iSMART is the US and UK mandated (and widely NATO used) process for TDL interoperability assurance across multiple platforms, at both a national and international level. eSMART is a Leidos proprietary software tool designed to seamlessly implement the iSMART process. eSMART is the preferred tool employed across 9 MIDS Nations and NATO.

Capabilities

- The ability to undertake TDL interoperability analysis prior to joint or coalition exercises or operations to enable potential issues to be identified and workarounds to be initiated
- Uses international TDL standards to provide a universal baseline and help maintain interoperability between platforms
- Provides detailed understanding of levels of interoperability between TDL equipped platforms from a systems of systems perspective
- Create and manage complete sets of documentation from requirements, implementation to system specification
- Tracking and future proofing system specifications against new, emerging capabilities and standards
- Seamless navigation across the system and data can be drawn from all environments

Benefits

- Improvement in all levels of interoperability between TDL equipped platforms
- Time, effort and cost is reduced as the processes can be largely automated to determine a platforms Information Exchange Requirements
- Reduces through life cost as implementation can be managed and maintained across the platform lifecycle
- Reduces human effort by limiting the scope of duplicate data entry and aiding report generation
- Reduces the probability of misinterpretation of the standard thus reducing risk and cost during integration and deployment
- Assists in estimating projected budgets for future enhancements and changes in the TDL message standards by allowing an interim implementation to be developed
- Software updates to support new standards and platforms
- Includes comprehensive technical support and maintenance
- User group and customer feedback drives continuous development
If you are interested in our TDL capabilities, please get in touch:
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