A weekly service for our membership where valuable information for the Engineering Technician and Technologist is gathered and distributed on a weekly basis.

**Siemens Building Technologies**

Fire And Life Safety System Migration Services

**The Shannon Era**

Farewell James Shannon

**Fire Data**

Workshop To Review How We Gather, Analyze, And Use Fire Loss Data

**Transportation Then And Now**

Transportation For A Competitive America

**Monitoring In The IP Age**

Panelists Discuss How Central Stations Need To Evolve To Prosper

**Indemnification**

How A $100,000 Contract Can Leave You On The Hook For $10 Million

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JOIN ASCET AT ADI EXPO IN RALEIGH, NC

The ADI expo program is the largest one day training and sales event. Free to all industry professionals, the ADI Expo provides educational seminars, vendor expo and lunch. Join us Thursday, July 24th from 8:30 - 6:30 at the Hilton North Raleigh on Wake Forest Road.

Not a member? Be sure to stop by our booth and get discounted first years’ membership for only $35!

Click Here to register.

2014 ANNUAL CONFERENCE AND EXPOSITION BROCHURE

The Conference Committee for our 50th anniversary Annual Conference and Exposition in Myrtle Beach, SC has finalized our list of seminar speakers. Expo attendees can choose from 24 education seminars for NICET CPD points covering sprinkler, fire alarm, CCTV/Security, Civil and other Industry related topics. We have also published a brochure for the expo with information for vendors, sponsors and attendees. We have included area attractions and travel information.

Click Here to download brochure (PDF).

STUDENT FINANCIAL AID

The society currently provides the Joseph M. Parish Memorial Grant, the Joseph C. Johnson Memorial Grant, and the Kurt H. and Donna M. Schuler Small Cash Grant Programs. Although these grants are available each year, any or all may not be awarded based on the committee’s receipt and evaluation of candidate applications. Only engineering technology students qualify, not those seeking an engineering degree.

Click Here to view more information.
FEATURED ORGANIZATION

SIEMENS BUILDING TECHNOLOGIES

The Siemens Building Technologies Division is the world’s market leader for safe and energy efficient buildings (“green buildings”) and infrastructures. As a service provider, system integrator and product manufacturer, Building Technologies has offerings for energy efficiency, building automation, heating, ventilation and air conditioning (HVAC), fire protection and security.

We are a global leader and preferred partner for all your life safety, security and emergency management needs. Providing intelligent, efficient solutions and services that not only detect, protect and respond, but have the capability to prevent and recover. Siemens standardized lifecycle solution and service applications include fire alarm monitoring, detection, evacuation and extinguishing; access control; video surveillance and intrusion detection. We have invested significant R&D dollars into our own leading-edge technologies with an exciting, new portfolio of life safety solutions that have the ability to integrate into a command and control platform combining fire, security and building automation systems.

Our customized, integrated enterprise solutions, such as Siemens Intelligent Response, are designed for critical infrastructure applications. Improving situational awareness, emergency communications and post-incident analysis, Siemens Intelligent Response uses a command and control, rules-based decision engine. It also streamlines mobilization and evacuation by enhancing information sharing across an interoperable platform.

Additionally, Siemens hosted and remote service management provides 24/7 monitoring from two UL-listed centers delivering complete turnkey fire safety and security solutions. We strive to protect our customers’ most valuable assets and ensure business continuity through the integration of advanced technologies, operational excellence and long-term relationships.

MXL To FireFinder XLS Migration Solution

A Federal government facility on the East Coast needed to add a fire alarm system to a new building on their multi-building network, creating the perfect opportunity to upgrade the campus’ existing fire alarm control panels to more advanced, state-of-the-art technology.

Click Here to learn how this customer in the federal government used the Siemens MXL to FireFinder XLS Total Migration Solution.
Sprinkler

The Shannon Era

As NFPA's "digital president," Jim Shannon recognized the potential of the Internet to build the organization and expand its influence around the world. As he departs, he sums up NFPA's remarkable accomplishments under his leadership with a simple promise: "This is just the start." Shannon's digital legacy includes Internet-based advocacy initiatives, such as NFPA's efforts aimed at fire-safe cigarettes and home fire sprinklers, as well as free access to all NFPA standards and a new, streamlined, web-based process for standards development.

Click Here to view article.

Inspection and Testing Workshop

Join Fire Tech Productions for our next HANDS-ON Inspection & Testing Workshop. This class is held in the Sinclair Community College Sprinkler Lab in Dayton, Ohio on September 17-19. Your 3 day class will include burn room demonstrations, Straight Gut, Wet System, Alarm Valve Wet System (fully trimmed), Dry System, Fire Pump and Disassemble, assemble and reset dry, wet and preaction systems.

Click Here for more information.

The Facts on NFPA 13D and Water Mist Systems

"Can I use a water mist system instead of automatic sprinklers?" That was a common question posed during the development of the 2013 edition of NFPA 13D, Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes. The NFPA 13D Residential Sprinkler Systems Technical Committee concluded that the answer lies somewhere other than this document. The NFPA 13D committee does not have the scope to write requirements for water mist systems; they provide design and installation criteria for automatic sprinklers in residential settings.

Click Here to view article.
In March, NFPA’s Fire Analysis and Research Division, in cooperation with the National Institute of Standards and Technology, held a workshop for the major U.S. fire organizations that are leaders in collecting or using fire experience data. The goal of the workshop was to review how we gather, analyze, and use fire loss data—the information that we all use to frame our programs, activities, and reasons for our existence—and to explore how we could work together to make those processes more effective.

