

PRESENTER BIOGRAPHICAL SKETCHES  
Joint HIT Policy and Standards Committee  
JASON Task Force – Listening Session

August 5, 2014

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**Panel 4: Consumer Facing Ecosystems**

*Ali Emami, HealthVault*  
*John Mattison, Kaiser*  
*Kevin Riddleberger and Patrick Leonard, iTriage*  
*Gordon Raup, Datuit*  
*Anil Sethi, Glimpse*

**Ali Emami** is Principal Program Manager for the Microsoft HealthVault platform and is responsible for defining HealthVault's platform strategy, feature set, and APIs. He was one of the earliest team members and a core part of the engineering team that envisioned, built, and brought HealthVault to market. Some of Ali's contributions to HealthVault include:

- Defining and evolving the health data model
- Embedding data provenance as an integral part of the platform
- Providing a privacy framework in HealthVault that is transparent and respects consumers' preferences
- Implementing the high-scale backend infrastructure necessary for operating the service

Ali played an influential role in the creation of Direct Project secure messaging, having led the .NET reference implementation group.

Prior to HealthVault, Ali worked on embedded systems software, wireless communication protocols, and games. Ali holds a Bachelor of Applied Science in Computer Engineering from the University of Waterloo.

**Patrick Leonard** is responsible for iTriage's overall technology vision and strategy, product software engineering, and system operations. To this role, Patrick brings a broad range of software and technology leadership in software applications and infrastructure. His experience includes software design and development, architecture, product management, international markets, public policy, professional services and product marketing. He is a recognized expert in the areas of web & mobile application development, parallel programming, and SOA, and has written and spoken in publications and events for Sun, Intel, Microsoft and IEEE/ACM Supercomputing among others.

Patrick also co-invented a patented implementation of content-based message routing. Before joining iTriage, he headed the software engineering division at Axion Health, and before that Rogue Wave Software. Prior to that, Patrick created the Web and E-business product line for J.D. Edwards (now part of Oracle) and designed and built custom enterprise systems for Accenture (formerly Andersen Consulting).

He serves on the advisory board for the University of Denver's College of Engineering and Computer Science and is co-chair of the Public Policy Committee for Colorado Software and Internet Association (CSIA).

**Gordon Raup, BSEE**, co-founded and built CareFacts, a vendor of EHR software for Home Care, Hospice and Public Health. CareFacts was the first clinically-focused EHR for distributed computing released to the market (in January 1994). CareFacts had customers in 36 states at the time of the founders' successful exit in December 2010. He is now building a new company, Datuit, to create cloud-based tools that allow healthcare providers to work together with the patient and their family as a virtual care team. This capability is enabled by Datuit's SafeIX® Application Platform, which integrates provider-sourced CDA documents, along with data from remote monitoring and other devices, into an integrated patient record available to approved apps via a RESTful web services API similar to HL7's FHIR® API. He has participated in multiple HIT standards committees over the past 20 years, including HL7, SNOMED-CT, HITSP, and ONC's Standards & Interoperability Framework.

**Anil Sethi** is the Founder and CEO of Gliimpse, a consumer-health startup in Silicon Valley. He is also an investor, advisor to StartX Med, UCSF and non-profit Cancer Commons, and a past board member of Johns Hopkins School of Medicine/Nursing. Gliimpse is Sethi's fifth consumer health venture – a platform for patient's to aggregate clinical data into computable formats, sharable with humans and with apps – for all 300MM US consumers. Sethi's other ventures include Dakota for medical billing data (acquired by WebMD) and Sequoia for EMR clinical data extraction (IPO, later acquired by Citrix). Experienced in national scale healthcare architectures, his Kaiser deployment was the largest private patient-portal in US history.

#### **Panel 5: Vendor Developers Dependent upon APIs**

*Charles Parisot, EHRA*

*George Cole, Allscripts*

*Carl Dvorak, EPIC*

*Ryan Hamilton, Cerner*

**Charles R. Parisot** is with the Healthcare Systems business of GE Healthcare. He is in charge of standardization and IT architecture in the System Interoperability and Security group.

