



Standards Development Activity Newsletter

SISO Standards Activity Committee

September 2016

<i>AEgis</i>	<i>Aptima</i>	<i>CAE</i>	<i>DMSCO</i>	<i>ETSA</i>	<i>I/ITSEC</i>	<i>ITEA</i>	<i>ITEC</i>
<i>JHU / APL</i>	<i>MORS</i>	<i>NATO S&T MSG</i>		<i>NMSC</i>	<i>NTSA</i>	<i>Pitch</i>	<i>Presagis</i>
<i>SCS</i>	<i>SimPhonics</i>	<i>Simulation Australasia</i>		<i>SimVentions</i>	<i>Thales</i>	<i>Trideum</i>	<i>VT MÄK</i>

This newsletter is provided by the SISO Standards Activity Committee (SAC) to inform SISO Sponsors, Organizational Members, and Affiliated Organizations on standards development activities.

Message from SAC

This newsletter is an initiative to keep M&S community members informed about standardization activities, Standards in the news, and other related events.

SISO Product Development



New Products

- SISO-GUIDE-003-00-2016 Guide for UCATT Live Simulation Standards and Architecture
- SISO-STD-015-2016 Standard for Dynamic Debrief and Control Architecture
- SISO-STD-016-00-2016 Standard for UCATT Laser Engagement Interface
- SISO-REF-010-2016, Reference for Enumerations for Simulation Interoperability
- SISO-REF-010.1-2016, Reference for SAC SWG Enumerations for Simulation Operations Manual

Balloted Products (in process)

- SISO-GUIDE-004-DRAFT, Guide for Coalition Battle Management Language Phase 1
- SISO-GUIDE-009-DRAFT, Guide for Simulation Reference Markup Language – Primary Features
- SISO-STD-009-00-DRAFT, Standard for Simulation Reference Markup Language Specification
- SISO-STD-009-01-DRAFT, Standard for Simulation Reference Markup Language Engine Specification – Level 0
- SISO-STD-014-00-DRAFT, Standard for Gateway Description Language
- SISO-STD-014-01-DRAFT, Standard for Gateway Filtering Language



Final Reports

- SISO-REF-060-2016 Final Report for the Parallel and Distributed M&S SSG

Standards in the News

SAC works to maintain, improve, and broaden relationships with other standards bodies and standards-related organizations. These relationships enable SISO to integrate stakeholders' needs across the landscape of M&S standards. This in turn helps to inform stakeholder decisions in the development of enterprise standards solutions.

- SAC-PRODUCT-COORDINATION – SAC established a discussion for the coordination of standards with other standards development organizations.
- ISO/IEC JTC 1/SC 24– SAC submitted the SISO Annual Liaison Report, 23 Aug 2016.
- IEEE SA – SAC and EXCOM are coordinating policies and procedures for the Computer / Simulation Interoperability (C/SI) Standards Committee's Working Groups.
- OGC –SAC and EXCOM coordinated with OGC on the 3D Geospatial M&S Summit to be conducted on the Monday following 2016 SIW.

Related NATO MSG Task Groups

- MSG-145 Operationalize of Standardized C2-Simulation Interoperability
- MSG-140 UCATT Live Simulation Standards
- MSG-139 M&S Use Risk Identification and Management
- MSG-136 M&S as a Service (M&SaaS)
- MSG-134 NATO Distributed Simulation Architecture & Design, Compliance Testing and Certification
- MSG-118 CIGI v4 Compliancy Testing Tools
- MSG-ET 46 NMSG Support to SISO for HLA v3.0

Event News

2016 SIW

Simulation Innovation Workshop
Orlando, FL
11-16 Sep 2016

3D GIS M&S Summit

Orlando, FL
19 Sep 2016

NATO CAX Forum 2016

20-23 Sep 2016
Ottobrunn, GE

IEEE/ACM DS-RT 2016

20th IEEE/ACM Distributed Simulation and Real Time Applications Symposium
21-23 Sep 2016
London, UK

Australasian Simulation Congress 2016

26-29 Sep 2016
Melbourne, Victoria, Australia

World Standards Week 2016

24-28 October 2016
Washington, DC

I/ITSEC 2016

28 Nov - 2 Dec 2016
Orlando, FL

WSC' 16

11-14 Dec 2016
Washington, DC

2017 SIW

Orlando, FL
10-15 Sep 2017





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Up and Coming Products

SISO Standards Products (in progress)

- SISO-STD-002-DRAFT, Standard for Link 16 Simulations (a revision of SISO-STD-002-2006)
- SISO-STD-005-DRAFT, Standard for Link 11/11B Simulation

SISO Guidance Products (in progress)

- SISO-GUIDE-005-DRAFT, Trial Use Guide for A Standards Profile for the Use of Modeling and Simulation in Support of Acquisition Activities

SISO Reference Products (in progress)

- SISO-REF-066-DRAFT, Trial Use Reference for A Standards Profile for the Use of Modeling and Simulation in Support of Acquisition Activities

SISO Acronyms

- CIGI Common Image Generator Interface
- EXCOM Executive Committee
- GIS Geographic Information System
- NMSG NATO M&S Group
- OGC Open Geospatial Consortium
- PDG Product Development Group
- PSG Product Support Group
- SAC Standards Activity Committee
- SISO Simulation Interoperability Standards Organization
- SSG Standing Study Group
- UCATT Urban Combat Advanced Training Technology
- USGIF US Geospatial Intelligence Foundation

Special Event Spotlight

3D Geospatial Modeling and Simulation Summit

The 3D Geospatial M&S Summit on Monday, 19 September 2016, is sponsored by OGC, SISO, and USGIF. Experts will provide insight into their work to advance new levels of interoperability designed to ease integration of location data feeds, reduce cost and time to implement, and foster greater ability to mobilize new technologies and processes. The summit will explore the opportunities for further enabling standards-based interoperability to ease production, distribution and application of M&S across Service systems. Open standards are increasingly being integrated into the M&S technical baseline to improve integration of a range of geospatial mapping data, sensor feeds and other location data streams into M&S processing and rendering environments.

Two SISO Groups involved in related environmental data representation efforts include:

- Reuse and Interoperation of Environmental Data & Processes PDG
- Environmental Data Representation Standards PSG

SAC Activities

SAC oversees and manages the development and support of SISO Products. SAC is working to instill agility into SISO standardization processes, reduce administrative burdens on groups, and to get SISO Products into the M&S community faster. SISO groups are active developing and supporting products. SAC is streamlining efforts by producing procedures, templates, and checklists for the policies and procedures all SISO members follow. These efforts simplify development activities, management of those activities by SAC, and final approval of products by the EXCOM.

SISO Groups September 2016

