

WEDNESDAY, FEBRUARY 10 – CONTINUED

12:00 – 1:00 PM **Networking Lunch in Product Showcase**

1 PM The Role of Railroad Police Departments in Law Enforcement

Christopher Trucillo – NJ Transit Police Department

Chip Greiner – Morristown & Erie Railway

Paul Riggio – Metra Police

In this session, New Jersey Transit Police Chief Christopher Trucillo and Morristown & Erie Railway and Maine Eastern Railroad Police Chief Chip Greiner will describe their respective police department roles in law enforcement today. The session will offer attendees the perspective of policing on the freight and passenger/transit side of railroad security.

2:00 – 2:30 PM **Networking Break**

2:30 PM Securing the Port of Long Beach

Randy Parsons – Port of Long Beach

The Port of Long Beach moves trade valued at more than \$180 billion annually, and accepts more than 15,000 truck visits daily, and moves approximately 25% of its containerized cargo via on-dock rail with a long-term target of 50 percent. This session discusses rail's role at the port and highlights cargo-securing strategies and technologies.

3:30 PM The Impact of Human-Trafficking on Railroads

Scott Santoro – Department of Homeland Security

James Lewis – Amtrak Police Department

This session includes a review of the U.S. Department of Homeland Security's Blue Campaign, which has been used by Amtrak to train its 20,000 employees on the signs of human trafficking and what to do if they see a potential victim. You also will learn more about the extent of human trafficking in the United States, how railroads are impacted, and the differences between human trafficking and human smuggling.

Should You Attend Secure Rail?

If you are responsible for railroad security, emergency preparedness, hazmat transportation, positive train control, IT, signaling and communication, border control, bridges and tunnels management, and capital infrastructure programs, you should attend Secure Rail 2016.



Your \$899 registration includes:

- » **Two days of exceptional educational content** presented by rail-industry thought leaders
- » **Online access** to the Secure Rail presentations, which will keep your note-taking to a minimum
- » **Multiple networking opportunities**, including lunch each day and a cocktail reception
- » **Access to the Product Showcase** with industry-leading suppliers

Register at SECURERAILCONFERENCE.COM



2100 W. Florist Ave.
Milwaukee, WI 53209

FEBRUARY 9-10, 2016 ORLANDO, FLORIDA

Protect and manage the security of your rail
technology, assets and people

February 9-10, 2016
Sheraton Lake Buena Vista Resort, Orlando, FL



Register now for \$899 at SecureRailConference.com

Produced by:

Progressive
RAILROADING

Platinum Sponsor:

duostech

Silver Sponsors:

HARSCO
RAIL

SPONSORS AS OF JANUARY 25, 2016

Gold Sponsor:



wurldtech
A GE Company

SECURE RAIL®



Secure Rail is the first conference to address North American rail security from an organizational perspective on both physical and cyber security. Conference sessions will feature strategies and insights from industry experts on how to manage employees, passengers, technology and assets, and protect them from man-made and natural threats and dangers. Educational sessions are divided between three tracks: Technology, Assets and People.

CONFERENCE AGENDA

This is the agenda as of January 25, 2016. Presenters and topics are subject to change. The most up-to-date information is available at SecureRailConference.com.

TUESDAY, FEBRUARY 9

8 AM APTA's Standards Program for Rail Transit Cybersecurity

David Teumim - Teumim Technical, LLC
American Public Transportation Associations Control and Communications Security Working Group writes and publishes voluntary standards for improving the cybersecurity of operational systems for light rail, heavy rail and commuter rail in the US and Canada. This presentation reviews the APTA cybersecurity standards already published, and goes into present efforts within the CCSWG.

9 AM Hazardous Materials: Transparency at What Cost?

Skip Elliott - CSX Transportation
This presentation will focus on analyzing the various reasons offered by those wanting to protect the routes, types and amounts of hazardous materials shipped by the railroads, as well by those calling for the full public disclosure of this same information.

9 AM Railroad Security During Special Events

Ron Hopkins - Southeastern Pennsylvania Transportation Authority
Captain Chuck Lawson - SEPTA Transit Police Department

This session describes in detail how SEPTA prepared for Pope Francis' recent visit to the United States, which had a major impact on the railroads and transit agencies that serve the Northeast Corridor. The session will also address "lessons learned" as SETPA prepares for Philadelphia's next major event: the Democratic National Convention in July 2016.

10:00 – 10:30 AM Networking Break in Product Showcase

10:30 AM Emerging Technologies and Trends in Rail Security

Scott Carns - Duos Technologies, Inc.
This session explores new technologies and emerging trends related to freight and transit railroad security. The discussion includes commoditization and evolution of traditional physical security products and systems, LIDAR applications for rail crossing incursion and passenger safety on platforms, digital video for operational applications, and more.



Brought to you by:

Progressive Railroading Magazine

10:30 AM TSA and FRA, Authorities and Responsibilities for Railroad Security

Scott Gorton - Transportation Security Administration

This session will cover the roles, responsibilities, and capabilities of TSA and the FRA for railroad security. The presenter will specify how the Departments of Transportation and Homeland Security work together on a strategic and tactical basis to further transportation security.

11:30 AM – 1:00 PM Networking Lunch in Product Showcase

1PM Surveillance & CCTV Best Practices: The TSA Standard

Dave Gorshkov - APTA Technical Standards Working Group

This presentation details the critical aspects of basic surveillance requirements from TSA as outlined in the latest CCTV standards for transport operators, and offer insights into understanding on large scale systems integration, which is an increasing part of many major transport operations.

