



**2018 Spring Educational Event
6-8 February 2018
Golden Nugget Hotel
Las Vegas, NV, USA**

Tentative Agenda

Tuesday, 6, February 2018

8:30 am - Registration opens (Shoal Creek Foyer Foyer)

9:00 am – 10:30 am – Pre-Conference Workshop – Anatomy of a VoIP Theft of Service Attack - This workshop will cover the different types of service attacks that can occur on a VoIP platform, what is occurring, how to identify them, and how to secure against them. This will be an interactive session open to questions and examples for guidance and assistance on issues you are experiencing or have identified as security risks in your network and guidance on some best practices to protect your platform.

Ryan Delgrosso (Shoal Creek)

10:30 am – 1:30 pm Break/Lunch on your own

12:30 am Welcome & Opening Remarks (Shoal Creek)

1:00 pm – 1:45 pm Advanced Signaling Security Threats and Prevention Techniques – Telecom Cybersecurity Attacks have garnered significant media attention. This session will dive into the types of signaling threats, the impacts they pose to operator and subscriber, and an evaluation of prevention methods and best practices. Also, live case study will be presented showing threat and attacks to the network and subscriber.

Gary Miller, Mobileum

1: 45 pm – 2:00 pm Break

2:00 pm – 2:45 pm Case Study – Voicemail Call Forwarding Vulnerabilities – This presentation will be a case study that outlines, based on our experience, how to best avoid hackers from gaining entry to, and follow up methods to avoid hacking in the future. The presenter will show the different features hackers can use in the portal to set up their call forwarding to send calls overseas. This presentation will focus on clear examples of how to clamp down on soft spots in a Voice Platform and how lessons were learned for fraud protection.

David Horowitz, Access Point

2:45 pm – 3:00 pm Break

3:00 pm -3:15 pm - Rapid Fire – Evolved Intelligence

3:15 pm - 4:00 pm How to Detect Spoofing & Authenticate Calls at the Enterprise – This presentation will review the issues experienced by enterprise and government due to calling number spoofing and generally lack of authentication. This includes robocalls, impersonation scams, Telephony Denial of Service (TDoS), and financial fraud. SecureLogix is working with various government groups on solutions for enterprise, government, and specifically Next Generation 911 (NG911), to address this issue, using a variety of techniques, to include industry standards, work with major service providers, and proprietary techniques.

Mark Collier, Securelogix

4:00 pm Adjourn for the day

5:00 pm First Time Attendees Reception (Gold Diggers)

If this is your first time attending a CFCA Educational Event, we invite you to join us at our welcome cocktail reception to meet your Ambassador for the event and to get additional information about CFCA. Join us for an informal meet and greet with the CFCA Board members, Ambassadors, and other first time attendees.

5:30 pm Ice Breaker Reception (Gold Diggers)

This is a great time to meet your fellow attendees and relax! Join us for refreshments and great conversation!

Wednesday, 7, February 2018

8:00 am Breakfast (St. Andrews)

8:45 am Reconvene & Announcements (Shoal Creek)

9:00 am - 9:45 am VoLTE Vulnerabilities and Organizational Response - In this technical and collaborative session, we will do a deep technical dive into the specific security threats posed by the recently publicized VoLTE vulnerability that threatens PII, IMEI, and Spoof Capabilities. In a Vendor-facing conversation, we will discuss how Next Caller became aware of the vulnerability, and the successes and challenges we experienced in communicating this knowledge to clients. Finally, we will facilitate a "best practices" conversation among vendors and carriers so that all attendees will leave with a working framework for proactively communicating discovered security vulnerabilities to clients and partners.

Tim Prugar, NextCaller

9:45 am - 10:00 am Break

10:00 am – 10:45 am – HIPPA & Security in Hosted Cloud Communications - In an industry where Security and Compliance are king we will break down the details of how that works with a Hosted Communications service and what you need to know to meet regulatory requirements.

Ryan Delgrosso

10:45 am - 11:00 am Break

11:00 am – 11:15 am - Rapid Fire – Payfone – Michelle Wheeler

11:15 am – 12:00 am - Handset Fraud: The Next Dimension for Risk Mitigation and Opex Optimization
- Telecom Operators have always been challenged to control costs and reduce risks related to devices that exist in high volumes at the edges of the network. While mobile handsets are certainly top-of-mind, devices can also include customer premises equipment small cells, connected smart devices and even virtual assets. Mobile operators have already reached the tipping point where handset revenue exceeds service revenue. The only reason why the average handset revenue isn't higher than the reported 14% of total revenue is subsidization. Handset cost on an average stand at 30% of operator OPEX. A comprehensive handset fraud program requires controlling for revenue, fraud and complex supply chain risks, leveraging a mix of BSS and OSS data sources. This presentation covers drivers and strategies for establishing a handset fraud program.

John Brooks, Subex

12:00 pm – 1:30 pm Lunch (St. Andrews)

1:30 pm – 1:45 pm - Rapid Fire – WeDo Technologies, Jim Bolzenius

1:45 pm - 2:15 pm - Session TBD

2:15 pm – 3:00 pm Break

3:00 pm – 3:30 pm 2017 Global Fraud Loss Survey Overview (Session 1) - Learn the results of CFCA's most recent industry survey about the current fraud trends around the world. This survey is the compilation of data from carrier members of CFCA, as well as other world-wide organizations who voluntarily share their perspectives to help get a firm grasp of the far-reaching effects of communications fraud.

Jacob Howell, CCSP, TEOCO and Jason Lane-Sellers, CCSP, Mobileum

3:30 pm – 4:00 pm Knowledge Network I

Open discussions on content from the event, future desired content/topics, general questions

6:00 pm Special Event – Grotto Restaurant at the Golden Nugget

Join us for a buffet supper & networking at one of Las Vegas's top Italian restaurants. The Grotto, run by the well-known Landy Restaurant Group is sure to provide CFCA attendees with a meal that they will enjoy!!

Thursday, 8, February 2018

8:00 am Breakfast (St. Andrews)

8:45 am Reconvene & Announcements (Shoal Creek)

9:00 am – 9:45 am Benefits of Blacklisting and Devaluing Devices Lost to Fraud. – Carriers are being targeted by Fraudsters to commit Identity Theft and First Party Fraud to obtain devices for resale both within and outside of the US. Through effective Best Practice development and new reason codes, carriers are now blacklisting devices to devalue those obtained through fraud and cause additional friction and challenges for the fraudsters. Recent developments in carrier contributions to the GSMA database, successful IMEI identification and the need for global participation will be discussed.

Steve Schwed, Verizon

9:45 am – 10:00 am Break

10:00 am – 10:45 am 2017 Global Fraud Loss Survey Overview (Session 2) - Jacob Howell, CCSP, TEOCO and Jason Lane-Sellers, CCSP, Mobileum

10:45 am – 11:30 am Knowledge Network II

Last chance to discuss or ask questions about topics from this event, or other areas of interest.

11:30- Closing Remarks & Adjournment

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