eSMART

Systems Management and Requirement Transformation

Reduces overall costs of a programme

Identify maximum achievable interoperability

Information Exchange Requirements Management (IER)

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

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