



# SIA STANDARDS —CURRENT INITIATIVES OVERVIEW

Designation	Title	Document Type	Scope/Committee	Status
ANSI/SIA OSIPS-01-2008	OSIPS - Framework Data Model	ANSI/SIA Standard	<p>Defines a data model that prescribes:            1. Authentication &amp; Authorization Interface Data Model; 2. Capabilities Exchange Interface Data Model; 3. Component Connection Interface Data Model; 4. Event Reporting Interface Data Model; 5. Monitored Point Interface Data Model; 6. Schedules Exchange Interface Data Model; 7. Time Synchronization Interface Data Model; and 8. Controlled Point Interface Data Model.</p> <p>Pan Industry Data Model Subcommittee</p>	<p><b>Undergoing revision</b>            Approved as American National Standard August 2008</p>
ANSI/SIA OSIPS-ACR-01-200x	Access Control Role Data Model Interface Standard	ANSI/SIA Standard	<p>Defines access control as a role-based application unifying traditional (physical) and IT (logical) access control. This model will also support the structures defined in NIST SP 800-73.</p> <p>Pan Industry Data Model Subcommittee</p>	<p><b>Under committee development</b>            Public review targeted for 2Q 2010</p>
ANSI/SIA OSIPS-IDM-01-200x	OSIPS - Identity and Carrier Management Data Model Interface Standard	ANSI/SIA Standard	<p>Defines interfaces for systems that manage personal identity, carriers, containers and credentials. This model supports the structures defined in NIST SP 800-73.</p> <p>Pan Industry Data Model Subcommittee</p>	<p><b>Under committee development</b>            Public Review targeted for 3Q 2010</p>
	OSIPS Binding for Fixed Format and XML Document Messages over TCP and UDP	TBD	<p>Establishes an approach to implementation of bindings of components realizing OSIPS Data Model Interfaces to communications ports for encoding and transport protocols.</p> <p>Pan Industry Data Model Subcommittee</p>	<p><b>Under committee development</b></p>
ANSI/SIA OSIPS-ACGO-01-200x	OSIPS - Access Control for Gate Operations	ANSI/SIA Standard	<p>Defines an application role that integrates a variety of components based on scale and diversity of requirements. Specific instances of the application provide individual, vehicle and cargo verification, access control services, gate surveillance, intrusion detection and other services.</p> <p>Security Application Standards Subcommittee</p>	<p><b>Under committee development</b>            Public review targeted for 1Q 2010</p>
ANSI/SIA OSIPS-CUIS-01-200x	OSIPS - Common User Interface Standard	ANSI/SIA Standard	<p>Provides definitions of user interface components for the operation of systems that provide command, control, communications and related services for operating personnel. Any set of user interface components is application specific and varies from system to system. Initial standard deliverables will be focused on user interface components such as video, event reporting, communications and geospatial references. Additional work will define specific standards for functionality for various use cases developed as a part of the work.</p> <p>Security Application Standards Subcommittee</p>	<p><b>Under committee development</b>            Public review targeted for 4Q 2010</p>
ANSI/SIA OSIPS-DDOV-01-200x	OSIPS - Design, Deployment and Operation of Video Technology for Detection, Assessment and Forensic Analysis	ANSI/SIA Standard	<p>This standard will establish criteria for: 1. the selection of video technological capabilities based on application requirements; 2. the deployment of such technology including its integration; 3. the operation of the deployed system including the operator actions, maintenance actions and proper practices for users of the captured information to ensure that a predictable level of effective operation is always present; and 4. conformity assessment test procedures and test cases as needed to provide quality verification of claimed results.</p> <p>Security Application Standards Subcommittee</p>	<p><b>Under committee development</b>            Public review targeted for 4Q 2010</p>

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ANSI/SIA OSIPS-APC-01-200x	OSIPS - Access Point Controller Data Model Interface Standard	ANSI/SIA Standard	Introduces the APC edge device and application. This effort defines an edge application that, among other things, controls the portal. An example of this would be a card reader (field device). Component Subcommittee	Under committee development Public review targeted for 2Q 2010
ANSI/SIA OSIPS-DVI-01-2008	OSIPS - Digital Video Interface Data Model	ANSI/SIA Standard	Defines an interface for the control of live and recorded video as well as camera control. It provides for the reporting of events and status including position, direction, speed and other complex video analytic events. Component Subcommittee	Undergoing revision Approved as American National Standard February 2008. Public review for revision effort anticipated 4Q 2009
ANSI/SIA CP-01-2007	Control Panel Standard - Features for False Alarm Reduction	ANSI/SIA Standard	Details recommended design features for security system control panels and their associated arming and disarming devices to reduce the incidence of false alarms. The features are applicable to both residential and commercial properties protected by an electronic security system. Component Subcommittee	Revision effort under committee development. Expected as ANSI Standard 1Q 2010
ANSI/SIA PIR-01-2000	Passive Infrared Motion Detector Standard - Features for Enhancing False Alarm Immunity	ANSI/SIA Standard	Details recommended design features for passive infrared detectors to reduce the incidence of false alarms when the detectors are used in security systems. Passive infrared detectors include detectors that incorporate passive infrared elements with other technologies. Component Subcommittee	Revision effort under committee development
ANSI/SIA OSIPS PIR-02-200x	OSIPS - Passive Infrared Motion Detector - Internal PIR for High Security Applications	ANSI/SIA Standard	Details recommended testing procedures for passive infrared motion detectors and provides a consistent method of reporting test results. The included test procedures measure the ability of the device to detect a variety of motions under a diverse set of circumstances, to detect error conditions and to differentiate between real and false alarms. The standard also includes a summary of all the tests performed in a common test report format. Component Subcommittee	Under committee final review
SIA GB-01-1994.12	Acoustic Glassbreak Detector Standard - Features for Optimizing False Alarm Reduction and Detection	SIA Technical Report	Details recommended design features to reduce the incidence of false alarms with acoustic glassbreak sensors, or any sensor which uses acoustic glassbreak sensing in security systems. In addition, specific recommendations are made regarding content in sensor installation instructions and application instructions, also for the purpose of reducing false alarms. Recommendations on design features, installation instructions, and application instructions for maximizing glassbreak detection are also included. Component Subcommittee	Subcommittee is reviewing for possible revision activities
SIA GB-01-1994.12	Acoustic Glassbreak Sensor Technical Report - False Alarm Sounds Recommendations for Testing False Alarm Rejection and Detection	SIA Technical Report	Developed as an advisory to Underwriters Laboratories for enhancing UL 639 Intrusion Detection Units, adds false alarm tests for acoustic glassbreak detectors and room specifications for glassbreak detection tests. SIA recommends the tests in this report as a measure of an acoustic glassbreak detector's ability to reject false alarm sounds and maintain its detection capability. These tests are not exhaustive, but are thought to represent several classes of common false alarm sounds. They were selected by a ranking process of known false alarm sound sources. Component Subcommittee	Subcommittee is reviewing for possible revision activities

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