



STORAGE VISIONS® 2015

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AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



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TITLE

The Industrial Internet: Opportunities, Disruptions & Standards

ABSTRACT

The Industrial Internet represents a \$32 trillion opportunity that will impact 46% of the world's GDP. By applying "Internet thinking" to industrial settings, the Industrial Internet is enabling companies to predict, control and create systems that produce significantly better outcomes. Yet with an estimated 99 percent of things in the digital world remaining unconnected, the world is at the proverbial tip of the data iceberg.

The continuous streaming of massive bits of data from connected devices and machines requires new thinking in the way this data is collected, stored, shared and analyzed. This session will focus on the scientific and engineering opportunities and challenges of the Industrial Internet on industrial infrastructure and digital storage requirements. Dr. Soley will introduce the work of the nonprofit Industrial Internet Consortium (IIC) to identify, prioritize and recommend the standards and data storage & security requirements necessary for the rapid adoption of technologies that enable the Industrial Internet.

BIOGRAPHY

Michael is the Director, Testbeds for the IIC, and assists members with the identification, specification, creation and adoption of testbeds. He also facilitates the creation of policies and procedures for these activities.

Michael offers over 25 years of experience in product development, project management and software engineering processes. He gained his experience across a variety of high technology industries in which he established a track record of successfully launched products. These products included systems for manufacturing automation, power distribution, global logistics, payment processing, network provisioning, laboratory automation and telco mediation. Customers have included IBM, Visa, AT&T, Kaiser Aluminum, DoD, Sybase, France Telecom, Verizon, JPL, Sony and Novo Nordisk.

Michael received a BS in Physics and a MS in Computer Science from the University of Maryland, College Park, and is an active member of IEEE, Project Management Institute and Agile Alliance.