3rd Annual
San Diego Regional Security Conference

Conference Agenda

September 14-15, 2010
Alumni Center, San Diego State University
San Diego, CA

Presented by:

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Fostering Innovation Through Collaboration®

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Agenda

3rd annual
San Diego Regional Security Conference & Exposition
(formerly "C4ISR, CyberSecurity, Robot Platforms & Sensors Conference")
Tues/Wed. 14-15 September 2010

and the

ISSA San Diego Chapter Annual SecureSD Conference
Tues. 14 September 2010

Location: Alumni Center, San Diego State University, San Diego, CA

Tuesday, Sept. 14, 2010

7:00 – 8:30 AM   **CONTINENTAL BREAKFAST, EXHIBITOR SET-UP & REGISTRATION**

8:30 – 8:45 AM   **WELCOME & INTRODUCTION**
Michael B. Jones – President, *The Security Network* and
Chuck Romano – President of ISSA San Diego Chapter

8:45 – 9:30 AM   **KEYNOTE ADDRESS**
Topic: **"CyberSecurity: The Essential Enabler"**
Intro: Bruce Roberts, SVP, Cubic
Speaker: Tony Sager, Chief, Vulnerability Analysis & Operations, Information Assurance
Directorate (IAD), NSA

9:30 – 10:00 AM   **BREAK AMONG EXHIBITORS**

CONCURRENT PANELS – 10:00 – 11:00 AM

TRACK 1 - PANEL 1 – ISSA TECHNICAL TRACK
Topic: **"Cyber Security – what is it?"**
Mike Davis – Chief Systems Engineer, SPAWAR
presented in conjunction with InfraGard

TRACK 2 - PANEL 1 - *TSN* TECHNOLOGY TRACK
Topic: **"Data Integrity- In Transit and at Rest"**
The technologies
1. **Moderator:** TBD
2. Warren Keane – Managing Director, Atlas Products Canada
3. Michael Waksman – Marketing Manager, Jetico

CONCURRENT PANELS - 11:00 AM – 12:00 PM

TRACK 1 - PANEL 2 - ISSA TECHNICAL TRACK
Topic: **"Data-centric Security"**
Oracle

TRACK 2 - PANEL 2 - *TSN* TECHNOLOGY TRACK
SPONSORED BY CAHON SYSTEMS
Topic: **"Data Integrity- In Transit and at Rest"**
A case study of a system and how problems were
overcome
1. **Moderator:** Barry Jackson – CEO, Cahon Systems
2. Barry Atkinson – CTO, Cahon Systems
3. Chad Trytten – Spark Integration
4. Michael Neale – Chair, RTCA Unmanned Aircraft
Communications Standards
5. Jack Deasy – Director, Civil Government Programs,
Inmarsat Government Services, Inc.

| 12:00 – 1:00 PM | LUNCH AMONG EXHIBITORS |

CONCURRENT PANELS - 1:00 – 2:00 PM

TRACK 1 - PANEL 3 - ISSA TECHNICAL TRACK	**TRACK 2 - PANEL 3 -** *TSN* **TECHNOLOGY TRACK**
Topic: "Web 2.0 Security" (*indicative*)	SPONSORED BY ESET
Ron Broersma, OWASP / SSC – Pacific	**Topic: "Intrusion Detection & Prevention"**
	1. **Moderator:** Jeff Debrosse – Director, Cyber Threat Analysis Center, ESET
	2. Anirban Banerjee – CEO, StopTheHacker
	3. David Dodd – President, PBNetworks
	4. Miles Hale – Asst. VP, Secure Business Solutions, SAIC

CONCURRENT PANELS - 2:00 – 3:00 PM

TRACK 1 - PANEL 4 – ISSA TECHNICAL TRACK	**TRACK 2 - PANEL 4 -** *TSN* **TECHNOLOGY TRACK**
Topic: "Advanced Persistent Threats"	**Topic: "Security Testing and Audit Technologies"**
Bryan Whyte, SSC – Pacific	1. **Moderator** & panelist: Derrick Francis – IT Infosec, SPAWAR Systems Center Pacific
	2. Kevin Albano – Manager, Threat Management Services Team, Mandiant
	3. Rick Moy – CEO, NSSLabs

| 3:00 – 3:30 PM | BREAK AMONG EXHIBITORS |

CONCURRENT SESSION - 3:30 – 4:30 PM

TRACK 1 - PANEL 5 – ISSA TECHNICAL TRACK	**TRACK 2 - PANEL 5 -** *TSN* **TECHNOLOGY TRACK**
Topic: "Virtualization Security"	SPONSORED BY CUBIC AND INSA
TBD	**Topic: "National Policy, Processes and Procedures"**
	1. **Moderator:** Bruce Roberts, SVP, Cubic/INSA member
	2. Ernest Doring – QinetiQ/INSA member
	3. Enn Tyugu – Lead Research Scientist, Cooperative Cyber Defence COE
	4. Aimee Larsen Kirkpatrick – Communication and Outreach Director, National Cyber Security Alliance Director, National Cyber Security Alliance

