

EnergySec 14th Annual Summit Preview Webinar



June 12, 2018



Our Sponsors

As of June 12th



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Industrial Cyber Security



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VERVE
INDUSTRIAL PROTECTION



DARKTRACE

tripwire





Venue

Disneyland Hotel | 1150 West Magic Way | Anaheim, CA

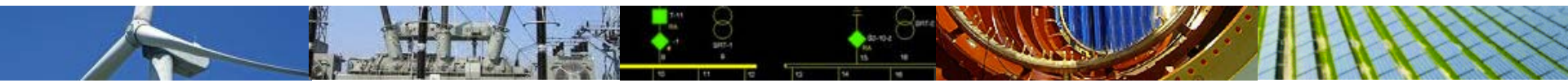
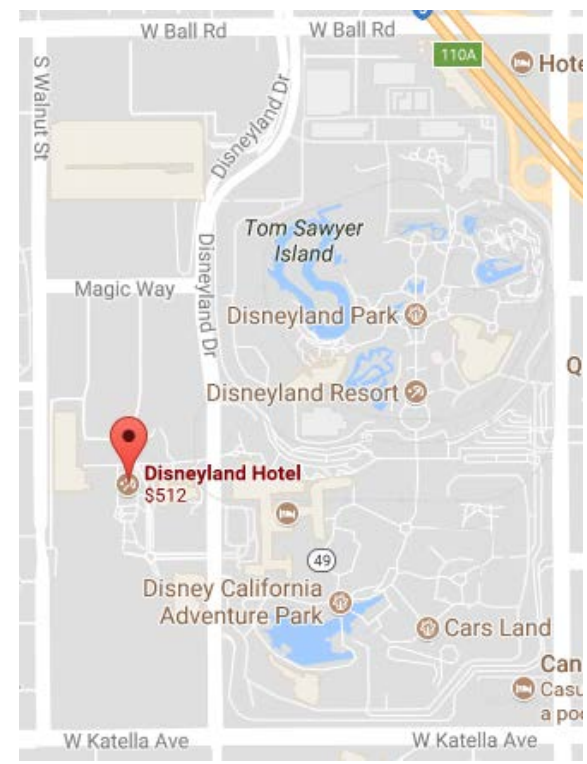
Located just steps from the Downtown Disney District, the hotel is a short stroll to both Disneyland Park and Disney California Adventure Park.

Special Room Rates for Attendees

A limited number of discounted rooms are available at a rate of \$219/night. Visit the Venue/Hotel tab at <https://www.energysec.org/security-compliance-summit/> for details.

Discounted Park Tickets

Attendees have the option of purchasing discounted Disneyland tickets. These special ticket prices are not available once you arrive at the Resort and must be bought in advance.



High Level Agenda



Day 1, Monday, August 27th

Birds of a Feather Sessions

Welcome Reception

Student Dinner

Day 2, Tuesday, August 28th

Keynote, Panels, Presentations

Dedicated Expo Hall Time

Day 3, Wednesday, August 29th

Keynote, Panels, Presentations

Catered Lunch and Awards Presentation

Expo Hall

ICS Village – NEW to the Summit

- Hands on learning experience offering defenders of all skill levels the opportunity to become more knowledgeable and prepared for the industrial threats of tomorrow.
- Safe space to test and document realistic attack and defense scenarios.
- ICS Village blends together simulated ICS environments with physical industrial components like Programmable Logic Controllers (PLC), Human Machine Interfaces (HMI), Remote Telemetry Units (RTU), actuators, and miniature robotic arms.
- Be sure to stop by their expo space #113 to learn more about the project and how you can get involved.





Monday

** Attendance open to utility personnel and invited guests only **

Four “Birds of a Feather” Breakout sessions

Security Leadership

Questions Boards Should Ask About Cybersecurity
Make compliance management a competitive advantage
Industry Academic collaboration

Security Operations

ICS Forensics
Accelerating Incident Response and Threat Hunting By Sharing Behavioral Data
Case Study: Cryptojacking on a water network
Security Monitoring of ICS Systems

Security Architecture

Designing Isolation for SCADA Systems

Compliance

Deploying Digital Locks at Low Impact Sites
FERC Security Program for Hydropower Projects
Supply Chain Security





Welcome Reception

** Open to all registered attendees and their families **

Join us for a fun-filled, family event!

