CONSULT 2017 – Symposium Tracks (Preliminary)

The Direction of Security Technology

Sunday (10/22)

Sponsored by: FST Biometrics

Technology Directions – Manufacturer Perspectives
Mini Road Map Meetings

12 x 15-minute sessions
Technology Directions – Consultant Perspectives

Cyber Security

Monday (10/23)

Sponsored by Tyco Security

The Cyber Threat
Consultants’ Cyber Liability
The U.L. Cyber Security Standard
Cyber Hardening Security Products
Adding Cyber to a Security Risk Assessment

Case Studies

Monday – Tuesday (10/23-24)

Sponsored by Commend USA

K-12 Education – Sandy Hook Elementary
Sports – Dealing with the Drone Threat
Preparing for an Active Shooter Scenario
Municipal Water System
Surprise! Urban Protestors

Specification Writing

Monday – Tuesday (10/23-24)

Sponsored by Allegion

Current State of BIM/Revit Technology
Issues in Bidding and Contractor Selection
Coordination and the GC Dilemma
Incorporating Cyber into Specifications

Door Design

Monday – Tuesday (10/23-24)

Sponsored by ASSA ABLOY

Door Hardware Design and Code Considerations
Electrified Door Hardware – Div 08/28 Update
Lock Communications and Intelligence
Future Direction of Entrance Technology

Electronic Design

Monday – Tuesday (10/23-24)

Sponsored by Salient Systems

Drones – Security Friends or Foes?
Integrating Disparate Systems
ONVIF – Relevant to Security Specifications?
Artificial Intelligence and Deep Learning

Note: Track sessions are not Manufacturer or product centric. Presenters will consist of security consultants, outside technical experts, and selected manufacturer representatives.

Attendees may attend any session in any track.
Descriptions:

The Direction of Security Technology

Technology Directions – Manufacturer Perspectives

A panel of manufacturers will provide supplier-side perspective on the critical drivers and direction of security technology over the next five years.

Mini Road Map Meetings (12 x 15-minute sessions)

Consultants will select twelve of the manufacturer-sponsors in attendance to discuss the product and technology road maps for each.

Technology Directions – Consultant Perspectives

A panel of consultants will wrap up this track with their own perspectives on security technology direction and will discuss what they hear and what they didn’t hear from the manufacturers. Further, they will express, from a consultant’s view point, critical gaps and needs in current and projected product offerings.

Cyber Security

The Cyber Threat

Cyber is not just an I.T. problem. A panel of cyber experts will discuss the cyber threat, specifically as it applies to the security industry. What are the key threat vectors and impacts on products and projects?

Consultants’ Cyber Liability

Do security consultants have liability if cyber concerns have not been adequately addressed in specifications? More than likely, they do. Hear from an insurance industry expert discussing the issue of cyber liability and the applicability of insurance for it.

The U.L. Cyber Security Standard

UL 2900-1 aims to provide a minimum set of cyber requirements for developers of network-connected products, along with security risk controls and documentation to consider in the overall context of risk assessment. UL representatives will discuss this standard and its relevance and will be quizzed by a panel of security industry consultants.

Cyber Hardening Security Products

It is well known that many security products fall short when it comes to cyber. What best practices should manufacturers follow? What should consultants look for in products?

Adding Cyber to a Security Risk Assessment

Risk assessment is a standard practice in security design and a key offering in security consultants’ services. For many, cyber has been the concern of another party. How can security consultants broaden the scope of risk assessment to include cyber?
Case Studies

K-12 Education – Sandy Hook Elementary

In December of 2012, the tragic slaying of 20 children and 6 teachers at the Sandy Hook Elementary School by a lone gunman plunged our nation into grief and ignited a fierce debate over school security measures. In early 2015, Sandy Hook Elementary School was demolished, and town officials elected to construct a new, modern school on the existing grounds. A design team was assembled to provide a safe nurturing environment for generations of children to learn and flourish in a new 86,000 SF school facility.

Sports – Dealing with the Drone Threat at Sports Stadiums (hypothetical)

To address emerging Unmanned Aerial System (Drone) technologies and the new threats they present, the speakers will define how counter-drone technologies could be implemented for professional sports stadiums and training facilities within their challenging environments. Attendees will learn basic drone terminology, legal limitations, current technologies, and the promise of future technologies to allow them to hold a competent discussion with their clients.