| 4:30 – 4:45 PM | BREAK TO RE-ASSEMBLE ATTENDEES TO BOTH CONFERENCES |

4:45 – 5:45 PM	**CLOSING 1ST DAY PANEL**
	SPONSORED BY "Securing Our eCity"
	Topic: "Securing Our e-City Update"
	1. **Moderator:** Darin Andersen – COO, ESET
	2. Sheryl Bilbrey – President, Better Business Bureau
	3. Jay Foley – CEO, Identity Theft Resource Center
	4. Mitch Dembin – Asst. U.S. Attorney, Southern District of California

3rd annual
San Diego Regional Security Conference
A Message From the Conference Chairman

The **San Diego Regional Security Conference**, formerly known as the **C4ISR, CyberSecurity, Robot Platforms & Sensors Conference**, is a unique event in our region. Building on *The Security Network (TSN)* tag line, "Fostering Innovation thru Collaboration", this event focuses on the region's strengths and brings small technology firms from around the world to our region where they are able to introduce their technologies and products to users and integrators seeking opportunities of mutual benefit. The new name recognizes the cooperative nature of the public, private and academic institutions in the region and has gained support and/or participation from the major defense and security associations in the region, thus making the event more attractive to the technology firms. *TSN* has also reached out to the nation's capital to bring representatives from federal agencies and associations such as INSA (Intelligence and National Security Alliance) and NCSA (National Cyber Security Alliance) that share these interests to the event to expand the networking opportunity available to all who participate.

The event was the first to focus on cyber as a horizontal technology that impacts many markets and applications and is vital to the effectiveness of the C4ISR systems being developed in the region. Earlier events reached out to the Information Systems and Security Alliance (ISSA) who integrated their annual "SecureSD" conference for the cyber Subject Matter Experts (SMEs) into day one of the event. Last year, *TSN* reached out to INSA, the largest industry association focused on the intelligence community in the nation's capital and this year has added NCSA from Washington, DC and invited other defense industry associations from the region to participate. The Association of Old Crows (AOC), Association of Unmanned Vehicle Systems International (AUVSI) and Armed Forces Communications and Electronics Association (AFCEA) have members sponsoring panels in this event. The value proposition for participation in the event has been recognized by each of the major categories; small technology firms, system integrators and customers/users of the C4ISR systems and subsystems.

Small Technology Firms – Participation is relatively inexpensive, all firms are given equal opportunity (table top displays) so they are not relegated to the background, and the networking opportunities to get input from customers/users about their systems as well as introduce their capabilities to integrators that may bring their products to market.

System Integrators – The opportunity to not only display their products and systems to customers/users but also to find new technologies that may add capability, even competitive discriminators, to their offerings. The environment also enables the integrator to discuss a technology with the customer/users present to assess their interest.

Customers/Users – Customers/Users find the event exposes them to technologies from around the world that they may not be aware of in an environment where they can interact with the technologists to understand and assess their potential value and, in cases where there is interest, to involve integrators to explore how to have it assessed in an operational environment.

In summary, we hope you will find the event unique and of value to you and the organization(s) you represent. If you are participating, we welcome your suggestions regarding how to improve the event in the future. We encourage you to recommend it to others who share your commitment to the national and homeland security challenges. If you cannot join us thie year, we hope you will join us in 2011.

Bruce Roberts
Chairman, Program Committee
SVP, Cubic Corp.

3rd annual
The San Diego Regional Security Conference
Speakers, Panelists, and Moderators

WELCOME & INTRODUCTION

Michael B. Jones – Welcome
President, The Security Network
Michael is President of *The Security Network* / **The Maritime Alliance**. Michael is also President of ProFinance® Associates, Inc. (www.profinance.com), a San Diego-based investment banking firm (Broker-Dealer – member of FINRA/SIPC) focused on security since its inception in 1985 and CFO of SeaBotix (www.seabotix.com), a fast growing manufacturer of mini-ROVs (underwater tethered robots). Michael has sat on a number of corporate Boards of Directors nationwide. In San Diego, on the non-profit side, Michael sits on the Advisory Board for the San Diego Chapter of AUVSI (*Association for Unmanned Vehicle Systems International*), the National University Cyber Security and Information Assurance (CSIA) Advisory Council, SouthWest Innovation Cluster (SWIC) Executive Committee, and at San Diego State University sits on the Advisory Boards of the EMC (*Entrepreneurial Management Center*) and of the College of Engineering.

