

## FOR IMMEDIATE RELEASE

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### **Case Study from Mayo Clinic Added to SOA in Healthcare Workshop: Realizing Quality of Care, Business Value, and Delivery on IT's Promise**

*SOA Consortium, OMG and HL7 Sponsored Conference will be held  
April 15-17, 2008 in Chicago, IL, USA*

Needham, MA, USA and Ann Arbor, MI, USA – March 31, 2008 – The SOA Consortium™, Object Management Group™ (OMG™), and Health Level Seven (HL7), today announced that Dr. Peter L. Elkin, Professor of Medicine at the Mayo Clinic College of Medicine, will be presenting the case study “eQuality Solutions: Enabling Safe and Effective Medical Practice while Decreasing Costs,” at the SOA in Healthcare Workshop. For more information please visit <http://www.omg.org/hc-update>.

The Service Oriented Architecture (SOA) in Healthcare conference features real-world experiences. Attendees will benefit from the lessons learned and challenges faced in these implementations. The workshop intentionally integrates the themes of SOA and health quality, and is targeted primarily to a health-IT savvy audience. This event is focused on healthcare's challenges and SOA's role in meeting them. The workshop will be presented in three tracks. Dr. Elkin's presentation will be during the day one Executive Summit, which is made up primarily of case studies.

“In our laboratory at the Mayo Clinic we are creating electronic quality (eQuality) solutions using intelligent electronic health records. These Informatics solutions require a service oriented approach to health data,” said Dr. Peter Elkin, Professor of Medicine at the Mayo Clinic College of Medicine. “Service oriented architectures provide a flexible infrastructure that can facilitate the delivery of the complex set of functions needed to enable electronic quality monitoring. I am pleased to be participating in the SOA in Healthcare workshop, which brings together the important issue of health quality facilitated by its implementation in a SOA.”

### **Presentation Overview**

*eQuality Solutions: Enabling Safe and Effective Medical Practice while Decreasing Costs*  
Intelligent Electronic Health Records can be used for secondary purposes to provide healthcare practitioners and healthcare organizations with real time feedback as to the quality of care in their organizations. This requires a service oriented approach to health data. Dr. Elkin will present his experience with using terminology services to change free text health records into fully encoded (computable) intelligent electronic health records and then will describe a method for providing real time and when necessary, point of care feedback on quality of care to individual providers and healthcare organizations. Service Oriented Architectures provide a flexible infrastructure that can facilitate the delivery of the complex set of functions to enable

electronic quality monitoring which is a necessary infrastructure for the implementation of Pay for Performance.

### **About Dr. Peter Elkin**

Dr. Peter L. Elkin is a Professor of Medicine at the Mayo Clinic College of Medicine. He received his Bachelor of Science from Union College and his M.D. from New York Medical College. He did his Internal Medicine residency at the Lahey Clinic and his NIH/NLM sponsored fellowship in Medical Informatics at Harvard Medical School and the Massachusetts General Hospital. Dr. Elkin has been working in Biomedical Informatics since 1981 and has been actively researching health data representation since 1987. Dr. Elkin is currently on the executive committee of ASTM E31. He is the primary author of the American National Standards Institute's (ANSI) national standard on Quality Indicators for Controlled Health Vocabularies ASTM E2087, which has also been approved by ISO TC 215 as a Technical Specification (TS17117). He chairs the OASIS International Healthcare Continuum and is a co-chair of Health and Human Service's HITSP Technical Committee on Biosurveillance. Dr. Elkin is a fellow of the American College of Physicians and the American College of Medical Informatics. Dr. Elkin chairs the International Medical Informatics Associations Working Group on Human Factors Engineering for Health Informatics. He was awarded the Mayo Department of Medicine's Laureate Award for 2005. Dr. Elkin is the index recipient of the Homer R. Warner award for outstanding contribution to the field of Medical Informatics.

### **Registration & Information**

Everyone with an interest in SOA in healthcare is invited to attend. This workshop is sponsored by Gold Sponsor [BEA Systems, Inc.](#), Silver Sponsors Layer 7 Technologies, Booz Allen Hamilton, EDS and Media Sponsor Healthcare IT News. Registration information is available at <http://www.omg.org/hc-update>.

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### **About The SOA Consortium**

The SOA Consortium is an advocacy group of end users, service providers and technology vendors committed to helping the Global 1000, major government agencies, and mid-market businesses successfully adopt Service Oriented Architecture (SOA) by 2010. SOA Consortium founding enterprise members include Fortune 200 companies in Financial Services, Travel, Manufacturing, Retail and Telecommunications. Sponsors are Cisco, IBM Corporation, SAP AG Savant, Sparx Systems and Sun Microsystems, Inc. Participants include Fortune 1000 corporations, major government agencies and non-governmental organizations. Any organization may join the SOA Consortium. The SOA Consortium is managed by the Object Management Group.

For more information, please visit <http://www.soa-consortium.org> or email [info@soa-consortium.org](mailto:info@soa-consortium.org).

### **About Health Level Seven (HL7)**

Founded in 1987, Health Level Seven, Inc. ([www.HL7.org](http://www.HL7.org)) is a not-for-profit, ANSI-accredited standards development organization dedicated to providing a comprehensive framework and related standards for the exchange, integration, sharing, and retrieval of electronic health information that supports clinical practice and the management, delivery and evaluation of health services. HL7's more than 2,300 members represent approximately 500 corporate members, which include more than 90 percent of the information systems vendors serving healthcare.

### **About the Object Management Group**

OMG is an international, open membership, not-for-profit computer industry consortium. OMG Task Forces develop enterprise integration standards for a wide range of technologies, including: Real-time, Embedded and Specialized Systems, Analysis & Design, Architecture-Driven Modernization and Middleware and an even wider range of industries, including: Business Modeling and Integration, C4I, Finance, Government, Healthcare, Legal Compliance, Life Sciences Research, Manufacturing Technology, Robotics, Software-Based Communications and Space.

OMG's modeling standards, including the Unified Modeling Language™ (UML®) and Model Driven Architecture® (MDA®), enable powerful visual design, execution and maintenance of software and other processes, including IT Systems Modeling and Business Process Management. OMG's middleware standards and profiles are based on the Common Object Request Broker Architecture (CORBA®) and support a wide variety of industries.

More information about OMG can be found at [www.omg.org](http://www.omg.org). OMG is headquartered in Needham, MA, USA.

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