



4th Annual IT Security Conference for the Oil and Natural Gas Industry

November 10-12, 2009
Hilton Houston North Hotel
12400 Greenspoint Drive
Houston, TX

Event check-in: Sign-in with the registration desk to receive your conference credentials and materials.

Draft Meeting Agenda

Tuesday November 10, 2009	
11:00 AM – 7:00 PM	Registration Open
Noon – 5:00 PM	<p>Education Course– Presented by the Department of Energy’s National SCADA Test Bed Program Introductory SCADA Security for Managers and Operators (4 hours)</p> <p>Who should attend: System managers and control operators for power and energy generation organizations or transmission and distribution organizations.</p> <p>Agenda: This fast-paced course is packed with information covering:</p> <ul style="list-style-type: none"> • SCADA Network Communications Overview • Common Vulnerabilities of Control Systems • Inadequate Policies and Procedures • Poorly Designed Control System Networks • Misconfigured or Unpatched Operating Systems and Imbedded Devices • Inappropriate use of Wireless Communication • Inadequate Authentication of Control System Communications • Inadequate Identification and Control of Access to Control System • Lack of Detection and Logging of Intrusion • Dual use of Control System Networks • Lack of Security checking of Control System Software/Applications • Lack of Change Management/Change Control Procedures and Agreements • Potential Mitigation Strategies based on multiple levels of implementation • Cyber Security Awareness Demonstration Video <p>This course is structured to help students not only understand exactly how attacks against SCADA systems can be launched and why they work, but also provides mitigation strategies to increase the cyber security posture of their control system networks.</p> <p>Presenters: Gary Finco, Idaho National Lab Mark Zanotti, LoftyPerch</p> <p>http://www.inl.gov/scada/training/introductory_scada.shtml</p>
Wednesday November 11, 2009	
7:30 – 7:50 AM	Continental Breakfast <i>Sponsored by Symantec</i>
7:50 – 8:00 AM	Safety Moment and Opening Comments

8:00 – 9:00 AM	<p>K1: Welcome & Keynote: CSIS Report, Cyber Security Warfare Cyber Warfare is real and a topic that companies should look to protect against. General Raduege will discuss his role with delivering the Center for Strategic International Studies (CSIS) report and recommendations for the 44th Presidency. He will address the obstacles that the new administration will face in terms of adequate protection of the nation’s assets.</p> <p>Speaker: Lieutenant General Harry D. Raduege Jr. (USAF, Ret), Director, Deloitte & Touche LLP</p> <p>Moderator: Mike McMullen, Anadarko</p>	
9:00 – 10:00 AM	<p>K2: Keynote: The State of the Oil Industry The oil and natural gas industry has just been through one of the most volatile years in the industry’s history. The severe recession in the U.S. and the global economy hit energy markets hard as indicated by the sharp decline in earnings and investments. The consensus view among economists is that the economy is finally beginning to recover, although the pace of recovery to date has been slow and the recovery itself is thought to be fragile. Against this backdrop, U.S. policymakers are taking up major legislative initiatives dealing with climate change and corporate tax policy. These initiatives could have long range repercussions on oil and natural gas producers for decades to come.</p> <p>Speaker: Rayola Dougher, API</p> <p>Moderator: Lisa Soda, API</p>	
10:00 – 10:20 AM	<p>Morning Refreshment Break <i>Sponsored by Microsoft</i></p>	
10:20 – 11:35 AM	<p>A-1 Business Application Track</p> <p>A-1 Seven Principles for Protecting the Next Generation Data Center “Megatrends” taking shape in business and technology are radically redefining information security. Virtualized data centers, cloud computing, and the increasing dependence of fragmented workforces on mobile devices and collaborative tools are consolidating computing infrastructures and loosening physical control over IT assets. With these trends come increased risks but importantly a unique opportunity to provide even better security than is possible in traditional IT environments. Join the discussion on how we can and must prepare for the challenges ahead.</p> <p>Speaker: Art Coviello, RSA</p> <p>Moderator: Mike McMullen, Anadarko</p>	<p>B-1 Technology Track</p> <p>B-1 Spear Phishing – Real Cases, Real Numbers This presentation will discuss the evolution of phishing from being a means of stealing user identities to becoming a mainstay of organized crime. Today, phishing is a key component in a "hackers" repertoire. It has been used to hijack online brokerage accounts to aid pump n' dump stock scams, and as a means of creating covert channels from compromised user machines to the Internet. During this talk, Belani will present the techniques used by attackers to execute spear phishing attacks, and real-world cases that he has responded to that will provide perspective on the impact. Countermeasures that have been proven to be effective and are recommended by reputed bodies like SANS and Carnegie Mellon University will also be discussed.</p> <p>Speakers: Rohyt Belani, CEO, Intrepidus Group, Inc...</p> <p>Moderator: Paul Huttenhoff, Chevron</p>
11:45 – 1:00 PM	<p>Attendee Lunch – 11:45 – 12:30; Visit with vendors 12:30 – 1:00</p>	