Michael was born in Germany and grew up in Arizona. He earned a Masters Degree from the Johns Hopkins University "School of Advanced International Studies" (SAIS). His graduate studies included a year in Bologna, Italy; a year at the Catholic University in Lima, Peru; and internships at the International Atomic Energy Agency in Vienna and at the European Community headquarters in Brussels. He can defend himself in five languages. He is a graduate of the FBI Citizens' Academy and a member of the FBI InfraGard program and various other professional organizations.

KEYNOTE ADDRESS

Topic: "CyberSecurity: The Essential Enabler"

Tony Sager – Speaker
Chief, Vulnerability Analysis & Operations, Information Assurance Directorate (IAD), NSA
Tony Sager is the Chief of the Vulnerability Analysis and Operations (VAO) Group within the Information Assurance Directorate at the National Security Agency. VAO's mission is to identify and analyze the vulnerability of information, technology, and operations for NSA customers, primarily within the Defense Department and the Intelligence Community. VAO is also very active in helping the broader national security community deal with these same problems through guidance and standards. VAO has received recognition from several private sector sources (including SC Magazine Editor's Choice for 2007; and The National Information Security Leadership Award from Government Executive Magazine and the SANS Institute).

During his 30 year career at the NSA, Tony has held a number of technical and managerial positions in Computer/Network Security and software analysis. He holds a BA in Mathematics from Western Maryland College and an MS in Computer Science from the Johns Hopkins University. Tony is also a graduate of the US Army Signal Officer Basic Course (as a civilian), and the National Security Leadership Course. He is a frequent keynote speaker and panelist at national and international security events.

THE SECURITY NETWORK TRACK PANELS

Topic: "Data Integrity- In Transit and at Rest"

TBD – Moderator

Michael Waksman – Panelist
Marketing Manager, Jetico
Information Technology marketing expert Michael Waksman has been leading the growth of Finnish data protection software developer Jetico since 2008, when he started building the company's enterprise customer relations and gathering market research primarily by learning from Jetico's own user base within the U.S. Defense community. Mr. Waksman is an American citizen and native New Yorker, but has been living in Helsinki, Finland for the past five years. During that time he has gained valuable insights on the latest global IT security issues. Before joining Jetico, Mr. Waksman managed marketing and communications for Helsinki-based Valimo Wireless, market leader in mobile digital signature solutions, where he collaborated with industry analysts resulting in first-ever reports on the topic. Mr. Waksman's market expertise on IT security challenges from the customers' viewpoint gives him a wide understanding on an international level for both B-to-B and end-user perspectives and are crucial in his task to enhance Jetico's research and development.

Warren Keane – Panelist
Managing Director, Atlas Products
Warren Keane is the CEO at Atlas Products Canada. Previously he has worked as a senior systems analyst for the Ministry of Finance of the provincial government of British Columbia; IT manager at Convergent Media Network; and as an independent systems consultant. He received his education at Camosun College and the University of Victoria.

Topic: "Data Integrity- In Transit and at Rest" A case study of a system and how problems were overcome

Barry Jackson – Moderator
Owner and CEO, Cahon Systems, Inc.
Barry has more than 40 years experience in the communications industry as a design engineer, systems engineer, and in the sales/ marketing environment. Barry's career started in late 1960s in the research field of computing on speech recognition and disk filing systems. In the early 1970s Barry moved into military communications on a number of guided weapons projects, working there until the early 1980s when he moved into sales with the European branch of a major US telemetry systems company rising to the European Marketing director for this company. In the mid-80s he formed his own systems engineering company in the telemetry and video compression arena working on a number of high-profile projects for the UK Ministry of Defence and major European prime defense contractors. As CEO he negotiated the sale of this company. He moved to San Diego in 2003 where he started another systems and design engineering company with his partners. This company specializes in communication products. The company is currently under contract to design and supply a number of products based on the Inmarsat I-4 satellite constellation and the Iridium satellite constellation.

Roger Atkinson – Panelist
Chief Technical Officer, Cahon Systems, Inc.
Roger has many decades experience creating profitable wired and wireless communications products and systems. His capabilities and experience encompass all phases of product creation from concept to production, including system and network architecture, detailed system design, analog and digital circuit design, packaging, power, EMC, standards compliance, documentation, production, and test. Additional tasks related to product creation include analysis of customer requirements, product line planning, planning for system installation & user transition, technical presentations & sales support, domestic & offshore outsourcing and service on technical standards committees.

Roger has intimate knowledge of voice and data networks and the worldwide public-switched telephone network. He holds eight patents and is a specialist in design of standards-compliant analog and digital interfaces. He has also served as a design consultant on troubled projects.

