



# SIA STANDARDS & TECHNOLOGY PROGRAMS

Our ANSI-accredited industry standards promote interoperability and information sharing in the security industry. SIA's members collaborate and volunteer expertise, feedback and commentary on standards and other technology development activities.

**Pricing and Customization:** All current pricing is listed on the SIA website, and members save on access to some SIA standards and technology offerings.

To learn more, contact SIA's director of standards and technology, Cameron Walker-Miller, at [cmiller@securityindustry.org](mailto:cmiller@securityindustry.org).

**Learn more: [securityindustry.org/standards](https://securityindustry.org/standards)**

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Security Industry Association  
[securityindustry.org](https://securityindustry.org)





# INDUSTRY STANDARDS

## OPEN SUPERVISED DEVICE PROTOCOL (OSDP)

STANDARD PROTOCOL ACCESS CONTROL



OSDP is an access control communications standard developed by SIA to improve interoperability among access control and security products. OSDP was approved as an international standard by the International Electrotechnical Commission in May 2020. SIA OSDP is in constant refinement to retain its industry-leading position.

SIA OSDP is particularly valuable for government applications because it meets federal access control requirements like PKI for FICAM. Compared to common low-security legacy protocols (like Weigand), the OSDP standard offers higher security, advanced functionality, ease of use and more interoperability.

SIA OSDPv2.2.1 is available for purchase from the SIA store.



## AG-01 ARCHITECTURAL GRAPHICS FOR SECURITY STANDARD

STANDARD

AG-01 is a collection of architectural graphics for security intended for use by architects, building contractors, system integrators, electrical contractors and security managers who use CAD to produce construction drawings, shop drawings and installation/as-built drawings and physical security system layouts.

Ready to start using AG-01? You can purchase the standard from SIA's website.

Find even more SIA industry standards here: [securityindustry.org/standards](https://securityindustry.org/standards)



# TESTING AND RECOGNITION PROGRAMS

## SIA OSDP VERIFIED

STANDARD RECOGNITION



SIA OSDP Verified is a comprehensive testing program that validates that a device conforms to the SIA OSDP standard and the related performance profiles. Products that are OSDP Verified are displayed in the OSDP Verified Product List and can use the SIA OSDP Verified mark in marketing materials.

The SIA OSDP Verified mark instills confidence in integrators, specifiers and practitioners that OSDP devices will work as intended for various types of access control use cases. Our third-party testing lab verification ensures OSDP Verified products meet the stringent OSDP standards.

Ready to get verified? Learn more about the verification process, get pricing information and start your application on the SIA website.



"The value of SIA's Open Supervised Device Protocol goes beyond a replacement for Weigand, which we all know needs to happen. OSDP brings the promise of expandability and interoperability amongst all manufacturers, as well as independent verification of conformance. OSDP addresses vulnerability due to a lack of supervision and security, and being a SIA standard allows for the further evolution of its security. The development of OSDP within the SIA standards program has been key to its success. The standards process enables a rich ecosystem for collaboration and consensus among stakeholders, which wouldn't happen without the standards body."

– Tony Diodato,  
Founder and President,  
Cypress Integration Solutions



## SIA NEW PRODUCTS AND SOLUTIONS AWARDS

AWARD RECOGNITION



Established in 1979, the SIA New Products and Solutions (NPS) Awards recognize innovative physical security products, services and solutions. Technologies showcased through this program are used in the protection of life and property in residential, commercial and institutional settings.

The SIA NPS Awards program, presented annually at ISC West, recognizes winners in several product and service categories and presents the prestigious Judges' Choice and Best New Product awards. The showcase also offers a special physical display area where buyers can discover the latest in security products.

SIA NPS Awards entries are reviewed by 30+ independent judges and displayed at ISC West for over 27,000 potential buyers to see in a special area in the heart of the trade show floor.

Entry fees are significantly discounted for SIA members.



"Ai-RGUS received the category award for best solution for managed services. This award has been a helpful independent validation of the usefulness and appropriateness of our solution to this category. The dedicated display and associated marketing efforts by SIA have gained us a lot of attention that only a leading industry body can garner!"