Bringing Calm to Chaos –Solutions that Increase Survivability

There is much to be learned from the response to the tragic events that surround us every day. On December 2, 2015 in San Bernardino, we witnessed a major tragedy. What systems were in place to support the victims inside the building? Were technologies leveraged to provide the responders greater situational awareness when searching the building for the terrorist? What can we take away to help enhance the design of building security solutions? Are we designing a solution to control entry? Reduce costs? Provide greater efficiency? Or are we looking for an outcome based solution or even a targeted risk mitigation?

Municipal Water System

Municipal water systems, as a collection of sub-systems, have multi-threaded risks. From water supply and storage to treatment and distribution of clean water to treatment and disposition of waste water, with both centralized and distributed physical plant, the challenges are enormous. Learn how one major system is addressing these.

Surprise! It's a Smart Mob!

Making business decisions based on popular issues or populist movements without suitable perception management can put your brand at risk. Executives at the Wells Fargo towers in downtown Minneapolis discovered firsthand how the combination of unpopular public perception and an ineffective security infrastructure can lead to a well-executed smart mob. What steps did Wells Fargo take to reevaluate their physical security plan and protect themselves from future incidents of unwanted infiltration?
Specification Writing

Current State of BIM/Revit Technology

Revit technology has taken hold in the construction industry in general, but where is the security industry at in terms of adoption and use? John Mamuscia, a skilled BIM resource, will lead a discussion on the current state of the technology, new offerings and directions, barriers to adoption, and the industry’s implementation.

Issues in Bidding and Contractor Selection

How can consultants enhance the chances for product success by levying certain requirements on integrators bidding on the project? Do certifications matter in this process? Can a scoring system be fair, valid, effective? Hear from a diverse panel of experts about the pros and cons of establishing and enforcing integrator criteria.

Coordination and the GC Dilemma

Often, the motivations of a General Contractor (GC) and a security consultant differ greatly when it comes to provisioning effective as-designed security as part of a larger project. Issues related to openings, cabling, power, placement and undocumented changes may all work to the detriment of a smooth security implementation. Here how some attempt to address this continuing problem, including owner/user involvement.

Incorporating Cyber into Specifications

MasterFormat 2016 included a cyber security requirement for the first time, and it appeared in Division 28 (see 28 05 11). The intention of this session is to establish initial sample specification language for consultants to reference when incorporating cyber language into a project specification. Contribute your input or simply learn more to be better prepared to deal with this new security dilemma.

Door Design

Door Hardware Design and Code Considerations

There are few subjects as complex in designing security as door locks and hardware, particularly in light of code requirements. Ed Chandler, Chairman of Security by Design, has decades of experience in this area and will share his thoughts in this tutorial session.

Electrified Door Hardware – Div 08/28 Update

The movement of electrified door hardware from Division 08 to Division 28 in MasterFormat 2016 stimulated controversy and long overdue discussion. In too many projects, the security integrator is more of an afterthought than a timely contributor. However, most integrators do not have in-house lock expertise. Will further changes be implemented in MasterFormat 2018? Be part of this discussion and hear what others are doing to ensure that the electrical and electronic requirements of the opening are being met.

Lock Communications and Intelligence

Today’s locks are becoming intelligence and communications platforms. Where will they go from here? What future capabilities will they bring? What are the implications for access control systems and how can compatibility be insured?

Future Direction of Entrance Technology

Hear representatives from ASSA ABLOY, Boon Edam, FST Biometrics, and Lenel provide their respective viewpoints on how the entrance of the future may change.
Drones - Friends or Foes to the Security Industry?

This presentation will reveal the key facts regarding Unmanned Aerial Systems (UAS), providing content that has been presented and well received at the ASIS Annual Seminar, ISC West, and IAPSC Conferences. Explore UAS capabilities and limitations, UAS legislation and enforcement, and UAS security applications. Also learn how your clients can use these emerging technologies to defend against UAS, in addition to using them as assets.

Integrating Disparate Systems

One supplier of a fully integrated system vs. separate suppliers of disparate systems woven together through API’s. Good arguments can be made on either side including who’s responsible, best of breed, system capability, and maintaining currency and interoperability. How do you get the best system and support for your client?

The ONVIF Standard – Does it belong in my specs?

ONVIF interoperability standards were designed to enable easier integration of products from different vendors for an integrated video or access control system. How much functionality does it really offer and does it provide value to my specs? Hear a panel of experts discuss ONVIF’s effectiveness, their experiences with its implementation and how relevant the standard is to your specifications.

Artificial Intelligence and Deep Learning

Artificial Intelligence (AI) and Deep Learning are in the midst of revolutionizing many areas in security technology – video analytics, big data, and cyber security to name a few. Hear representatives from NVIDIA, a primary supplier of the Graphics Processing Units which make this possible and affordable. They’ll explain the technology, its rationale, and security applications.