

Trouble Free Data Exchange

Providing the Bridge Between Different Data Structures



- Straightforward drag-and-drop conversion between data standards.
- Key tool for ensuring multinational interoperability between different forces and units
- Cost-effective way of dealing with changes, updates and specification creep in communication standards
- Graphical interface makes the initial mapping process uncomplicated
- Enables the possibility to extend the service life of legacy systems and bespoke set-ups

IRIS Information Mapping is a specialist development tool which makes it easy for systems integrators to implement many different NATO and US data exchange standards within national command and control systems.

It paves the way to an efficient, well-integrated data environment that facilitates smooth, efficient data exchange between a wide range of different applications and technologies. These include Message Text Format (MTF) messages, databases, XML and other structured documents.

IRIS Information Mapping makes the time-consuming task of converting data formats into straightforward drag-and-drop procedures. It dramatically streamlines and speeds up the entire process, resulting in savings on manpower and helping eliminate communication mistakes.

Product Capabilities

- Decouples systems from changes and evolution in messaging and data management standards, helping future-proof existing systems and resources.
- Makes it possible to extend the service life of legacy systems and bespoke national set-ups, so they can still be used in current multinational operating environments.
- The only mapping development tool with special built-in support for working with MTF standards. IRIS Information Mapping uses IRIS Forms for this capability.
- Allows systems integrators to deal with a wide range of different message text formats (including ADatP-3, USMTF and OTHT-GOLD), information in XML form and the contents of databases (whether MIP-compliant or in proprietary formats).
- Numerous standardised mapping structures are available off-the-shelf from Systematic and its partners, ready to use.
- Information mappings are compiled in highly efficient Microsoft® .NET® or Java® code, for maximum performance and compatibility with widely used software development standards.
- Easy to integrate with the SitaWare suite of C2 software products, for maximum efficiency in data management.

Supported Operating Systems

Developer:

- Microsoft Windows® XP SP3, 32 bit (Home or Professional).
- Microsoft .Net 2.0

.NET Runtime:

- Microsoft Windows 2000 SP3 or 2003 Server, 32 bit
- Microsoft Internet Information Services 5.1 and 6.0
- Microsoft .Net 2.0

Java Runtime:

- Supported Application Servers: Oracle WebLogic® 10.3 or JBoss® 5.1.0GA
- Java v1.5

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Hardware Requirement

Hardware	
RAM	2 GB
HDD	50 MB disk space (space needed depends on messages and mission files stored)
CPU	IBM or Compatible Intel Pentium® processor (2 GHz or greater)
Display	SVGA (1024 + 768/16-bit colour or greater)

Supported Standards

- ADatP-3/STANAG 5500 Baseline 10, Baseline 11 C/F, Baseline 12 C/F, Baseline 12.2, Maritime Amendment Package Baseline 12.2, Baseline 13.1/APP-11(C) original, APP-11(C) change 1 and change 2
- USMTF/MILSTD 6040 Version 1993, 1997-2007, 2009 and 2011
- GOLD Rev C/1997, Rev D/2003 and 2007 (mission file)
- VMF Reissue 5 (2002) through an add-on package (export restrictions apply)
- Various national standards with rules similar to ADatP-3 or MILSTD 6040, e.g. ASMTF.