Through his extensive experience in contributing to a user driven harmonization and implementation of interoperability standards, Charles has earned the trust of many

healthcare user communities in the USA and Europe to effectively achieve the rapid adoption of interoperability standards using a collaborative approach.

Charles has been representing GE and serving in leadership positions in the Electronic Health Record Association (EHRA) since its inception in 2004. He is the current chair of the EHRA Standards and Interoperability Workgroup which has published the EHRA Interoperability Roadmap (now in its third version) along with a variety of tools and white papers which have been made available to the industry ([www.ehra.org](http://www.ehra.org)).

He has been directly engaged in standards development and harmonization activities in the USA where he was among the leadership of the HHS sponsored Health IT Standards Panel (HITSP) since its inception in 2005.

Charles has applied his extensive experience at ensuring successful standards implementation in large and complex multi-stakeholder initiatives through many years of engagements in interoperability standards development such as DICOM and HL7, as well as the development of the Integrating the Healthcare Enterprise (IHE).

Charles is a regular invited key note speaker at ehealth Conferences around the world. He recently presented at HIMSS Middle East conference-Riyadh-2011, Finnish IT national seminar-Lahti-2010, WoHIT Budapest-2011, Health and ICT Utrecht-Netherlands-2011, TurkMIA Congress-Northern Cyprus-2010, HIMSS Middle East conference-Dubai-2010 and HIMSS-Atlanta-2010.

**George Cole** has been with Allscripts for 30 years. He currently manages the clinical standards-based interoperability efforts of the Community Solutions team at Allscripts, focusing on standards-based implementations of both content and transport for the exchange of clinical content. George is a member of the IHE ITI Technical Committee, the Patient Care Coordination Technical Committee, and the EHRA Standards and Interoperability Workgroup. He is co-editor of the IHE Retrieve Form for Data Capture (RFD) Profile. He is a Faculty Board member of The CDA Academy, was an active participant with the Beacon-EHR Affinity workgroup, and a past member of the CCHIT Interoperability Experts Panel. George represented the EHR Association as a member of the CDC IISB Transport Experts Panel. He has participated in ONC S&I Initiatives including the Direct Project, Transitions of Care, and Structured Data Capture (SDC).

**Carl Dvorak** is President of Epic, one of the nation's largest privately owned vendors of health care information technology. In this role, he is responsible for Epic's research and development areas as well as many executive and strategic activities of the company. The company's relatively small customer base of fewer than 300 health systems cares for roughly 40% of the U.S. population.

Mr. Dvorak has been with Epic since 1987. He led development of EpicCare, guided Epic's successful entry into the inpatient clinical system arena and supervised numerous major implementations. Since then, Epic has built out its integrated inpatient/ambulatory clinical core to include high-quality specialty, departmental and

mobile applications that further promote care continuity, coordination and industry standard interoperability.

An active member of the international effort to standardize health care technology, Mr. Dvorak has contributed to several industry workgroups including the Health Level Seven (HL7) Structured Document Advisory Committee. He was designated a Chair Emeritus of the Executive Committee of the Healthcare Information and Management Systems Society Electronic Health Record Association (an organization he helped found), after serving two terms as chair.

Mr. Dvorak graduated with a bachelor of science degree in computer science from the University of Wisconsin.

**Ryan Hamilton**, Sr. Vice President, IP Development, leads intellectual property development for Cerner Corporation, a health information technology company. Hamilton has led IP development for numerous Cerner's solutions. At present, he is leading the platform development and monitoring of *Cerner Millennium*® and the vision, architecture, infrastructure, solution development and data operations of the *Cerner HealthIntent*™ population health platform. In addition, Ryan is responsible for user-centered design, engineering process design and compliance, and engineering improvement initiatives.