– Daniël Reichman,  
Ph.D., CEO and  
Chief Scientist, Ai-RGUS



## COURSES

### OSDP BOOT CAMP

LIVE VIRTUAL INSTRUCTOR-LED IN PERSON

Length: 8 Hours

SIA's OSDP Boot Camp is a daylong in-depth training on how to design, configure and deploy modern, interoperable, OSDP-compliant access control systems. Attendees will learn how to more effectively do business with firms that demand current security technologies, receive the information needed to train teams on OSDP, gain the skills to transition from legacy access control to today's modern technologies and more.



## PUBLICATIONS

### SECURITY CONVERGENCE 2024

PUBLICATION BEST PRACTICES

This in-depth SIA report, produced with support from Ai-RGUS, Alert Enterprise, Avangrid and Safetrust, was designed to distill where convergence is at a moment of change, provide some history on the concept and offer some future perspective.

### GOOD-BETTER-BEST:

COMPREHENSIVE BEST PRACTICES FOR IMPLEMENTING SECURITY SYSTEMS IN HEALTH CARE ENVIRONMENTS

PUBLICATION BEST PRACTICES

SIA's Good-Better-Best health care security guides for security practitioners, provides comprehensive best practices for implementing security systems in health care facilities and, specifically, the use case of a children's hospital.

### GOOD-BETTER-BEST:

COMPREHENSIVE BEST PRACTICES FOR IMPLEMENTING PUBLIC TRANSPORTATION SECURITY SYSTEMS (VOL. 1 AND 2)

PUBLICATION BEST PRACTICES

SIA's Good-Better-Best transportation security guides for security practitioners provide comprehensive best practices for implementing security systems in public transportation environments – specifically (in vol. 1) a multimodal urban transportation hub and (in vol. 2) the security operations centers and in-vehicle aspects of the market.



Vol. 1

Vol. 2



## GOOD-BETTER-BEST:

### A PRACTICAL GUIDE TO IMPLEMENTING A TIERED OFFERINGS STRATEGY FOR CUSTOMER CHOICE

PUBLICATION BEST PRACTICES

Using a Good-Better-Best method of presenting technology and system alternatives gives systems integrators the opportunity to document end users' basic compliance requirements, offer "better" alternatives with improved sensors and integrated systems to enhance operations and leverage advanced technology approaches to automate repetitive security tasks and more accurately identify faces, vehicle plates and more.

This guide shares best practices on Good-Better-Best pricing design and strategies, system designs and solutions and using a service value tool to help end users consider the wide range of products and services offered and identify options well matched to the integrator's capability.



## SAFE AND SOUND:

### A PRIMER ON AUDIO AND INTELLIGENT COMMUNICATIONS APPLICATIONS FOR SECURITY

PUBLICATION BEST PRACTICES

This primer on audio and intelligent communications for security applications shares an overview of the common technologies and applications for those technologies.

As a primer, it is particularly relevant for those with limited experience using audio and communications solutions in security and safety applications, and is written to be valuable for security practitioners, specifiers, consultants, security systems integrators and even business owners who are thinking about how they can use audio to protect their people and property.



## SIA PROPTECH REPORT

PUBLICATION BEST PRACTICES

The SIA PropTech Report evaluates proptech trends, market size and buying interests affiliated with security solutions in commercial real estate, including office environments and multifamily housing. The key outcomes of this research report are intended to provide a conducive platform for SIA and its members to create profitable and enduring businesses geared toward growth prospects.

The report provides commercial real estate security market research on topics such as which technologies are most commonly deployed, how commercial real estate leaders rate interoperability of security solutions, prioritize innovation and match investments to that priority and more.



## GET INVOLVED: VOLUNTEER YOUR EXPERTISE!

SIA's standards and technology committees, working groups and advisory boards contribute their expertise to SIA efforts in a variety of areas. SIA Standards & Technology operates the following committees and groups:

- Standards Committee
- Architectural Graphics Working Group
- Audio & Intelligent Communications Subcommittee
- Built Environment Advisory Board
- Cybersecurity Advisory Board
- Intrusion Subcommittee
- Perimeter Security Subcommittee
- Security Industry Standards Council
- SIA New Products and Solutions Awards Committee
- SIA OSDP Technical Subcommittee
- Video and Vision Subcommittee



Providing your knowledge and leadership on a SIA committee can help shape the future of the security industry! Contact SIA staff to learn more about volunteer opportunities.