1:00 – 2:15 PM	<p>A-2 SCADA This Session will feature viewpoints from leaders of SCADA and process control systems from both the user and provider sides. Collectively, the Panel will provide a high-level overview of what technology systems are ready for insertion today, what is in the pipeline, and the enabling SCADA functionalities from their insertion, and the associated benefits. We expect the presentations and exchanges to unveil many collaborative opportunities for technology system insertion today and into the future.</p> <p>Speakers: Michael DuBois, Colonial Pipeline Co. Gary Finco, Idaho National Lab Brian Gore, Boardwalk Pipeline Partners Al Rivero, Telvent</p> <p>Moderators: Al Rivero, Telvent Dave Scheulen, BP</p>	<p>B-2 "Top 5 Information Security Threats" This session is a look at the leading information security threats as ranked across the total spectrum of cyber, human factors and IT physical security combined. This presentation is a reminder that a narrow focus on any one information security discipline alone cannot properly secure an organization's information assets. It also establishes the value of an integrated approach to information security.</p> <p>Speaker: Paul Williams, Gray Hat</p> <p>Moderators: Dd Budiharto, Halliburton Don Keller, Schlumberger</p>
2:15 – 2:35 PM	Refreshment Break <i>Sponsored by McAfee</i>	
2:35 – 3:50 PM	<p>A-3 What You Don't Know Can Hurt you: Security Professionals and Applications Most Chief Security Officers (CSO's) are not software developers - software is a "black box" for them, and they largely cede this area of expertise to the software architects and developers who touch code. This presentation will help CSO's that do not have a background in software code development understand the salient aspects of the software development process and to upgrade their IQ on software. It will help them to identify risks with different assessment approaches, how to inject themselves into the development process at key "waypoints," and to understand ways to influence development peers to write more secure code.</p> <p>Speaker: John Dickson, Denim Group</p> <p>Moderators: Paul Dial, Halliburton Don Keller, Schlumberger</p>	<p>B-3 Virtualization Organizations are consistently establishing business cases that facilitate cost savings and business enhancement. Organizations must evaluate the security implications of their extended business relationships, which may include:</p> <ul style="list-style-type: none"> • Virtualized desktops • Virtualized security, and • Virtualized applications <p>This session will discuss some of the methods for an overall risk management security program in virtualization considerations.</p> <p>Speakers: Rob Randell, VMware Ivan Skerl, Baker Hughes David Stoker, Microsoft</p> <p>Moderator: Ivan Skerl, Baker Hughes</p>
3:50 – 4:10 PM	Refreshment Break <i>Sponsored by McAfee</i>	

4:10 – 5:25 PM	<p>K3: CIO Panel Discussion Theme: Managing Risk in Downtimes While Still Keeping Business Moving, Thoughts on the IT Security Road Ahead Back by popular demand with more in-depth discussions .Information security is one of the top concerns of C-level executives across industries. This session provides an opportunity to hear oil and natural gas industry CIOs share their thoughts on a range of current topics. In this session you will find out how your peers are handling the challenges you're facing such as IT spending, data as a strategic asset, compliance, emerging technologies and business pressures.</p> <p>Speakers: Kevin Campbell, Hunt Oil Thom Sneed, Marathon Oil</p> <p>Moderator: Dan Chisum, ConocoPhillips</p>
5:30 – 6:30 PM	Networking and Welcome Reception
Thursday November 12, 2009	
7:30 – 8:00 AM	Continental Breakfast
7:50 – 8:00 AM	Safety Moment and Opening Comments
8:00 – 9:00 AM	<p>K4: Keynote: Emerging Threats On Attacking and Defending Critical Infrastructure Networks The critical infrastructure, which comprises computers, embedded devices, networks and software systems, is vital to day-to-day operations in every sector – agriculture, food, water, public health, emergency services, government, defense, information and telecommunications, energy, transportation, banking and finance, chemicals and hazardous materials, and postal and shipping. Global business and industry, government – indeed society itself – cannot function if major components of the critical infrastructure are degraded, disabled or destroyed.</p> <p>This presentation highlights the challenges involved in securing interconnected critical infrastructure assets; in particular, the Internet and IP networks, telecommunications networks, banking networks, and process control (SCADA) networks used for oil and gas, water and electric power distribution. Also, it discusses the importance of designing security solutions that weave science, technology and policy into the mix.</p> <p>Speaker: Dr. Sujeet Sheno, University of Tulsa</p> <p>Moderator: Scott Crane, Williams</p>
9:00 – 10:00 AM	<p>K5: Enterprise Information Protection - The Value and Economics of Security Information is arguably the most important asset in any organization and yet when we look at protecting information we do in terms of infrastructure; USB control, email encryption, DLP, E-discovery and so on. Instead, shouldn't we be protecting data from a risk based and enterprise wide view? Join Dan Geer as he presents: Enterprise Information Protection - taking a holistic and risk based approach to monitoring and protecting sensitive information. Dan will draw on challenges specific to the Oil and Gas Industry and provide relevant solutions which allow competitive gain through the use of more sensitive information and mitigating the risk of compromising data.</p> <p>Speaker: Dr. Daniel Geer, Chief Scientist Emeritus, Verdasys</p> <p>Moderator: Rodolfo Lopez, Chevron</p>
10:00 – 10:20 AM	Morning Refreshment Break <i>Sponsored by RSA Security</i>

