Rheinmetall Landsysteme GmbH
S1000 documentation support

Rheinmetall Landsysteme GmbH embodies the Land Systems Division of the Rheinmetall Defence Group. As a major supplier of systems for ground forces, the company develops and manufactures wheeled and tracked armoured vehicles as well as turret systems and weapon stations. To date, the company has supplied more than 14,000 vehicles and subsystems to customers in 36 countries. Rheinmetall Landsysteme GmbH currently has around 1,600 employees. The company generated sales of approx. 380 million euros in 2006.

(Source http://www.rheinmetall-detec.de)

Benefits

▲ Easily create S1000 projects
▲ Efficiently manage and control projects within decentralised teams
▲ Control data integrity
▲ Improve productivity
▲ Manage terminology
▲ Language control
▲ Eliminate duplicate effort
▲ Import suppliers' data
▲ Improve reuse of information
▲ Focus on content
▲ Reduce delivery times
▲ Reduce delivery costs
▲ Reduce time to market
▲ Support and manage multiple languages
▲ Create and export DMs
▲ Enhance paper output on multiple formats automatically
▲ Enhance automatic creation of navigable PDFs
▲ Enhance presentation of electronic media
▲ Support of multiple S1000 versions

Requirements

The ASD1000D standard requires a different approach to technical documentation: structure according to predefined DTDs, administration of data modules (DMs) and process support.

GRIPS S1000 support

Rheinmetall Landsysteme GmbH (Germany) benefits from the GRIPS S1000 authoring, managing and publication suite.

The GRIPS S1000D solution is used by Rheinmetall Landsysteme to assist in the creation of documentation on three different sites, and part of this information must be jointly accessible by all three. Furthermore, information from multiple suppliers must be integrated: This is achieved via an import function, which makes it possible to import data modules from different S1000D versions while also checking the data modules for integrity and conformity, based on the business rules.

GRIPS enables automatic export to different S1000D versions, the creation of paper documents in various paper formats and structured PDFs and supports IETD (Interactive Electronic Technical Documentation) and CD-ROM release as well as many others. GRIPS also offers powerful language management functionality and sophisticated translation management capabilities.

Rheinmetall Landsysteme knows the value of the clear and flexible project management functions and efficient administration tools. The authoring process is controlled by a workflow. Authors receive extensive support in the use of the DTDs with retrieval options, drafting suggestions and guidelines in the form of business rules.

GRIPS supports the whole S1000 authoring process from start to finish.

▲ **GRIPS Matrix:** Project management, workflow control. Create new projects, project admin and translation management.
▲ **GRIPS Editor:** Supports the author in reusing content; optimised authoring environment with GRIPS MindReader for dynamic language and terminology control.
▲ **GRIPS Review:** Convenient support during the review process
▲ **GRIPS Publication:** Creation of documents on paper, in the form of a navigable PDF or as an output for electronic media.
▲ **GRIPS Translation Process:** Optimised support of the translation process with terminology management.
▲ **GRIPS Interaction:** Import and export of data modules according to different S1000 versions.
▲ **i-Know:** A complete solution to support SCORM with audio, video and animations.
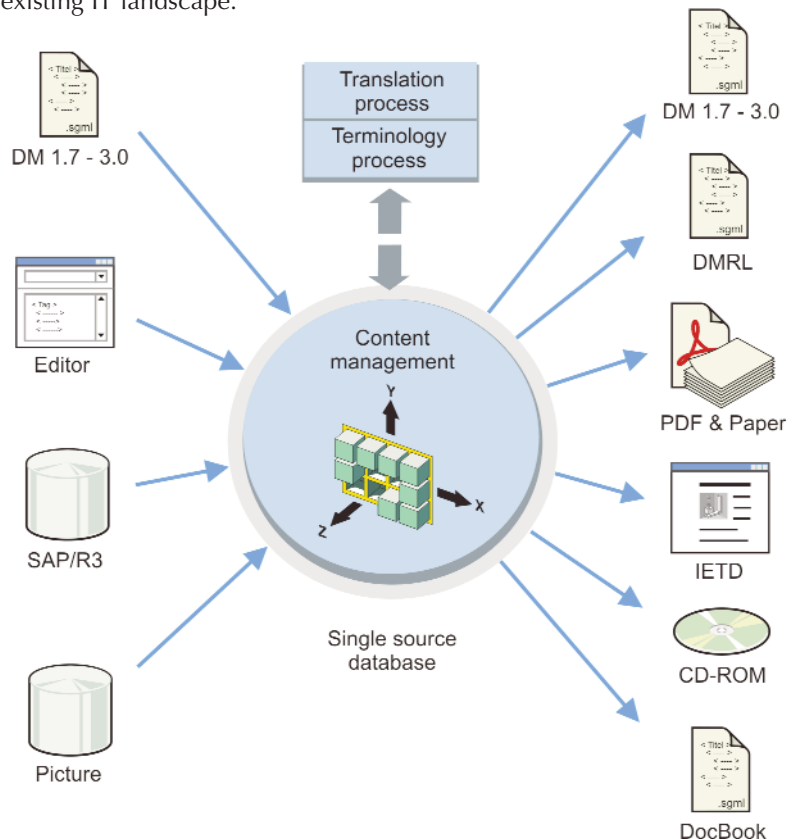
STAR Group

The STAR Group is one of the largest providers of technical information and translation in the world. Our global presence means that we are always close to the local market and customer – we always speak your language, wherever you are. The STAR Group is also a leading supplier of all the tools needed for the information process, from authoring to printing.
This combination of services and tools make us unique in the market.

Single source, Multiple Media Publication

The GRIPS S1000D solution supports the fully automatic creation of various publication types and media in practically any language. Thanks to the ingenious information model, it is possible to automatically generate different versions of the S1000D standard from a single source without the data source having to undergo authorial revision.

The GRIPS S1000D application is a COTS software suite, which allows both for rapid implementation and for optimum integration into your existing IT landscape.

Abbreviations:

ASD S1000D	Aerospace and Defence (international specification for technical publications utilising a common source data base).
COTS	Common Off The Shelf
DM	Data Module
DTD	Document Type Definition
GRIPS	Global Authoring and Information Planning System
IETD	Interactive Electronic Technical Documentation
PDF	Portable Document Format
SCORM	Sharable Content Object Reference Model

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