



## QuLS: The ASD/AIA S1000D Editing System

ESG has extensive experience in creating, maintaining and modifying technical documentation for public and civil customers. Our expert knowledge not only comes into play in our wide range of services to meet your documentation requirements, but also in developing user-optimised editing and display systems for Interactive Electronic Technical Publications (IETP). Our unique combination of innovative documentation services and software development know-how has resulted in the creation of QuLS (Qualified Integrated Logistics System). This tool set enables you to meet the requirements arising from the application of ASD/AIA S1000D (previously AECMA SPEC 1000D).

### Comprehensive, all-purpose tools

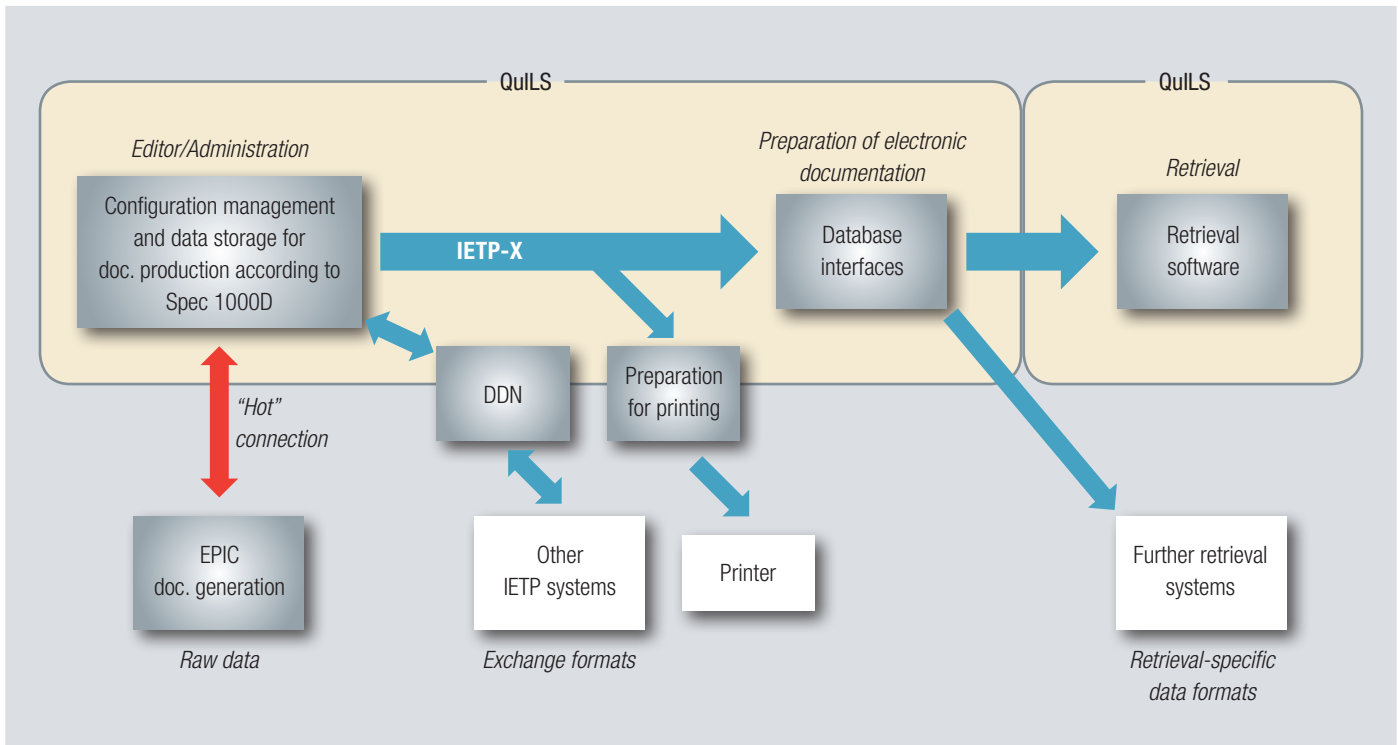
Our IETP solution, QuLS, consists of the following flexible, high-performance components:

- ▶ Editing component with integrated WSDB (weapon system database)
- ▶ Publication component for preparing the data modules for electronic display
- ▶ Print module for generating paper documentation
- ▶ Retrieval component for displaying documentation contents and to provide a connection to integrated logistical processes
- ▶ NEXIS console for incorporating additional function modules from the integrated logistics

With the QuLS system, we offer a software programme which is one of the best in its class and also has an excellent cost-performance ratio.

### ADVANTAGES

- ▶ The creation, verification and modification process chains can be mapped flexibly, making interfaces simpler
- ▶ The distinctive authorisation control promotes cooperation with clear allocation of responsibility with regard to process stages and documentation contents
- ▶ Specially programmed support functions for the editor increase the effectiveness of the author and guarantee quality
- ▶ Data is imported and exported according to the S1000D regulations and includes comprehensive verification routines, securing data consistency
- ▶ The data module code can be modified declaratively – this is an essential element for guaranteed future security



## Technology at your service

Our aim is to use technology wherever it makes your work easier. We provide notable capabilities:

- ▶ Language options with German/English/Dutch for the user interface are included with delivery. Additional languages can easily be added via central files.
- ▶ All settings (e.g. infocode, system breakdown, structure of the data module code) are project-specific. This makes it possible to take any number of special features into account when working on a project.
- ▶ Special data storage constructions support the processing of product lines.

- ▶ Data module lists can be created, exchanged, compared, combined and revised. They are used as the basis for the creation and modification service.
- ▶ The viewing functions of the QuILS retrieval components are included, and additional, customer-specific style sheets can be incorporated. S1000D versions 1.7 Extended, 1.8 and 1.9 are currently supported. (The upgrade to version 2.x is already planned.)

### Electronic publishing made easy

The publication component is the interface between the IETP-X data format issued by the editor component and the input formats from retrieval components, which are generally specific.

As well as converting the interface, the extraction of the data modules and accompanying data also produces special tables and lists, which are required by the defined retrieval components.

### Sometimes a printed version is also required

A printed version may also be required, whether for checking the content of the documentation on paper, or when a user manual is necessary. Here, we also provide a solution. With our print component, data modules in XML format are given a corresponding layout. Whether you need a typeface, a table of contents or a specific illustration size, with our professional print

component, you can select what you need from a large number of possible settings.

### Display data electronically and integrate logistics

Effective documentation research, combined with logistical functions, is one of our areas of speciality. We have already developed retrieval components in the third generation. For further information on this topic, please refer to the "QuILS: The ASD/AIA S1000D Retrieval System" datasheet.