

# R&S® IETDPublisher OPTIMIZED CREATION AND USE OF S1000D PUBLICATIONS



Product Brochure  
Version 04.00

**ROHDE & SCHWARZ**

Make ideas real



# AT A GLANCE

R&S®IETDPublisher provides a standardized view of S1000D publications in all commonly used formats, validates and processes them.

To create, validate and use S1000D publications in a web browser, the content must be visually presented and converted to an appropriate standard format. The original ASD/AIA S1000D format is only intended for data exchange and is not suitable for direct visual presentation of the content.

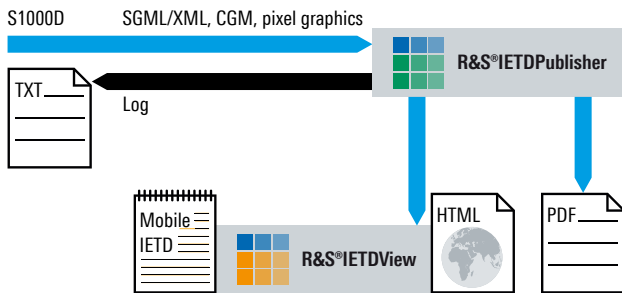
R&S®IETDPublisher uses the ASD/AIA S1000D standard to generate various output formats: to provide a standard format to view, validate and use S1000D publications in R&S®IETDView, either in HTML5 format or as

a PDF. The user benefits from a solution trusted by the German armed forces (Bundeswehr). Compliant with the BESTD project, which specifies standardized software for the Bundeswehr's technical documentation, both R&S®IETDView and R&S®IETDPublisher form key components of the new S1000D standard software.

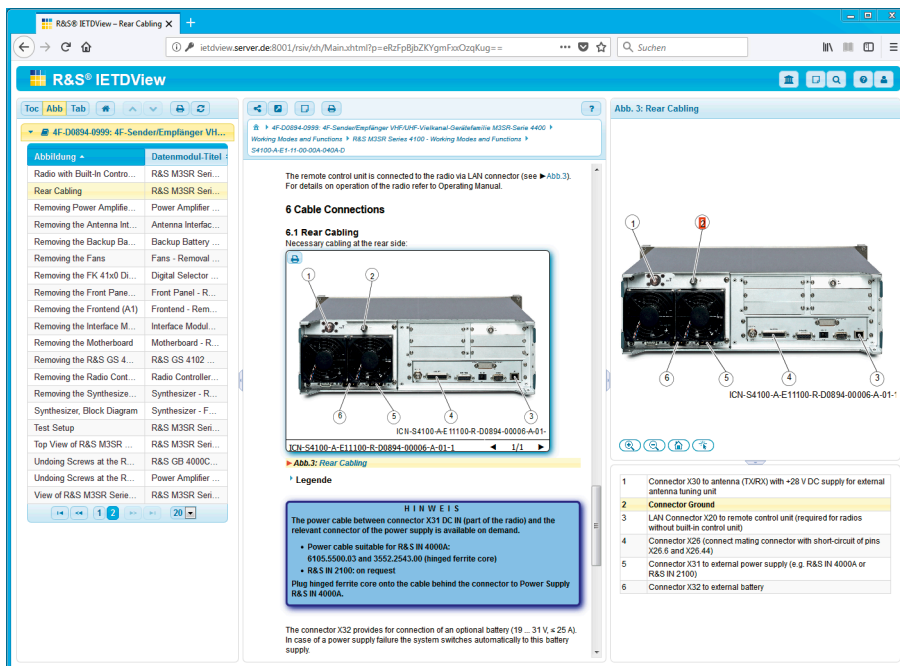
## Key facts

- ▶ Display of content conformant with the BESTD system of the Bundeswehr
- ▶ BAAINBw contractors can use other BESTD system functions free of charge
- ▶ Cost-effective use of the existing IT infrastructure through flexible coupling with any common source database or via a separate GUI
- ▶ Logging function for verifiable and reliable validation of S1000D data modules
- ▶ Visualization using the integrated R&S®IETDView web server application
- ▶ Support of a wide variety of output formats and media: for the web (HTML5), as a printout (PDF) and a mobile format for tablets, notepads and smartphones
- ▶ Automatic conversion of S1000D-compliant CGM graphics into web-compatible SVG graphics  
Note: no additional software required

