Enterprise Hosting Solutions
Siemens*

By studying how applications work, IT professionals can use Microsoft and industry standard techniques to create high-availability and more scalable clinical applications from those not designed to provide high-availability. This session will detail methods for analyzing applications for data flow and use this information to increase their availability and substituting clustered file shares for local storage. In addition, there will be a discussion of how to use Microsoft clusters to provision multiple network names and IP addresses.

Developer Track

Building Safer Healthcare Applications in WPF and Silverlight with the Microsoft Health Common User Interface

Andrew Kirby

*Director in Microsoft Services UK
Microsoft Corp.*

With 6,000+ copies downloaded in the last year, the Microsoft Health Common User Interface (CUI) toolkit is already proving its value in helping healthcare ISVs build clinical applications. In the latest release, the toolkit will move to a new technology platform targeting Visual Studio 2008 and containing controls and demonstrators built in Windows Presentation Foundation (WPF) and

Silverlight 2.0. This session will be a deep-dive into the technology aspects of the CUI, and will be of interest both to those working in the healthcare sector and developers wanting to learn about real-world experiences working with the latest UI technologies.

3:30 pm – 4:15 pm Closing Keynote

Surface Technology in Healthcare

Randy Fusco

*Chief Technology Officer & Strategist, Microsoft U.S. Healthcare
Provider Solutions
Microsoft Corp*

Learn about Microsoft Surface technology and how its primary principles of Direct Input, Multi-Touch, Multi-User and Object Recognition can be used in healthcare.

Complimentary Microsoft Home Tour

Space is limited—register now!

The Microsoft Home is the premier venue for communicating what Microsoft sees as possible for technology in the home. It features a broad range of technologies, products and services that work together to make home life easier and more enjoyable for all family members. The home brings together software, services and devices—marrying the simplicity of consumer appliances and the power of PCs. It features real home environments—kitchen, family room, dining and entertainment rooms—providing a glimpse of the way people will live, work and play at home in the near future; at the same time, enabling Microsoft to utilize this valuable environment to collect input from consumers and partner companies.

Microsoft Home Tour Times

August 26 – 10:00 am

August 27 – 10:00 am

August 26 – 12:00 pm

August 27 – 12:00 pm

August 26 – 3:00 pm

August 27 – 3:00 pm

Hotel

Make hotel reservations early!

Hilton Bellevue

300 112th Avenue SE
Bellevue, Washington 98052
www.bellevuehilton.com

The Hilton Bellevue is 10 minutes from the Microsoft campus. This full service hotel has wireless capabilities in the public areas and high-speed access in the sleeping rooms. Please call the Hilton or book online to receive the group rate of \$184, plus 14.4% sales tax. The cut-off date for reservations in the MS-HUG block is Monday, August 11, 2008.

- Call 1-800-HILTONS and ask for the HIM rate, or
- Go to the Hilton web site www.bellevuehilton.com (when booking a room, enter HIM as the Group/Convention Code)

Shuttle service will be provided between the hotel and the Microsoft campus.

Microsoft Conference Center

The Microsoft HUG Tech Forum 2008 will be held at the Microsoft Conference Center (MSCC) located at 16070 NE 36th Way, Redmond, WA, in Building 33.

Travel

Save up to 9% on your airfare with HIMSS Travel Services!

Exclusive discounts are available for conference attendees through American Airlines, the official carrier of the MS-HUG Fall Tech Forum. There are two easy ways to check fares and arrange flights:

- Call HIMSS Travel Services at 888-249-8859 (8 am – 6 pm, CT), or
- Visit www.himssmtgtvl.com (24 hours)

As a HIMSS participant, enjoy a reduced ticketing fee of \$10 per person, the same or less than other internet sites when you book online, or only \$17 by phone with agent assisted.

Seattle-Tacoma Airport is approximately 25 miles SW of Redmond. The Ground Transportation Information Booth is located on the third floor of the Parking Garage along with taxi cabs, limousines and shuttle buses. Approximate pricing for ground transportation to Redmond is \$50-\$60 for a taxi or limo and \$35-45 for Shuttle Express.

Nine rental car companies have information counters in the Baggage Claim area: Alamo, Avis, Budget, Hertz, National, Advantage, Dollar, Enterprise and Thrifty. Five have car pick-up and drop-off locations at the airport on the first floor of the garage across from the Main Terminal: Alamo, Avis, Budget, Hertz and National. Off-airport rental car companies provide courtesy van service to the airport. For more details visit the Seattle Tacoma Airport Transportation site: www.portseattle.org/seatac/ground/index.shtml.

Cancellation/Refund Policy

Full conference registration fees, less a \$100 cancellation fee, are refundable only if written notice is received by HIMSS on or before July 31, 2008. Registrations and cancellations received after July 31, 2008 are not refundable. You may not reinstate a registration after you cancel it. HIMSS membership fees are non-refundable and non-transferable. If you cancel and are entitled to a refund, expect the refund within 30 days post conference.
