



Sensor Networks and Unmanned Systems

Lindbergh Chapter General Lunch Meeting

Wednesday July 18th, 2007

11:30am –1:00pm

Program: Mr. Phipps will discuss ITAC's work in development of distributed, multi-level, sensor networks, supporting real-time detection, identification and monitoring of threat activities within the Unmanned Systems area of operation. The flexible system architecture provides the ability to automatically characterize and adapt to the threat environment, correlate information from multiple sensor types, and disseminate a common operational picture to the warfighter in near real time. The architecture supports pre-mission planning and rehearsal; mission execution; and post-mission exploitation, reporting and re-planning. The primary enabling technologies employed include:

- A wide area, hierarchically organized sensor database supporting distributed querying and updates
- Agent based semantic integration of environment data
- Effective use of XML supporting agent mobility
- Dynamic integration of associated sensor data and management of collection resources

Presenter: Michael D. Phipps, ITAC Vice President, Manager of Communications Intelligence Information Systems Business Unit

**\$15.00 for PRE-REGISTERING Members and Guests
\$20.00 at the door**

**Southwest Yacht Club
2702 Qualtrough Street
SAN DIEGO, CA 92106**

Send Pre-registration to: [**sccz@yahoo.com**](mailto:sccz@yahoo.com)

[**http://www.sd-auvsi.org**](http://www.sd-auvsi.org)

