



ISO/IEC JTC 1/SC 24

Computer graphics, image processing and environmental data representation

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**Simulation Interoperability
Standards Organization**

"Simulation Interoperability & Reuse through Standards"

**SISO Presentation to
ISO/IEC JTC 1 / SC 24 & WG 8 Plenaries**

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Who is SISO?

- ◆ **An international standards organization**
 - ◆ **Fosters development and maintenance of Modeling & Simulation standards and promotes their use**
 - 12 families SISO standards
 - 3 families of IEEE standards
 - 1 family of ISO/IEC standards
- ◆ **An M&S outreach and education organization that conducts yearly workshops and seminars**



Standards of Interest Common to SISO and ISO/IEC JTC 1 / SC 24

- ◆ **Synthetic Environment Data Representation & Interchange Specification (SEDRIS)**
- ◆ **Common Image Generator Interface (CIGI)**
- ◆ **Reuse and Interoperation of Environmental Data and Processes (RIEDP)**
- ◆ **Enumerations for Simulation Interoperability**
- ◆ **Distributed Interactive Simulation (DIS)**
- ◆ **Acquisition M&S PDG – A Standards Profile for the M&S Activities in Support of Acquisition Activities**

SISO's Role as an ISO/IEC JTC1 SC24 Liaison

- ◆ **SISO Environmental Data Representation Standards (EDRS) Product Support Group (PSG) maintains liaison with the ISO/IEC JTC 1/SC 24 WG 8**
 - ◆ Supports the development, extension, refinement, and maintenance of standards for the environmental data community, which include the ISO/IEC SEDRIS family of standards
 - ◆ Provides support for the development and implementation of tools to support the use of SISO products
 - ◆ Provides a forum for community education on the application and use of standards for environmental data.

SISO's Plan as an ISO/IEC JTC 1 / SC 24 Liaison

- ◆ **Develop procedures for implementing SISO's roles and responsibilities as an SC24 Liaison**
- ◆ **Align to Section 3 of *Guidance for ISO liaison organizations; Engaging stakeholders and building consensus***
- ◆ **Post details of the approved ISO/IEC projects to SISO's Latest News**
- ◆ **Maintain a SISO web page for ISO/IEC projects comment and input by SISO members**