1PM Approaches to Managing Infrastructure Cyber Security Strategies

Frank Marcus - Wurldtech Security Technology
Peter Thomas - GE Transportation

With innovation in the transportation industry heavily reliant on connectivity between devices and systems, machines and data, and people and processes, traditional infrastructure security strategies must be augmented to address their security. This session discusses what's needed, key challenges and available solutions.

2PM Operational Security for Transportation: Connectivity to Rails

Frank Marcus - Wurldtech Security Technology

The rail industry has a complex and novel threat model and Frank Marcus will provide an industry overview of the unique process. With a rise in connectivity between devices, it is necessary to understand what you can learn from other industries to protect your whole system. Hear stories from the field to find out what solutions are available and what you can do to maintain safety and automation efficiency. With automation systems, like PTC, it is essential to understand your environment in order to protect it.

2PM How SSTDR Monitoring Detects and Locates Faults within Live Rail Infrastructure & Systems

Paul Mumford - Livewire Innovation, Inc.

Rail infrastructure agencies and operators face numerous challenges in maintaining a state of good repair throughout

their networks; maximizing service availability is key. Protecting traction and signaling networks from faults and theft events is central to delivering a safe, secure and reliable transportation system. Learn about SSTDR, a technology that can detect and locate faults within live rail infrastructure and systems.

2:30 – 3:00 PM Networking Break in Product Showcase

3 PM Railroad Metal Theft Prevention

Chip Greiner - Morristown & Erie Railway

In this session, ASLRRA Police and Security Chair Chip Greiner will review solutions employed by several railroads that can mitigate the theft of metal equipment, parts and supplies from trains, rail yards, shops and other railroad sites, help identify and catch the criminals, and prevent future metal theft from occurring.

3 PM Tactical Hazardous Materials Operations for Surface Transportation

Glen Rudner - Transportation Technology Center, Inc.

Law enforcement officers today need to be able to operate in all conditions. Special skill sets are required when tactically operating during a surface transportation incident due to the circumstances that may be encountered. This session will explore the risk-based response options available to the tactical officer and how to appropriately react and take action.

4 PM Drones: Present and Future Applications for Rail Security

Rich Gent - Hot Rail, LLC

Les Forsythe - Volant Unmanned Aerial Solutions

Unmanned aerial vehicles, or drones, may one day become a key component in the rail security mix. This session discusses the potential security-related applications of drones in the rail industry. It features a panel discussion with UAV experts and observers highlighting the pros and cons of drones, along with the legal and pragmatic challenges they present.

4 PM Defining and Preventing Cyber Spear Phishing Attacks

Lester Hightower - Florida East Coast Railway

This session will detail a cyber whaling attack directed at senior management of the Florida East Coast Railway. The unsuccessful attempt provides an interesting and informative case study on these types of cyber crimes. First, a general overview of phishing, spear phishing, and whaling attacks will be given, followed by details of the attack on FECR. The audience will walk away with a better understanding of these types of cyber attacks, some lessons learned by FECR, and ideas for ways to mitigate these types of attacks.

5:00 – 6:00 PM Networking Reception



WEDNESDAY, FEBRUARY 10

8 AM Railroad Operations and the National Strategy for Transportation Security

Scott Gorton - Transportation Security Administration

This session addresses the Transportation Security Administration's update of the National Strategy for Transportation Security for 2016. The strategy will outline a set of risk-based priorities for surface transportation, including rail, that in large part are derived from the priorities established by the NSTS' Freight Rail Working Group and the Transportation Systems Sector Specific Plan.

8 AM Vulnerability of Railcars to Damage Caused by the Use of Explosives

Ruben Peña - Transportation Technology Center, Inc.

Przemyslaw Rakoczy - Transportation Technology Center, Inc.

The session details a research project TSA's Office of Security Technologies conducted with Transportation Technology Center, Inc. and Arup North America Ltd. The ongoing project's goals are to develop tools to evaluate the performance existing railcar structures, develop potential mitigation measures for current railcars, and investigate future advanced designs under blast conditions.

9 AM IoT Security - Hacking the Internet of BIG Things

Nick Chodorow - The Belt Railway Company of Chicago

Ron Schlecht - BTB Security

In this session we will discuss and share real life cybersecurity war stories around the "Internet of Things".

During the presentation we will highlight different approaches other industries are taking to address cybersecurity, the issues they've run into, and how this pertains to all railroads. The session will conclude with an overview of what a terminal railroad, The Belt Railway Company of Chicago, is doing to address its cybersecurity concerns.

9 AM Transit Policing and Security of LA's Railroads

Ronene Anda - Los Angeles County Sheriff's Department

Alex Wiggins - Los Angeles County Metropolitan Transportation Authority

The Los Angeles County Metropolitan Transportation Authority and the Los Angeles County Sheriff's Department enjoy a unique partnership. This session features representatives from both sides of the partnership sharing their approach to working together to secure LA's passenger railroads.

10:00 – 10:30 AM Networking Break in Product Showcase

10:30 AM Next Generation Smart Lock Solutions with Real-Time Video Transmission & Analytics

Yaacov Apelbaum - XRVision

Despite the proliferation of mobile devices, video analytics, and video streaming, adaptation of these technologies to secure assets has not met industry expectations. The few available solutions currently available utilize legacy technology and fall short in terms of cost, reliability and effectiveness. XRVision is introducing a disruptive smart lock technology which integrates sensors, secured wireless transmission, and advanced analytics to address today's most demanding customer operational needs.