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# Standards Boot Camp

## ONVIF and PSIA Specs

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IP-TAC<sup>2</sup> @ ISC Solutions  
November 2, 2011  
New York, NY

### Overview

IP-TAC<sup>2</sup> is a one-day boot camp providing an overview of ONVIF and PSIA interoperability standards in the physical security industry.

### Objectives

Upon completion of this course, participants will be able to define the business case and migration strategies for the adoption and implementation of the ONVIF and PSIA integration standards. Specifically, they will be able to:

- Explain why standards are critical.
- Define which core technologies and platforms have been selected.
- Explain what conformance to the standards means.
- Evaluate the usage of all or some of these standards.
- Determine how and when standards adoption planning should begin.

### Modules

1. Designing and Building ONVIF and PSIA standards
2. Standards 2011 – Market Analysis Report
3. Business Case and Migration Strategies for Adopting Standards

### Who Should Attend

Security professionals involved in the design and implementation of surveillance, access control, analytics, PSIM and other network-based physical security technologies.

### Why Attend

IP-TAC<sup>2</sup> is the only educational course designed to rapidly prepare attendees for the implementation of the ONVIF and PSIA standards. Participants will earn a Certificate of Completion onsite at ISC Solutions.

### About IP-TAC<sup>2</sup>

The IP Technology Advancement Center and Certificate is part of the ISC Premier Education Series and is delivered in partnership with Connex International, Inc., which provides comprehensive education, training and consulting services to security and IT industry professionals around the world.

### Materials

Exclusive standards implementation materials including:

- Standards workbook and Study Guide
- Market Analysis Report
- Competency Gap Analysis

### Course Instructors

Combined, the course instructors have more than 30 years of security consulting and instruction experience.

- Course Lead – Keven Marier
- Market Lead – Mike Tarras
- Security Lead – Daniel Johnson

### About Standards Organizations

This newly recognized course will cover the industry's leading standards bodies:

The **Open Network Video Interface Form (ONVIF)** is an open industry forum for the development of a global standard for the interface of IP-based physical security products.

The **Physical Security Interoperability Alliance (PSIA)** is a global consortium of physical security manufacturers and systems integrators that promotes interoperability of IP-enabled security devices across all segments of the security industry.

The **Security Industry Association (SIA)** is an international trade association that represents electronic physical security manufacturers, distributors, system integrators and service providers.

# Course Agenda

## Welcome and Introductions

- Detailed standards workbook and study guide review
- Program introduction – “Why Standards are Critical”

## Module 1: Designing and Building Today’s Standards – ONVIF and PSIA

This module focuses on the design and building of ONVIF and PSIA which addresses the following key areas related to their evaluation and use:

- Focus and scope of proposed standards
- Leading standards organizations
- Normative references
- Standard vocabularies in use
- Core technologies and platforms
- Dependency and utilization of relevant public Requests for Comment
- Evaluation and usage of standards
- Conformance
- Comparison between standards

## Module 2: Standards 2011 - Market Analysis Report

This module reviews the findings of a market analysis report on the anticipated impact of ONVIF and PSIA standards on the security industry, and addresses:

- Measuring industry participation and forecasting adoption curves
- Timeline of industry standards
- Defining the industry and marketplace impact from standards
- Role of other standards bodies ie: ANSI, IEEE, OASIS and others
- Likely standards road maps for ONVIF and PSIA
- Next steps within the industry

## Module 3: Business Case and Migration Strategies for Adopting Standards

This module provides the tools needed to develop a business case and migration strategy for adopting security standards with access control, surveillance, analytics, PSIM and other network-based systems, and addresses:

- How to assess the business case and mapping systems within a building security model
- Best practices in developing a value proposition within a standards-based integration
- How to conduct a competency gap analysis of the integration complexity
- Examples of approaches in creating quantitative vs. qualitative recommendations
- Review of a Migration vs. Revolution decision support matrix
- Best practices of using an A&E spec document based upon ONVIF and PSIA
- Standards adoption next steps