

R&S® IETDView Publish

Release Notes

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Make ideas real



Version 8.0.5 *(Release date: Apr 15th 2025)*

R&S® IETDPublisher

- Free assignment of a publication to a model
- Analysis and assignment of input data can be logged by setting “extended messages”
- Parsing of data modules:
 - All parser errors are identified (no termination after the first error)
 - Use an available schema when a mandator is specified (e.g. NSG_3.4)
 - Heuristic language recognition when no language is specified in the data module
 - Improved processing of various entities
 - Improved processing of BREX modules
- Publication of applic configurations self-created in R&S® IETDView (BAC files)
- Enhanced logging of critical errors, program returns a specific EXIT code
- Notes are retained upon new publication (as long as the reference still exists)
- Publication packages are smaller, as empty database tables are omitted
- GUI: Correction of rendering display for screen resolution other than 100%

R&S® IETDView

- Revision of the data module representation and further integration of S1000D 4.x
- Overhaul of the note functions (import/export, file attachments)
- Expansion of printing functionality to include data module chains and data module selection, including notes
- Further development of validity filtering:
 - BAC files for the exchange of self-created applic configurations
 - Improvement of import/export
 - User rights for the use/change of validity filters
- Model assignment of publications based on specifications at publication and independent of language
- User validation for standalone systems
- Single Sign-On using SAML 2.0 or OpenID Connect
- App Store: File manager with upload/download functionality (for distributing software, for example)
- Introduction of keyboard shortcuts
- Improvement of user guidance and ergonomics
- SysAdmin:
 - Configurable session timeout
 - Manual user validation
 - Exportable user list
 - Ability to apply software patches
 - Web server ‘TomcatRS’ renamed to product name.
- Various improvements related to system security
- Technologie Updates: Apache Tomcat 10.1.34, PrimeFaces 14.0.8, Jakarta Faces 4.0.8, FontAwesome 6.5.1, CDI API 4.1 / OpenWebBeans 4.0, OpenJDK 23, jQuery 3.7.1, IPv6

(Further details in the change log, accessible via the info dialog)

Version 7.1.2 *(Release date: January 31st 2024)*

R&S® IETDPublisher

- RePublication of previously saved input data
- Embed Microsoft Access Database driver into setup

R&S® IETDView

- Applicability Filter:
 - optimised filter suggestions for parameters with ranges
 - more precise database query to guarantee deterministic results when using old Db2 database version
 - enhanced filter logic for old project (S1000D Spec. 1.9-) regarding optional parameters
- List Exports: List all data modules (CSV)
- Technology Update:
 - Apache Tomcat 10.1.13
 - PrimeFaces 11
 - Java 21

Version 7.0.2 *(Release date: July 18th 2023)*

R&S® IETDPublisher

- Save input data for further republication
- Table columns with different units prepared for IETDView and PDF
- Checks for applic filter
- Database systems
 - “MS SQL Server” added
 - “MS Access” (64-bit): compaction fixed
- CGM engine supports “CGM Filter 01.40” and “New Region”
- Further graphic and multimedia formats supported
 - “JPEG 2000” (file extension *.jp2, *.j2k)
 - “Opus” (file extension *.opus)
 - “Shockwave File” (file extension *.swf)
- GUI Icon Design with FontAwesome
- Licence information shown after licence has expired
- Better handling of SSL errors while communicating with R&S® IETDView
- Unique EXIT Codes set
- Encoding problems corrected
- Publisher CLI: new function “Deleting a Publication”

R&S® IETDView

- Database system “MS SQL Server” added
- Release of applic filter:
 - Prototype state ended
 - Classic applic supported
 - New user right: Administration of applic filters
- TOC navigation shows used model name and chosen applic filter when indicated
- Usage improved
 - TOC header redesigned
 - Wiring module: optimized display of controls
 - Data export (excel exports) with progress
 - Search: More than 1000 hits if required
 - Full Text Search find also information from data module status
- Presentation of data modules enhanced
 - IPC data module: correct shifting of attribute @ind
 - Procedure requirements as numbered list instead of bullet list (prelreqs)
 - Presentation of applic data in spec S1000D V4.0+ as boolean expression
 - Further graphic and multimedia formats supported (see IETDPublisher)
- Spare Part Data:
 - Export all spare part data of a publication (Initial Provisioning Project)
 - Search of spare part data: Database performance upgraded
- Database: spec version saved for customized display of publications
- Technologic Update:
 - Library HSQLDB v2.71 (CVE-2022-41853)
 - Java 20
 - PrimeFaces V10