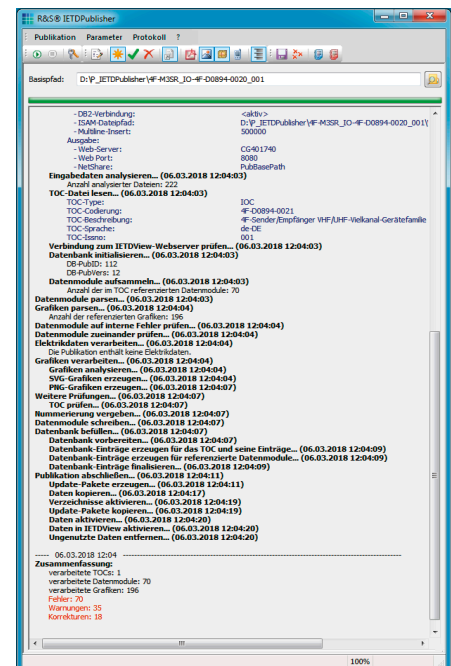
## How R&S®IETDPublisher works



## Visualization in R&S®IETDView, which is included with R&S®IETDPublisher



## Performing validation and generating a history log in R&S®IETDPublisher



# BENEFITS AND KEY FEATURES

## Validation and conversion of all commonly used S1000D data formats

R&S®IETDPublisher recognizes the various noncompatible versions of the S1000D standard. It performs various validation checks on existing S1000D data modules, logs the results, converts them from their original format (SGML or XML) into an HTML5 format and generates additional administrative information. R&S®IETDPublisher packs all this into publication packages that can be imported and used in R&S®IETDView.

## Support for various output formats and output media

For print publications, R&S®IETDPublisher generates a complete PDF document from the existing S1000D files. R&S®IETDView provides additional print functions for individual documentation components (e.g. tables, figures, chapters, spare parts lists).

## Quality assurance support for technical writers and editors

The numerous R&S®IETDPublisher output formats help creators and users of S1000D publications in many areas. Technical writers and editors can see in advance how their document will be presented on the screen or in print. To help assure quality, log files are made available while the S1000D data modules are being validated to provide information on inconsistencies and errors.

## Flexible coupling with any common source database (CSDB)

R&S®IETDPublisher can be coupled with any existing CSDB, since it expects the S1000D files to be input in raw format. No special preprocessing of the data is required. Technical editors are able to create documents with their familiar IT infrastructure and do not have to learn how to use new software tools. After R&S®IETDPublisher has been coupled with the CSDB, converting and publishing can be accomplished at the press of a button. R&S®IETDPublisher is also available in a complete R&S®TODEA package with an integrated CSDB.

## How R&S®IETDPublisher works

- ▶ The software is installed as a single instance on a Windows PC
- ▶ R&S®IETDPublisher and R&S®IETDView are installed together
- ▶ R&S®IETDPublisher converts complete S1000D raw files into usable IETDs
- ▶ R&S®IETDView is a web server that hosts IETDs in a TCP/IP network
- ▶ All the client needs to access R&S®IETDView is an up-to-date web browser
- ▶ An unlimited number of users can access R&S®IETDView simultaneously
- ▶ Only one user can access R&S®IETDPublisher since it is not technically possible to run two publication processes at the same time
- ▶ R&S®IETDPublisher can optionally bundle multiple IETDs in a ZIP file and send them as a publication package

## Licensing model

- ▶ R&S®IETDPublisher can also be accessed by a single user; a second instance of the software is required for parallel editing
- ▶ The license allows an unlimited number of data modules to be edited in one instance
- ▶ An R&S®IETDPublisher license includes an R&S®IETDView license that allows an unlimited number of users to view published modules
- ▶ Viewing data modules from other sources in the integrated R&S®IETDView requires S1000D raw files
- ▶ BAAINBw contractors with a license can use other BESTD system functions free of charge
- ▶ The license includes the standard service package; users can conclude a service contract with Rohde&Schwarz for additional support

## Further information

Would you like to know more? Simply send us an email: [ietd@rohde-schwarz.com](mailto:ietd@rohde-schwarz.com).

## System requirements

Operating system	Windows 8.1, Windows 10, Windows Server 2016 or later version
Processor (recommendation)	Intel Core i3 CPU or later version (R&S®IETDPublisher can use multi-threading)
Browser (recommendation)	All HTML5-compatible versions of Edge, Firefox, Chrome, Safari, Opera and Internet Explorer
Other	<ul style="list-style-type: none"><li>▶ PDF Reader for Internet Explorer (all other browsers can display a PDF directly)</li><li>▶ Optional use of a preinstalled IBM DB2 database possible (R&amp;S®IETDPublisher comes with its own database)</li></ul>

## Service that adds value

- ▶ Worldwide
- ▶ Local und personalized
- ▶ Customized and flexible
- ▶ Uncompromising quality
- ▶ Long-term dependability

## Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in the following business fields: test and measurement, broadcast and media, secure communications, cybersecurity, monitoring and network testing. Founded more than 80 years ago, the independent company which is headquartered in Munich, Germany, has an extensive sales and service network with locations in more than 70 countries.

[www.rohde-schwarz.com](http://www.rohde-schwarz.com)

## Sustainable product design

- ▶ Environmental compatibility and eco-footprint
- ▶ Energy efficiency and low emissions
- ▶ Longevity and optimized total cost of ownership

Certified Quality Management

**ISO 9001**

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**ISO 14001**

## Rohde & Schwarz training

[www.training.rohde-schwarz.com](http://www.training.rohde-schwarz.com)

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