Connecting Medical Products to the Internet of Things (IOT)

IOT (Internet of Things) is a machine to machine technology that is forecast to be one of the major change agents in reducing the cost of health care for: hospitals and physician offices; home health care; medical device and life sciences companies and insurance carriers.

Program Description

The ability to take sensor based data from various medical instruments, emergency medicine or mobile devices and then feed this information via a home office gateway or wireless phone to be analyzed by web/cloud based services is expected to be a driving force for reducing the cost of medical care.

The benefits of these technologies are considerable in detecting medical problems earlier and providing for less costly treatments and prevention. However, there are issues to work out especially on privacy.

MDG (Medical Development Group) in conjunction with experts from the medical device, life sciences, clinical and technology areas will explore this important topic in this symposium.

Our keynote speaker will provide an overview of the opportunities and Issues in having IoT as the foundation in addressing Telemedicine, Home Health Care and Connected Health.

Agenda

3:30 PM — Arrival and Networking
3:50 PM — MDG Introduction
4:00 PM — Keynote Address: Joseph Kvedar, M.D. Director, Center for Connected Health, Partners HealthCare
The Opportunities and Issues in having IoT as the foundation in addressing Telemedicine, Home Health Care and Connected Health
5:00 PM — Teo Forcht Dagi, MD, DMedSc, MPH
A systems approach to IOT: What comes next after the technology?
5:30 PM — Piali De Founder and CEO of Senscio Systems
A Home Health Care View of IOT and what needs to be done
6:00 PM — Dinner
6:30 PM — Delia Vetter Sr. Director of Benefits at EMC
A company program that uses IOT as the foundation in developing better approaches to Telemedicine and Connected Health.
7:00 PM — Colin Zick Partner at Foley Hoag LLP
A review of the Legal and Medical Business Challenges in the Adoption of IOT including the need to address Reimbursement, Privacy and Security
7:30 PM — General Q&A
8:00 PM — Close of meeting

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Upcoming Forums

Wed May 6:
5:30 – 8:30 PM
Advances in Technology: The Impact on Women's Health (Constant Contact)

Wed June 3:
5:30 – 8:30 PM
Keep It Agile – Keep It Legal (Constant Contact)
Co-Champions

Hank Allard
Principal of Edge Rep Solutions

Peter Fuchs
Finance Executive and MDG Treasurer

Speakers

Joseph C. Kvedar, M.D. – KEYNOTE SPEAKER
Director, Center for Connected Health
Partners HealthCare

Dr. Kvedar is internationally recognized for his leadership in the field of connected health. He is creating a new model of healthcare delivery and developing innovative strategies to move care from the hospital or doctor’s office into the day-to-day lives of patients by leveraging information technology – cell phones, computers, networked devices and remote health monitoring tools. He launched a personalized health technology company and established the first physician-to-physician online consultation service in an academic setting. He strategically advises Qualcomm Life, West Health Institute, Puretech Ventures and BD Technologies and mentors developing companies at Blueprint Health.

Teo Forcht Dagi, MD, DMedSc
Dir. and Chief Medical Officer at Prismic Pharmaceuticals, Visiting Professor at Harvard Medical School

A neurosurgeon, neuroscientist and venture capitalist, Dr. Dagi is recognized as a pioneer in the use of artificial intelligence engines for decision support in neurosurgery. Trained at the MGH and in London, his research interests include the electrophysiology of the limbic system, temporal lobe epilepsy, head trauma and brain tumors. More recently, he has concentrated on healthcare IT, clinical decision support and patient safety and consulted for the FDA and other government health agencies. He has served as a director to many privately held and publicly traded companies and is affiliated with Broadview Ventures.

Piali De
A Founder and the CEO of Senscio Systems

Sensico is a technology company whose mission is to create sensors and decision support systems that help people bridge the gap between sensing and deciding. Its first product is a chronic disease management system, designed to improve self care and enable early intervention to avoid complications of chronic illnesses such as diabetes, pulmonary disease and heart disease. De has bachelors and masters degrees in physics from Hunter College of the City University of New York and a PhD in physics from Brown University. In 2009, she received the National Women of Color’s Technology Innovation Award.

Delia Vetter
Senior Director of Benefits and Programs
EMC Corporation

Delia is responsible for creating and implementing EMC’s comprehensive benefits program focused on cost-effectiveness, innovative technologies, and health programs and led development of a cost containment health management strategy, which has received numerous industry awards. EMC’s employer sponsored ePersonal Health Record, an industry first, is a model for other organizations. Delia serves on the Boards of Trustees of various medical centers and associations.

Colin Zick
Partner at Foley Hoag, Co-Chair, Healthcare Practice and Co-Chair, Privacy & Data Security Practice

Colin’s practice is focused on health care and compliance issues, and often involves the intersection of those two subjects in administrative proceedings or litigation. His work often involves compliance issues related to pharmaceutical and medical device companies, hospitals, practitioners (including physicians, dentists, optometrists, psychologists, veterinarians), and provider organizations. He also defends clients in disputes alleging kickbacks, overpayments, and billing and coding problems, and represents clients before various state health care licensing and regulatory entities. Colin co-founded the firm’s Data Security and Privacy Practice Group and regularly contributes to its blog: www.securityprivacyandthelaw.com.

Moderator

David Pierson
Partner at Foley Hoag

David Pierson is a partner at Foley Hoag in the Business Department. He represents a broad range of companies in a variety of industries, including companies in the software and technology, medical device and life sciences industries. He advises clients on a wide range of matters, including corporate finance, securities, mergers and acquisitions, general corporate and contract matters. His practice includes providing advice to emerging companies regarding corporate formation, founder arrangements, angel and venture capital financings, equity incentive plans and strategic transactions.
MDG Boston

We would like to thank the hundreds of volunteers who help to make this organization a success.

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MDG Boston 2014-2015 Program Calendar

**Forum Panels**
(Location: Constant Contact Headquarters, Waltham, unless noted otherwise)

- **Sept 10** Bringing Bionics To Life  
  Co-Champions: Kevin Franck, Dan Healey

- **Oct 1** Intellectual Property Approaches To Safeguard Value  
  Co-Champions: Rob Adelson, Roy Coleman, Stanley Chalvire

- **Nov 5** Optical Cancer Detection: 20 years of Lessons Learned and 20 Years Of Future Promise  
  Co-Champions: Bob Andrews, Randy Chinnock

- **Dec 3** The Radical Transformation of Healthcare: The Rise Of Virtual Care Delivery  
  Co-Champions: Kevin Fickenscher, MD, Shankar Krishnan, MD

- **Jan 7** Making Medical Technology More Human  
  Co-Champions: Mike Wiklund, Sean Phillips

- **Feb 4** Devices And Combination Products For Neurodegenerative Disease  
  Co-Champions: Paul Hartung, Richard O’Brien

- **Mar 4** Combination Devices: Diversity In Type And Application  
  Co-Champions: John O’Gara, Rich Andrews

- **Apr 1** The Surgical Suite Responds to the New Business Model of Healthcare  
  Co-Champions: Bill McIlhargey, Melvin Prenovitz

- **May 6** Advancing Women’s Health: Gender Centered Treatments for What Worries Women  
  Co-Champions: Anna Xia, Jerry Shapiro

- **June 3** Keep It Agile – Keep It Legal  
  Co-Champions: Eric Poole, Jeff Karg

About MDG Boston

MDG is the professional association for career building, knowledge acquisition and mutual support for New England medical technology professionals.

MDG sponsors Forums, Networking, SIGs (Special Interest Groups), Workshops and Special Events where diverse industry leaders can share their experience and knowledge as presenters and one-on-one.