Current and recent products and projects include satellite voice and data links for controlling unmanned aircraft, rugged satellite voice and data link for the US Marine Corps, US Navy shipboard support equipment for an unmanned helicopter, high temperature solar cell assemblies, asset tracking device with embedded chain of custody log, radio conference panel with intercom for large boats and yachts, salvaging a military wireless telemetry project with embedded GPS, technical due diligence evaluation for an acquisition by a public company, FAA approved airborne satellite telephone and data terminals, Voice over Internet Protocol (VoIP) products, T1/E1 communications subsystem for video compression, 100Base-FX to 100Base-TX fiber-to-copper media converter, data communications for undersea telemetry. Current customers and clients include General Atomics Aeronautical Systems, Inc.; GIT Satellite Communications, LLC; Northrop Grumman Corporation, Cubic Corporation, Teklaunch, Inc., FlavorX, Inc.

Jack Deasy – Panelist
Director, Civil Government Programs, Inmarsat Government Services, Inc.
Jack Deasy joined Inmarsat's Washington D.C.-based Global Government Services team in August 2003. As director of Civil Government Programs, he leads business development activities for Inmarsat's mobile satellite services in non-military national, state and local markets worldwide with a focus on emergency response and non-government organization humanitarian activities. He is also the aeronautical sector lead for Unmanned Aircraft Systems (UAVs/UASs),

(Jack Deasy continued)

Between 2000 and 2003, Jack worked at the Federal Communications Commission (FCC) International Bureau in positions responsible for international regulatory policy and cross-border radio-communications negotiations. From 1984-2000 he served as a foreign service officer with the U.S. Department of State, with foreign postings in Colombia, the United Kingdom and Chile, and in a variety of positions in the Washington bureaus responsible for Western Hemisphere, European and Economic and Business Affairs. In the latter position, he was responsible for international telecommunications and information policy in the Western Hemisphere and led several U.S. public/private delegations to meetings of the Inter-American Telecommunications Commission (CITEL).

Jack holds a B.A. from the College of the Holy Cross in Worcester, MA (1983) and has done graduate work in applied geography/ GIS at the University of North Carolina at Greensboro and through Pennsylvania State University's World Campus. He serves as an adjunct professor in the Homeland Security Graduate Program at San Diego State University, where he supports research into wireless communications for a range of wildfire, disaster response and border security applications.

Michael Neale – Panelist

As RF Systems Manager for the Aircraft Systyems Group of General Atomics Aeronautical Systems, Inc. (GA-ASI) Michael Neale is responsible for all RF communications systems design for GA-ASI's unmanned aircraft. The Aircraft Systems Group manufactures supports and operates a variety of proven, reliable, unmanned aircraft systems for military and commercial applications worldwide. Mr. Neale currently serves as chairman of RTCA Special Committee SC-203's Control and Communications Product Team and is a member of its Leadership Group. RTCA SC-203 is tasked with writing the standards that will be used to certify UAS for flight in the U.S. National Airspace System (NAS).

Chad Trytten – Panelist

Owner and CTO of Spark Integration Technologies.

Chad is an inventor and developer of distributed systems made from composite applications and devices. He has a degree in Cognitive Systems, Computational Intelligence and Design from the University of British Columbia (UBC). He was chief architect for UBC's entry into the 2005 DARPA Grand Challenge that focused on new ways to resolve the problem of integrating different kinds of hardware and software components into cohesive functional systems. Spark was founded in 2006, leveraging this experience to build industrial strength solutions.

Topic: "Intrusion Detection & Prevention"

Jeff Debrosse – ESET – Moderator

Director, Cyber Threat Analysis Center, ESET

Jeff Debrosse, Director of the Cyber Threat Analysis Center for ESET, provides the leadership and vision that launched ESET's largest data mining and visualization project which is focused on ESET's repository of malware data to uncover trends and patterns in cybercrime. Jeff brings to ESET his Fortune 500 data communications networking experience from Qwest Communications and Synergic Communications where, as their Chief Technology Officer, he and his team built a global-scale VoIP carrier platform. His background extends from service in the United States Marine Corps to tech firms across the country, Israel and the Far East. He's a Certified SCADA Security Architect (CSSA), a board member for the UCSD Jacobs School of Engineering Corporate Affiliates Program and a member of the high-tech crimes task force steering committee. Jeff is often quoted in the press and is a high-demand speaker and author on cybersecurity.

David Dodd – Panelist

Founder, pbnetworks

David Dodd has over 12 years of experience in the field of network security. His work includes national and international intelligence matters. His technical and management skills have served him well in companies ranging from Barona Casion, JJenny Craig, WebSideStory, Raytheon, Department of Defense, and the San Diego International Airport Authority. Mr. Dodd is president and founder of pbnetworks Inc. providing security consulting services. Outside his day job, he is an active member of the SANS community (co-author of SANS GIAC Sec709 GCXD Exam), ISSA (Information Systems Security Association), and San Diego InfraGard.

Anirban Banerjee – Panelist

Chief Security Officer and co-founder of Jaal LLC

Dr. Banerjee has authoredseveral scientific papers on Internet measurements, security and privacy. He won the best paper award