Click Here for more information.

Fire alarm design considerations for Day Care occupancy on Wednesday, July 23, 2014 12:00 PM - 12:30 PM EDT.

Click Here to register.

Recently a representative from Honeywell Fire Systems met with members of the NAVFAC (Naval Facilities Engineering Command) and was provided the following information regarding their implementation of various codes and standards applicable to the facilities under their control.

Click Here for more information.
CIVIL

TRANSPORTATION THEN AND NOW

The following speech, published in the April 1950 edition of American Highways, was given by AASHTO President D.C. Greer before the Associated General Contractors of America’s 31st Annual Convention in San Francisco. In his remarks, Greer stresses the importance of not just maintaining transportation infrastructure, but also highlights the need to think about future growth. Greer asks state highway departments to continue to look for ways to stretch highway dollars in order to “keep pace with highway demand.”

Click Here to view article.

TEAM TESTS ABC SYSTEM WITH EARTHQUAKE RESISTANCE

Research team is completing a series of tests on the large shake tables at the University of Nevada that are focusing on a one-quarter scale version of a new bridge bent system that can be constructed with the aid of accelerated bridge construction (ABC) techniques and also offers better seismic performance. The final test will replicate the magnitude 6.9 earthquake that struck Kobe, Japan, in 1995. Led by John Stanton, Ph.D., P.E., a professor in the civil and environmental engineering department at the University of Washington.

Click Here to view article.

STRING OF FAILURES LED TO I-5 BRIDGE COLLAPSE IN 2013

The National Transportation Safety Board blames a “series of deficiencies” on the events that led to a truck with an oversized load striking a sway brace on the bridge last May and causing it to collapse into the Skagit River, according to a soon-to-be-released report by NTSB. Negligence by the truck’s pilot vehicle, bad route planning by the carrier, an inadequate permitting processes in the state of Washington and the lack of low-clearance warning signs on the bridge all led to the truck striking the bridge and its subsequent collapse.

Click Here to view article.
CCTV / SECURITY

**MONITORING IN THE IP AGE**

Good advice on running a central station was in no short supply at ESX. The show’s entire lineup of monitoring track seminars covered virtually every aspect of what it takes to thrive as a central station in 2014 and beyond. One of those panels, titled “IP, the Central Station and All that Jazz,” deftly explored what security companies need to know now about cloud-based signal processing and the network technologies that continue to reshape the industry.

[Click Here to view article.](#)

**JUDGE RULES SECURITY CAMERAS IN BATHROOM ARE LEGAL**

The owner of Mechanicsville's Calabash Seafood Restaurant and Midway Lounge is off the hook, after being charged for installing surveillance cameras in the men's bathroom. A judge found the owner, Dennis Smith, not guilty of unlawful videotaping. Smith has long maintained that he installed the cameras to stop repeated vandalism in the restroom. Smith also says that the cameras, positioned right above the stall, were aimed at the door, not at anyone using the toilet or urinal.

[Click Here to view article.](#)

**CREATING A SAFE CAMPUS ENVIRONMENT USING INTEGRATED SURVEILLANCE TECHNOLOGY**

Sprawling, campus-like properties pose unique security challenges. This webinar will address why a layered approach is best when addressing the needs of campus security, as it relates to a wide range of verticals, including corporate, municipal, healthcare, hospitality and education. Technologies that will be discussed: Video Surveillance (HD/Megapixel/Thermal), Access Control, Visitor Management, License Plate Recognition, Video Analytics, Panic Buttons, Mobile.

[Click Here to view article.](#)
DEVELOPMENT

INDEMNIFICATION

ARTBA is hosting a new webinar on indemnification August 20 titled, “How a $100,000 Contract Can Leave you on the Hook for $10 Million.” The session will be led by two of the nation’s leading construction law attorneys, Garry Boehlert and Saad Gul of Saul Ewing, LLP. They will outline the industry’s use of indemnification to allocate risk and discuss key issues including: statutory and common law barriers to enforcement, defining the scope of the indemnity, limiting liability and undertaking liability for the other parties negligence.

Click Here to view article.

LESSONS FROM THE LANCE ARMSTRONG CHEATING SCANDAL

Clayton S. Rose's recent case study looks at the behavior of teammates who were swept up in Lance Armstrong's cheating scandal. When do followers need to break away from their leader? Cyclist Lance Armstrong overcame incredible personal adversity to reach the highest levels of success. Then, just as spectacularly, he fell from grace in a public scandal that destroyed not only his reputation, but also the reputations of many others who had devoted themselves to him—in the end, tarnishing the entire sport of professional cycling.

Click Here to view article.

WHAT LEADERS CAN LEARN FROM THE RULES OF COMBAT

Hugh L. McColl, Jr. is the retired chairman and CEO of Bank of America. An ex-marine officer in the late fifties, his business leadership style was and continues to be swashbuckling, colorful, and intense. Wall Street analysts characterized him as a no-holds barred tactical genius that lead the bank as its thirty-nine year old president with 172 offices and 28,000 employees (called NCNB) to one called Bank of America with over 5,000 offices and almost 200,000 employees when he retired in 2001. In the ‘70’s I had the privilege of being one of his “lieutenants” as he referred to his senior bank officers.

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