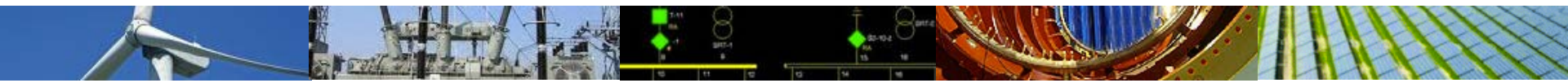
Monday Evening 5pm - 7pm,
Sleeping Beauty Pavilion

Food and drinks

Networking with peers across the industry

Live music

Mickey and friend photo shoot



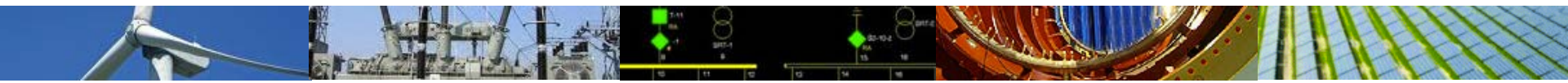


Student Dinner

** Open to registered students and student/workforce sponsors **

Monday 7pm – 9pm

As part of our scholarship program, we look to enable interested college students to attend the Summit and engage with industry. We will be hosting a dinner for these students and our workforce and scholarship sponsors on Monday evening.





Tuesday Morning at a Glance

**** Sessions open to all full-conference attendees ****

Keynote Address

The Digital Utility Transformation: Opportunities and the Way Forward
Gaétan Houle, Principal Security Architect CIP, SNC Lavalin

Presentation

Post-Secondary Power Security Education : Building an education pipeline to satisfy industry needs.
Ben Winslett | Senior Security Analyst | Arizona Public Service

Presentation

The DOE Cyber Defense Competition: An analysis and view of the future
Nathaniel Evans | Cyber Operations, Analysis and Research Lead | Argonne National Lab

Networking Break with Refreshments served in the Expo area.

Presentation

Easing NERC CIP Compliance with Automated Asset Inventory for Substations
Brian Proctor, Brandon Workentin | Security Matters

Presentation

Cyber Resiliency for ICS Environments
Barak Perelman | CEO, Indegy

Presentation

Physical and Cyber Resilience on the Energy Grid
Ronald Keen | DHS





The Digital Utility Transformation

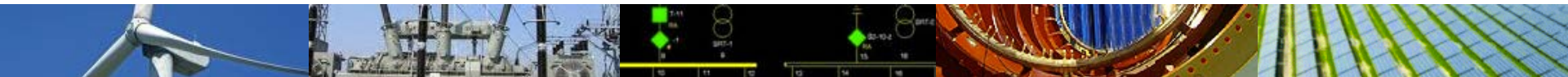
- › Opportunities derived from digitalization
- › Challenges
- › Digitalization of the power grid
- › Securing digital substations (IEC 62351)
- › Secure packet switched networks
- › IT/OT convergence
- › Cybersecurity



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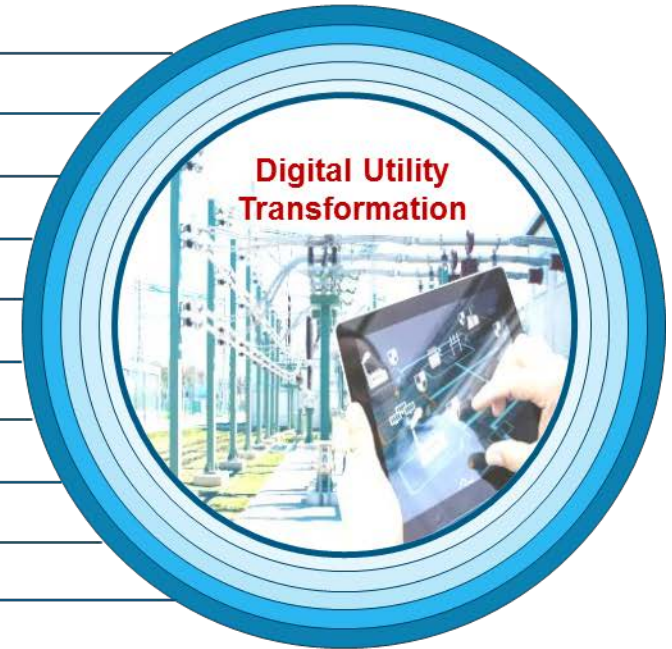




THE WAY FORWARD: Top 10 Best Practices in Cybersecurity

Layered security strategy

1. IEC 62351 end-to-end security functionalities
2. Two-factor authentication for privileged accounts
3. Virtual infrastructure to prevent malware infiltration
4. Rigorous patch and change management programs
5. Advanced malware protection
6. Role Based Access Control
7. IT security training and awareness
8. Hardening of operating systems
9. Central security information and event monitoring
10. Logical isolation between OT and corporate networks



   [snclavalin.com](https://www.snclavalin.com)

Principal Security Architect CIP, SNC-Lavalin
Gaétan Houle, Eng., MBA

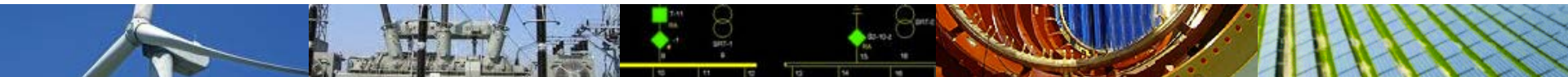
Please contact us at:
cip-ot-digital@snclavalin.com



