



The Interoperability Challenge: Getting Devices to Talk to Each Other

February 3, 2010

Emerging Enterprise Center at Foley Hoag

■ **Program Description**

Your bank can text you if your account balance is too low, but a medication pump doesn't have the feedback technology to prevent an overdose. Our program examines the challenges of making medical devices speak a common "language" so that say results from a diagnostic device can be immediately transmitted to another vendor's treatment device. You'll hear the latest in medical device open systems and an update from the Founding director of the program on medical device interoperability at CIMIT regarding what's currently in use clinically. Join us for an evening of "straight talk" about instrument collaboration.

■ **Moderator**

Rick Rollins, Marketing Professional, Nova Biomedical

■ **Panelists**

Julian Goldman, MD, Medical Director of Biomedical Engineering, Partners HealthCare System

Ken Fuchs, Principal Engineer, Software and Systems Architecture, Draeger Medical Systems, Inc.

■ **February Event Champions**

Rick Rollins, Marketing Professional, Nova Biomedical

Randy Chinnock, President, Optimum Technologies, Inc.

■ **Agenda**

5:30	Registration, informal networking, buffet dinner
6:15	MDG announcements
6:30	Opening comments by moderator and introduction of speakers
6:40	Julian Goldman presentation
7:00	Ken Fuchs presentation
7:20	Panel Discussion/Q&A
7:45	Wrap-up and adjourn

■ **MDG Mission**

MDG's Mission is to contribute to the continuing development of medical devices and other medical technologies by enhancing the professional development of its members, fostering and supporting entrepreneurial thinking, serving as a forum for exploration of new business opportunities and promoting best practices in enterprise management.

■ Biographies



Rick Rollins

Rick Rollins is a marketing generalist for Nova Biomedical, where he drives a number of initiatives for the manufacturer of whole blood in-vitro diagnostics devices such as the roll-out of a new handheld point-of-care device for renal function screening. Prior to Nova Biomedical, he held various marketing and business development roles for electronic imaging-related companies, including Eastman Kodak and several startup organizations. Mr. Rollins holds a BS in chemistry from Clemson University and an MBA from the Olin School of Business at Babson College.



Julian Goldman

Julian M. Goldman, MD, is medical director of biomedical engineering for Partners HealthCare System, founding director of the program on medical device interoperability at the Center for Integration of Medicine and Innovative Technology (CIMIT) and a principal anesthesiologist in the Massachusetts General Hospital "Operating Room of the Future". Dr. Goldman founded the Medical Device "Plug-and-Play" (MD PnP) Interoperability Program in 2004 to promote innovation in patient safety and clinical care by leading the adoption of patient-centric medical device integration. The MD PnP program team was the recipient of the 2007 CIMIT Edward M Kennedy award for Healthcare Innovation. www.juliangoldman.info.



Ken Fuchs

Ken Fuchs is a principal engineer working primarily in the areas of systems and networking architecture for Draeger Medical Systems in Andover. Mr. Fuchs holds a B.Eng. and M.Eng. from Rensselaer Polytechnic Institute as well as an MBA from Babson College. He is active in standards development related to device connectivity and is a co-chair of the Integrating the Healthcare Enterprise (IHE) Patient Care Device Domain and also participates in IEEE 11073, ISO TC215, IEC 80001 and ASTM F29 efforts around medical device interoperability.

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Program Focus: Regulatory Affairs



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MDG runs on volunteers. If you would like to get involved, email the committee chairperson above.

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