

# R&S® IETDView Autark Bw

Release Notes

**ROHDE & SCHWARZ**

Make ideas real



# Version 7.1.2 *(Release date: January 31<sup>st</sup> 2024)*

## R&S® IETDImporter Bw

- Embed Microsoft Access Database driver into setup
- Support of publication packages containing only supplement data

## 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
- Deficiency Reports:
  - delivery to CSDB via central server repaired (zip files not corrupt any more)
  - adjust export for group users
- Mailing:
  - e-mail classification
- 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 18<sup>th</sup> 2023)*

## R&S® IETDImporter Bw

- Database system “MS SQL Server” added
- Automatic download of publication packages
- Encoding problems corrected
- GUI Icon Design with FontAwesome
- Usage improved
- Licence information shown after licence has expired
- Better handling of SSL errors while communicating with R&S® IETDView

## 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
    - “JPEG 2000” (file extension \*.jp2, \*.j2k)
    - “Opus” (file extension \*.opus)
    - “Shockwave File” (file extension \*.swf)
- 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
- Enhancements for BESTD:
  - Contact person responsible could be defined by CSDB for each model (email address)
  - Deficiency Report:
    - Workflow simplified
    - Priority adjustable
    - Sending by mail

# Version 6.9 (Release date: Oct 28<sup>th</sup> 2022)

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

## R&S® IETDImporter Bw

- Software update: behavior enhanced
- A better display of the import progress of publications
- Excel export enhanced
- "Press-and-Hold" gesture on tablets

## 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 functions:
  - subscription on publications (email notification after new publication)
  - "Deficiency Report" (DR) for user feedback to project administrators or CSDB
- 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 29<sup>th</sup> 2022)

## R&S® IETDImporter Bw

- Minimal version for update of outdated software is V5.4
- Splash-Screen shown at start-up
- Application redesign: New application with menu, toolbar and status bar
- 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
- Enhanced proxy-usage, detection of network changes
- Enhanced drag & drop of zip-files
- Model-Information is extracted from publication packages
- Import of multiple *delta-publication-packages* fixed
- Log-off from central server enabled; Forced log-off when central server is changed
- Publication list:
  - different DB-Version is highlighted
  - new columns "Regulation Code" and "Print Code"
- Help gets mobile-friendly
- Desktop-Link without port information
- Service "R&S® IETDUpdateService" was changed to "R&S® IETDImportService"
- 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
- The MOI-List is replaced by the new list of *Technical Orders*
- Applic-Filter: stricter distinction between status-applic und inline-applic
- Bookmarks can be accessed via shortcut `Strg+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 28<sup>th</sup> 2021)

## R&S® IETDImporter Bw

- Publication list:
  - Additional row "DBVersion", improved sort
  - Highlighting of "publication age" at the left border (similar to R&S® IETDView)
- Keyboard usage improved (additional shortcuts)
- Redesigned dialogue "Settings"
- New feature "error protocol": Creates a detailed download-/import protocol for analysis in case of errors
- More lenient import limitation: older or newer publication packages are now acceptable (version deviation by  $\pm 1$  is allowed)
- More descriptive error handling for publication import (e.g. when the disk is full)
- Suppress irrelevant warnings
- Software update check shows hint as soon as a new software version is available

## 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
- Protocol: 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 15<sup>th</sup> 2021)

## R&S® IETDImporter Bw

- The application “R&S® IETDUpdateService Manager Bw” is renamed to “R&S® IETDImporter Bw”.
- Additional convenience functions:
  - numerous keyboard shortcuts (see list by pressing “F1”-key)
  - import of publication packages via “drag & drop”
  - open a publication via double-click (resp. “Enter”-key)
- Collision of BITS-Jobs of other applications is fixed
- Dialog “Downloads” has been redesigned
- A new info icon in the status bar indicates if a secure HTTPS-Connection is used to communicate with the source server
- Repeating error messages are reduced (e.g. when the source server is not reachable)

## 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 31<sup>st</sup> 2020)*

## **R&S® IETDUpdateService Bw**

- Publication packages contain a comment with relevant meta data
- Windows Service “RS IETD UpdateService” gets a more meaningful display name “R&S® IETDUpdateService”
- 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 15<sup>th</sup> 2020)*

## R&S® IETDUpdateService Bw

- The R&S® IETDUpdateService application is now also available in a **64-bit** version
- The application can also be used in English
- Encryption of model information packages to ensure data integrity
- More intuitive operation thanks to more informative controls and context menus
- Setup: increased user-friendliness
- **Backward compatibility:** Publication packages from older version can be imported

## 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)