Automating NERC CIP Compliance for Asset Owners



- August 28th (Day 2) at 10:30 AM
- Speakers: Brian Proctor & Brandon Workentin
- NERC CIP compliance has historically been a manually intensive, complex process
- Get ideas on how to ease the process of patch and vulnerability management
- Learn how to get automated, passive asset inventory for all substation assets
 - Identification of device part number, firmware version, vendor, model, serial number
- Eliminate site visits and manual processes, while ensuring a more accurate inventory without the risk of data entry errors.



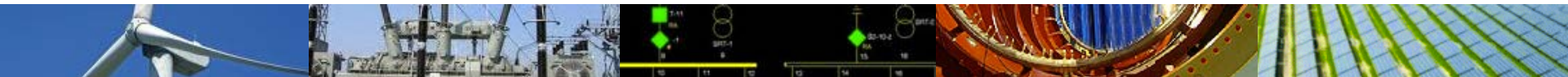
SecurityMatters at EnergySec



- Booth #102 in the Expo Hall
- Interactive demos of SilentDefense, the leading industrial cyber resilience solution, using the Gotham City model



- Giveaway: Oculus Go Standalone VR Headset



Tuesday Afternoon at a Glance



**** Sessions open to all full-conference attendees ****

Panel

Security Implications of Commercial Drones

Moderator: Ernie Hayden

Panelist: Brian Harrell | Managing Director of Enterprise Protective Services | Duke Energy

Others To Be Announced

The Elevator

Rapid fire overview of security solutions

Participating Companies: Anomali, Darktrace, Nozomi Networks, Tripwire, Verve Industrial Protection

Expo Hall and Networking

Enjoy refreshments and networking while exploring security solutions in our expo hall

Evening Events

Enjoy a variety of informal evening events, or spend some time relaxing in one of Disney's Parks



Wednesday Morning at a Glance



**** Sessions open to all full-conference attendees ****

Keynote Address

Emerson

Panel

Cybersecurity in the Age of the Cloud

Networking Break

Presentation

Cyber Maintenance: Placing Security Controls in Work Management

Michael Toecker | Chief Technical Officer | inspekt.us

Presentation

Cyber Resiliency for ICS Environments

Building an Innovative and Effective OT SOC with Real-time OT Security Monitoring Capability

Greg Villano | IACS Cybersecurity Supervisor | Diamond Offshore Drilling

Lunch





Wednesday Awards Luncheon

** Lunch open to all registered attendees **

Join us for our 5th annual presentation of EnergySec Awards. This year we will present awards in two categories:

Cyber Security Leader of the Year

Cyber Security Professional of the Year



Wednesday Afternoon at a Glance



**** Sessions open to all registered attendees ****

Presentation

Demystifying ICS Cyber Risk

Michael Radigan | OT Strategy | Leidos Cyber, Inc.

Presentation

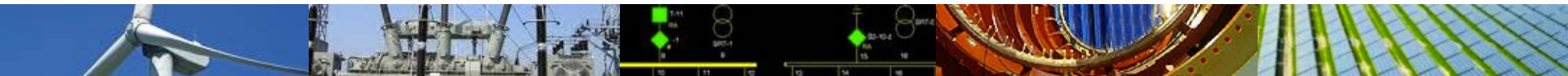
Jumping Airgaps

Monta Elkins | Hacker-in-Chief | Foxguard Solutions

Panel

Blockchain Cybersecurity Implications for the Energy Sector

See You Next Year!





Registration

Early Bird Pricing

Use code EARLYBIRD for \$150 off a full conference pass (Ends June 30th).

Early Bird Group Rate

4 full conference passes for \$1995. Passes must be purchased together by June 30th

Discounts for EnergySec Organizational Members

Employees of EnergySec member organizations receive \$300 off full conference passes. Contact us for a discount code.

Hotel Room Block

We've secured an incredible rate of \$219 a night at the Disneyland Resort Hotel. Room block closes on August 3rd

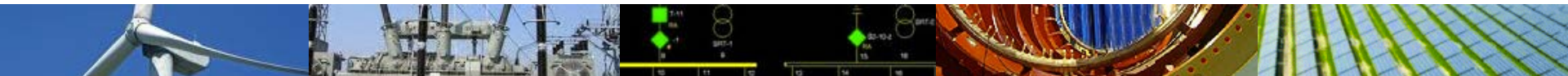
Visit energysec.org/security-compliance-summit/ for details

View or FAQ tab for any common questions.

Contact us at summit@energysec.org with any questions.



Questions



Thank You



info@energysec.org
summit@energysec.org