<p>10:20 – 11:35 AM</p>	<p>A-4 Data Leakage Come witness a panel discussion of industry experts in the data leakage prevention space. BEW Global will open the session, followed by technology overviews from McAfee and Symantec with closing remarks. Audience involvement in questions and answers will also be available.</p> <p>Speakers: Scott Campbell, McAfee Robert Eggerbrecht, BEW Global Andrew Forgie, Websense Robert Hamilton, Symantec</p> <p>Moderators: Pablo Casco, Baker Hughes Mike McMullen, Anadarko Dd Budiharto, Halliburton</p>	<p>B-4 Cloud Computing There has been much talk/writing recently about cloud computing and its ability to provide services at greatly reduced cost. There is much confusion, though, as to what cloud computing actually is and there is also much concern as to how or whether one can actually secure information/applications in the cloud. This session will describe what cloud computing is and provide overview of an architecture that can help secure these services.</p> <p>Speaker: Jim Reavis, Cloud Security Alliance</p> <p>Moderators: Michael Lewis, Chevron Dan Chisum, ConocoPhillips</p>
<p>11:45 – 1:00 PM</p>	<p>Attendee Lunch –11:45 – 12:30; Visit with vendors 12:30 – 1:00</p>	
<p>1:00 – 2:15 PM</p>	<p>A-5 H1N1 Pandemic and the Human Side of Business Continuity Many factors play in to continuity planning efforts, from asset allocation, redundancies and restorative measures. An often overlooked area in continuity planning is the human side. This presentation will focus on the human aspects related to continuity planning and pandemic preparations.</p> <p>Speaker: Bruce Blythe, Crisis Management International</p> <p>Moderators: Gary Ford, ConocoPhillips Randy Meuser, Marathon Oil</p>	<p>B-5 Securing Mobile Devices and Workers Smartphones are becoming more and more powerful each day: more processor speed, storage capacity, and more powerful networking capabilities like Wi-Fi and Bluetooth. As security professionals, we must consider the potential implications related to data loss, privacy, malware, and other security incidents – and we must do so with as little impact as possible on user productivity. No small feat!</p> <p>This presentation will focus on the challenges associated with securing smartphones in the corporate environment, and the implications of doing a security standardization in companies operating worldwide, highlighting the details needed for a successful deployment of a long term security strategy, which is completely product agnostic.</p> <p>Speakers: Jim Heaton, Baker Hughes Fabio Ottolini, Schlumberger</p> <p>Moderators: Pablo Casco, Baker Hughes Ovo Dafe, Schlumberger</p>
<p>2:15 – 2:35 PM</p>	<p>Refreshment Break <i>Sponsored by Motorola</i></p>	

2:35 – 3:50 PM	<p>A-6 IT Green Security Primer - Security Implications of Green and Industry Trends What are the implications of going green for IT security? They may be more significant than you think and in ways you never considered. Get the latest on how organizations are incorporating green into their sustainability initiatives. Find out the practical implications for the IT security function and understand the industry trends and how they affect the IT security function.</p> <p>Speaker: Sandy Hawke , Big Fix</p> <p>Moderator: Dd Budiharto, Halliburton</p>	<p>B-6 Collaborative Workspaces: Risks and Security Looking for ways to securely collaborate with members of other companies in the industry? Find out what Microsoft's SharePoint has to offer and how customers are using it securely. Speakers from Schlumberger and ConocoPhillips will share their experiences with the external collaboration tool. Leveraging Federation, Information Rights Management and authentication to meet the challenges of secure collaboration are a few of the topics to be discussed.</p> <p>Speakers: Peter Salzyn, ConocoPhillips Rick Sanders, Schlumberger Nate Shea-han, Microsoft</p> <p>Moderator: Mary Friedman, ConocoPhillips</p>
3:50 – 4:10 PM	Refreshment Break <i>Sponsored by Motorola</i>	
4:10 – 5:25 PM	<p>K6: Cloud Computing: A Dark Cloud Over Castle Moat or A Silver Lining? The castle moat model of security architecture has been under attack for decades from security pundits and others who consider it to be an anachronism in our world of inter-company collaboration and mobility. Many believe that the emergence of cloud computing further hammers additional nails into castle-moat's coffin and will finally bury this architecture for good. Others, though, view cloud computing as actually bolstering the castle-moat model. Join us as two Oil and Gas company members debate whether cloud computing is a dark cloud over castle moat or a silver lining.</p> <p>Speakers & Moderators: Dan Chisum, ConocoPhillips Michael Lewis, Chevron</p>	
Friday November 13, 2009		
8:30 – Noon	Closed Committee Meeting – (By invitation only)	