Hamilton joined Cerner in 1993 as a software engineer. His primary focus is creating large-scaled, unified platforms around the automation of both health and care. Ryan led the design and development of Enterprise Scheduling and Eligibility for *Millennium*. In the mid 2000's, he led the team responsible for demonstrating, developing and deploying England's Choose and Book electronic referral system. The unique service is used nationwide by NHS primary care physicians to refer patients to hospital specialists, taking into account capacity, health status and the patients' own preferences. In 2011, Ryan help launched Cerner's *PowerChart Touch*™ mobile platform over *Millennium+*™. Hamilton received a bachelor's degree in computer science from Northwest Missouri State University. He is a member of Upsilon Pi Epsilon, an international honorary society in the computing sciences.

### **Panel 6: App Providers**

*Dave Vockell, Lyfechannel*

*Tim Michalski, Point of Care Decision Support*

*Nate Weiner, Avhanahealth*

*Chris Burrow and Steve Mickelsen, Humetrix*

*Denis Coleman, AppMedicine*

*Jonathan Baran, healthfinch*

**Dave Vockell** is the founder of Lyfechannel, which delivers mobile programs committed to closing the gap between great physician instruction and ongoing patient behavior.

Dave's history in mobile patient engagement stretches back to shepherding the first mobile patient program through legal review at GSK to designing Pfizer's first adverse event handling engine for SMS. He brings a deep background in content creation and delivery from roles at MTV Animation (best job ever) and Primedia (worst job ever), marketing expertise from 8 years at American Express, big-boy internet experience from Yahoo! and up-close patient engagement from working with leading payers, providers and pharma companies.

This is Dave's fourth or fifth startup (depending on how you count) and he has seen two acquisitions, one ongoing business and one wind-down.

Dave received his computer/econ degree from Northwestern University (Go Cats!) back when the internet "was made out of wood" and he has equal coding chops in Objective C and COBOL.

**Tim Michalski**, with a life-long love of computers and technology, at thirteen years old, wanted with his best friend to expand their knowledge on the design and development of computer programs. With a gift of "how-to" books on programming, the team developed their first application built on their love of role-playing and dice games. Progressively, their gaming needs required more complex programming including complex graphics and randomization algorithms. This indirectly helped them with what they would eventually encounter in high school algebra and calculus classes.

After five years of active software development throughout high school, upon graduation Tim realized he had a marketable and employable skill. He soon joined a few other "nerd friends" who were developing websites for money. Tim was asked to join the group due to his programming skills and he could help with the more complex pieces in website development. The group went out and contacted their friends whose parents owned business and offered to build websites for money.

It's 1995 and the young teen's business, Access Internet Resources, took off. Bigger, more complex projects were flowing in including a request for the development of customized e-commerce and online credit card transaction programs. Tim developed an e-commerce system despite the challenges at that time. It was not easy to connect to a bank to do credit card processing, but Tim's determination and creative skills presented an e-commerce module that was scooped up by dozens of local twin cities businesses and prominent New York clients.

Not soon after, because of his high profile and success with e-commerce programs, he was recruited by Digital River, a new company at that time and now one of the largest online commerce companies in the world. Tim wrote a program that handled all of the credit card authorizations, payment processing and fulfillments.

With a growing awareness of enterprise commerce needs, Tim founded Lighthouse Software Solutions in June of 2000 and immediately acquired e-commerce customers in need of his expertise. In the years ahead, Tim continued with his passion for solving

complex software development issues and has grown his business into a multi-million dollar development shop with a strong staff of like-minded developers. High profile companies that utilize Lighthouse Software Solutions include Ally Bank, Wells Fargo, Thompson Reuters, Digital River, City of Minneapolis to name a few.

In 2010, Tim founded his second company, Point of Care Decision Support (PCDS), a healthcare software company which focuses exclusively on building chronic disease clinical decision support (CDS) software for use at the point of care. Tim is determined to bring a different perspective to the medical apps field by combining validated evidence based medical research with industry standard best practices from the banking and e-commerce industries.

