

***Science and Engineering Council of Santa Barbara:
December Luncheon***

Elephant Bar Restaurant, Thursday December 10, 2009, 12:00-1:30

----- *This Month's Topic* -----

It Pays to be Energy Efficient: A Converged TCP/Building Architecture

According to the U.S. Department of Energy, the combined percentage of U.S. greenhouse gas emissions generated by commercial buildings and industrial facilities is 45%, making it the single greatest contributor to climate change and significantly larger than the transportation sector. Today, a glaring 30% of energy used in buildings is used inefficiently or unnecessarily. To put this waste in perspective, a 20% reduction in global greenhouse gas emissions equates to \$40 billion in energy savings and is equivalent to eliminating 60 million vehicles in the U.S. alone.

The largest cause of energy waste within buildings is the fact that until recently, it hasn't been cost effective to measure actual energy usage. The facts show that it is now very cost effective to manage energy use by harnessing the power of a converged TCP/IP architecture that connects building systems for monitoring and control.

----- *Presenters* -----

Current Analytics is a systems integration company specializing in Enterprise Energy and Environmental Management (EEM). They provide building owner-operators the ability to monitor and control use of electricity, water, and natural gas across all of their buildings and core business processes. The benefits include lowered energy costs, decreased operational and maintenance expenses, increased staff productivity, a smaller carbon footprint, and accurate data for a sustainability report card.



Lex Sisney, Co-Founder and Business Director. A graduate of the Marketing Management University in St. Thomas, Lex is responsible for the strategic vision, structure, business process, and business development of Current Analytics. Lex identifies new concepts, drives growth, and builds strategic relationships. Lex created a variety of innovative software based products, including the leading affiliate marketing network, Commission Junction. This became the world's largest company of its type. With Current Analytics, Lex brings his software application knowledge to serve the energy information management sector.



Michael Franco, Co-Founder and Project Director. Michael is responsible for managing the agile development process, application development, design, and deployments. Michael is a graduate of Pomona College and the Anderson School at UCLA; he has over 20 years' experience in product management for innovative, entrepreneurial companies in Silicon Valley and Santa Barbara. As Producer and Executive Producer of several award-winning titles, he managed game development for Accolade (now Atari) and Hypnos Entertainment. He consulted on local projects for the Granada Theatre and Serenity House Hospice Care Center, and was a Producer for the Jack Nicklaus and Tiger Woods computer game franchises.

----- *Other Information* -----

\$14 SEC members, \$20 non-members.

Information: Barbara Keaney (E-mail scieng@silcom.com) or call (805) 684-4927.

Reservations not required. Visit our web page at <http://www.scieng.org>

Elephant Bar Restaurant: 521 Firestone Road, off Hollister, near airport administration in Goleta.



From the Co-Presidents: This month we are pleased to welcome Michael Spann of Goleta to Individual membership. We hope all of you had a wonderful Thanksgiving and are now ready for SEC's interesting meeting December 12th. Also, please keep an eye out for your annual SEC renewal form, your prompt renewal is much appreciated.

Our 50th Year!

Happy Holidays to you and yours, **Tim Murphy and Gary Kravetz**

Please Note: luncheon seating is limited and available on a first-come basis.

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