Version 6.9 *(Release date: Oct 28th 2022)*

- New app icons
- Revised online help (new framework)

R&S® IETDPublisher

- Difference between DTD types is not applicable (XML-Schema / SGML-DTD)
- Inline applicability for S1000D Version 1.9 data modules integrated
- Check of graphic file endings
- CGM engine supports graphics with UTF-8
- First steps on S1000D Version 4.x (basic implementation)
- Publication log: Toolbar reordered

R&S® IETDView

- Login with email address
- Auto complete of passwords optimized (username is also applied)
- Main page: rearrangement of icons
- Automatic update after new publication
- Applicability filter:
 - Validation of the parameters
 - Import/Export of personal filter
 - Speedup of filtering
 - Integration of reference level
 - Linkage to part data catalog
- PDF graphics can be opened in a separate window
- DMC search more ergonomic: Support of DMC conform filenames on field "DMC/DME"
- Speedup of database queries
- New function: subscription on publications (email notification after new publication)
- First steps on S1000D Version 4.x (basic implementation)
- New functions for sysadmin:
 - Setting "keep old publication packages "
 - Dialog "System Configuration" revised
- OpenJDK 19 / Apache Tomcat 9.0.64

Version 6.3 (Release date: Apr 29th 2022)

R&S® IETDPublisher

- Minimal version for update of outdated software is V5.4
- Application can also be controlled via command line using `RSPublisherGUIC(64).exe`
- Progress bar shows success (green) / failure (red) of a publication
- Double-click on elements in the status bar, e.g. to open licence settings, configuration settings, product homepage
- Licence-indicator in the status bar refined: licence-expiry is announced early
- Licence-renewal possible via drag & drop of a licence-file
- The length of von CSNs was defined and CSNs are not trimmed any more
- The input-directory won't be touched during publication; all file changes und outputs are written to the directory "Work"
- The folder structure of the publishing-output was changed in such a way, that all parts of a publication are combined in the "Release" subdirectory, which makes the swap during a following publication smoother. Publication packages are stored in the "Packaged"-directory aside.
- Help gets mobile-friendly
- Windows 11 compatible

R&S® IETDView

- Browser *Internet Explorer* is not supported actively any more
- Minimal version for update of outdated software is V5.4
- Facelift in the wiring view and UX enhancements
- Applic-Filter: stricter distinction between status-applic und inline-applic
- Bookmarks can be accessed via shortcut `Ctrl+Shift+B`
- Help gets mobile-friendly
- Webserver configuration optimised: Additional security due to activated "HTTP Strict Transport Security Policy"
- When a server maintenance is announced (by the SysAdmin), ordinary administrators cannot log in
- SysAdmin dialogue "Logged in users" gets additional column, indicating the remaining session duration (use case: When the volume licence is limited, the system administrator is able to terminate the session of inactive users)
- OpenJDK 18 / Apache Tomcat 9.0.56

Version 6.2 (Release date: Oct 28th 2021)

R&S® IETDPublisher

- Publication without TOC: "temporary file list " for an unordered set of data modules, with optional input of status information
- Feature "Mandator variants": predefined mandators allow for specialized checks and publication views in R&S® IETDView
- TOC from R&S® TODEA: Evaluation of additional status information
- File list: Evaluation of PDF metadata in so called PDF data modules
- Data modules: The attribute @tocentry is considered when tables are added to the table index
- "CGM-Engine" improved: Processing CGM graphics is now possible even if undefined bytes are present at the end of the file
- "Cgm2Svg converter": Files are created without fixed scales, making them freely scalable
- Additional checks, e.g. comparing the values "QA" and "Security Classification" between TOC and data modules, same ICN segments
- Improved handling of faulty graphic references / graphics files (no redundant error messages)
- Improved keyboard usage (additional shortcuts)
- Menu entry "Latest Changes" for displaying release notes
- Opening the newest publication directly in R&S® IETDView
- Opening publication log: best viewed with a chromium-based browser (e.g. chrome or edge, internet explorer only if no other option available)
- Base path can be set with command line parameter `-basePath`
- Upgrade to "Windows 10" theme
- Software update check shows hint as soon as a new software version is available
- Parallel usage of R&S® IETDPublisher and R&S® TODEA possible