The goals for future success are to continue innovating within the healthcare space and to seek out and solve the difficult complex software problems that most companies cannot solve.

**Nate Weiner** is the COO of Avhana Health. Nate co-founded the company with his brother, exploring ways that existing hospital structures can support medical guidelines, improve clinical decision making, and facilitate sharing in the field. Nate has worked at Lockheed Martin, EA Engineering, and Johns Hopkins Hospital.

Avhana Health is part of the inaugural class of DreamIT Health Baltimore, a startup accelerator program sponsored by DreamIT Ventures, BioHealth Innovation, Kaiser Permanente of the Mid-Atlantic, and Northrop Grumman.

**Christopher R. Burrow, M.D.**, a physician-scientist and biotechnology executive/entrepreneur in the field of genomics and personalized medicine joined the Humetrix executive team in 2010, and as a clinician and health information data specialist, has played a key role in the development of Humetrix Blue Button enabled mobile apps, iBlueButton and ICEBlueButton, working closely with the software development team. Dr. Burrow has been active on multiple Blue Button+ workgroups in the S&I Framework initiative over the past two years, and as EVP Medical Affairs is the principal data security and privacy officer within the company. Dr. Burrow trained in Internal Medicine, Nephrology and Molecular Biology at the Johns Hopkins University School of Medicine. As a faculty member first at Hopkins, and then at the Mount Sinai School of Medicine Dr. Burrow was an Attending Physician in Nephrology and an internationally recognized leader in the molecular biology of kidney development.

**Stephen P. Mickelsen** comes to Humetrix with over 25+ years of complex IT system development and management experience, has been the Mobile Architect and lead developer of Humetrix' award-winning iBlueButton and ICEBlueButton apps. Prior to joining Humetrix, Steve dedicated his IT talent to the development of successful commercial mobile applications with Boojum Mobile, Inc. Prior to that, Steve was VP of IT and Product Development at College Loan Corporation where he developed and oversaw its IT system managing \$11 billion of loans. Earlier, as VP Engineering at @Backup, Steve built the first large scale online backup system and worked at Stac

Electronics, creating drivers for Stacker, the leading disk compression product at the time.

**Denis R. Coleman** is an educator and entrepreneur. He offers guidance to student entrepreneurs around the country, delivering his presentation “Lessons from 15 Silicon Valley Startups – 1978 to 2013” and holding subsequent one-on-one meetings with students. In 1984, the company that Coleman co-founded with Gordon Eubanks, C&E Software, acquired Symantec Corporation, which has retained the name to this day. Coleman has been operating or board level founder of 15 companies, four of which have had IPOs, led by Symantec. He has angel invested in 45 startups – primarily life science, healthcare, and IT. Coleman earned three engineering degrees from MIT and a Ph.D. in management from Stanford University. He is currently fully engaged in AppMedicine – a startup that is producing a software platform to make mobile doctor-patient communications into an integrated system, with the goal of reducing costs, improving outcomes, and providing excellent patient experiences.

**Jonathan Baran** is the co-founder and CEO of healthfinch, a healthcare IT startup company based in Madison, Wisconsin. Healthfinch builds software tools that automate the routine clinical tasks that plague physicians and their staff. Healthfinch does this by seamlessly integrating their software into the electronic medical record. Healthfinch's first product, RefillWizard, automates the prescription refill process saving physicians 30 minutes per day and/or making staff 4x more efficient in the process. To date, Jonathan has led healthfinch in raising over \$1.75M in outside capital. Prior to starting healthfinch, Jonathan was a PhD student at the University of Wisconsin-Madison where his research focused on imaging how "apps" could be built on top of the current electronic medical record systems. Jonathan holds a B.S. and M.S. in Biomedical Engineering from the University of Wisconsin-Madison.