R&S® IETDView

- Publication list:
 - Tile and list view
 - Highlighting of "publication age" at the left border (similar to R&S® IETDImporter)
- User settings: Data module language changeable (User language vs. the language defined in the data module)
- Excel export in newer XLSX format
- Full text search: improved match highlighting
- Brex data modules can now be displayed
- SVG graphics can be shown in a separate window
- Log: New Tab "OnSite" logs the usage and transfer of publication packages
- User statistics in three variants: 1) User accesses, 2) Group user, 3) Concurrent access
- Extended beta feature "Applicability Filter" (reference layer model, spare part search, order relation, a posteriori filter, ...)
- Updated Java Runtime: OpenJDK 17

Version 6.1 (Release date: Mar 15th 2021)

R&S® IETDPublisher

- Consideration of the “National Style Guide” Version
- Additional check of data module references (refdm) taking account of issue number, language and “data module code extension” (DME).
A warning message appears, when a data module code (DMC) exists multiple times or not unique in the set of input data.
- More precise uniqueness check of “Information Control Number” (ICN)
- The publication protocol was extended by interactive features (e.g. filtering according to various criteria), while the “error protocol” has been removed.
- Internal optimisations (e.g. avoiding duplicates of database entries)
- Bugfixes concerning “multithreading”

R&S® IETDView

- Violation of BREX-rules are indicated in data modules by a warning symbol. Further details are subsequently available in the publication protocol.
- New feature “Changed Publication Data” provides an overview of files which were changed or added compared to the previous publication version
- Search dialog revised:
 - Optimisations for narrow screen widths
 - Full text search has now expandable / collapsible search options
- The publication protocol was extended by interactive features (e.g. filtering according to various criteria), while the “error protocol” has been removed.
- General: Table columns can be resized by the user
- Wiring data view: A rare problem concerning special characters was resolved
- Publications, created in accordance to the “National Style Guide, Version 3.4”, are equipped with extra features like the summation and listing of “Working Hours, Material and Spare Parts”
- System administrators can enable “Experimental Features” (“beta features”)
- The “Applicability Filter” is now available as a beta feature
- Optimised setup routine (e.g. Internet Explorer is not used as default browser for desktop links any more)
- Update of libraries (PrimeFaces 8.0, Apache Tomcat 9.0.40, ZXing, ...)

Version 6.0 *(Release date: Oct 31st 2020)*

R&S® IETDPublisher

- Processing of BREX data modules and validation of data modules as per BREX rules
- Publication packages contain a comment with relevant meta data
- More precise error messages for corrupt graphic files (TIF / CGM)
- Optimised setup routine: silent installation via parameter `-q`

R&S® IETDView

- System administrators can define a hint text for login page
- Tab „Logs“: Filtering of column „action“ via multiple selection dropdown
- Updated libraries: Tomcat 9.0.37, Java 15
- Windows Service „TomcatRS“ gets a more meaningful display name „R&S® IETDView“
- BREX rules are considered when displaying data modules

Version 5.4 *(Release date: Jul 15th 2020)*

R&S® IETDPublisher

- The R&S® IETDPublisher application is now also available in a **64-bit** version
- Data modules with issue type "deleted" are taken into account and handled separately
- Graphics are checked as to whether the sequence number of the ICN is unique within the publication
- All CPU cores can be used

R&S® IETDView

- Redesigned login page
- Introduction of MOI-based rights administration
- System administrators can delete or archive publication packages
- Data modules with issue type "deleted" are displayed and marked with an overlay
- Improved usability of SVG viewer
- Introduction of applicability filter ("Applic Filter")
- Usage of up-to-date libraries ensures a high level of IT security and usability on modern computers:
 - Update to Lucene 8.3.0, Tomcat 9.0.35, etc.
 - Usage of OpenJDK (Java 14)
 - Increased stability for software updates (when updating Java VM and web server)