

R&S® IETDView Autark Bw

Release Notes

ROHDE & SCHWARZ

Make ideas real



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

1.0 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

1.1 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)*

1.0 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

1.1 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)

Version 5.3 (Release date: Nov 15th 2019)

1.0 R&S® IETDUpdateService Bw

- **Security fixes** within the framework of a penetration test
- Optimized error management for connectivity and SSL errors
- Publication packages also contain the publication logs

1.1 R&S® IETDView

- Standardization of the menu in the publication overview and main view
- New features for system administrators
- Playback of **multimedia** content (video/audio)
- Dynamic generation of complete publications (*without using R&S® IETDPublisher*)
- Updating of certain components / libraries (*Tomcat, PrimeFaces, jQuery*)
- Support for Apple's Safari browser
- **64-bit** support (web server)
- Downloading of large files supported (*e.g. PDF complete publications > 2 GB*)

Version 5.0 *(Release date: Feb 20th 2019)*

1.0 R&S® IETDUpdateService Bw

- New function: clean database
- **New licensing model:** dialog for entering the license

1.1 R&S® IETDView

- Refinement of logging
- Problems with passwords containing special characters remedied
- Usage of auto-close mechanism for resources (introduced in Java 8)
- Improved handling of second browser tab no longer necessary to log in again in the second window if a session is open
- Introduction of the "system administrator" (SysAdmin) user role
- Bookmark and history entries have a gray background if they are outdated (i.e. if the software is newer than the publication dates of the last publication)
- Reduction of the JVM memory requirement when starting the Tomcat server
- **New licensing model:** The number of users that can be simultaneously logged in is restricted in some cases

Version 4.2 *(Release date: Nov 2nd 2018)*

1.0 R&S® IETDUpdateService Bw

- Encryption of publication packages to ensure data integrity

1.1 R&S® IETDView

- More informative error messages in the event of faulty configuration (e.g. faulty DB2 connection)
- The change in width of the table of contents, data module, figure area was adapted for touch input
- Better usage of browser cache
- Support for 3D graphics (X3D format)
- Implementation of a function for grouping and summarizing "time requirement and material" displays in procedural data modules (and the procedural data modules linked therein)
- The (re-)publication progress can be tracked on central servers
- Ergonomic improvements (history, favorites list)

Version 4.1 *(Release date: Jul 6th 2018)*

1.0 R&S® IETDUpdateService Bw

- Publication packages with electrical data can be imported
- Import via data medium: Pre-analysis of the ZIP packages is performed (ZIP files that are not publication packages are identified)

1.1 R&S® IETDView

- Notes on data modules / figures are now also reproduced in the print output as **PDF notes**
- Embedding of documentation supplements in the PDF print output
- PDF print output contains interactive links in table of contents
- PDF printing now also available in DIN A3 and landscape format
- Performance boost based on lazy loading of in-line graphics
- **Ergonomic improvement:** expansion and collapse of data module areas such as figures, tables, etc.
- Data module status information is now displayed in a clear dialog
- Compatibility with **Microsoft Edge** browser
- The order of search results is now deterministic also for identical hits
- Display of "ambiguous links" selection box for CSNRefs corrected

Version 4.0 (Release date: Nov 15th 2017)

1.0 R&S® IETDUpdateService Bw

– No relevant changes –

1.1 R&S® IETDView

- Ongoing conversion to "PrimeFaces" framework
 - Complete reworking of R&S® IETDView main view (areas: table of contents, data modules, figures, etc.)
- Internal code and configuration optimizations
- After logging out, the message "Your session has expired" is no longer shown
- Over the course of publication, the status remains consistent: Users will not see new content until publication is completed
- Display of documentation supplements
- Adaptations for Chrome browser (related to ISO entities)
- Internal restructuring of encryption algorithms and keys
- Users can modify their own user data (first/last name, email, password)
- New dummy graphics
- Alphanumeric sorting of figure and table list
- Fine-tuning for links across various publications
- The search hit list can be traversed with the F3 key
- Better synchronization of ad hoc PDF generation (including usage of multithreading)
- Performance optimization for table of contents ("expand all" button deactivated for very large structures)
- Performance optimization for figure and table list (page-based display instead of complete list)

Version 3.9 (Release date: Aug 25th 2019)

1.0 R&S® IETDUpdateService Bw

– No relevant changes –

1.1 R&S® IETDView

- Further conversion to "PrimeFaces" framework
 - Notes
 - Version Info
- Fine-tuning of direct link functionality (consideration of sub-publications and data module language)
- Search functions: standardization of hit list
- Grouping of individual search functions in a common window
- SVG hotspot interactions with other data module elements now work like CGM graphics with IsoView
- Log tab optimized (further controls such as page switching, etc.)
- An email address can be assigned to users. The "name" field was divided into "first name" and "last name" fields
- New feature: rights administration on MOI basis with two possible administration functions
 - Assignment: *User* → *Rights to MOIs*
 - Assignment: *MOI* → *Authorized users*
- New view: own rights
- New view for administrators: statistics on stored data for IETDView
 - Number of user accesses in last 30 days (chart only; no personal data!)
 - Usage of storage space
 - Frequency of the different data module types
 - Key figures for individual publications

Version 3.8 (Release date: Mar 29th 2017)

1.0 R&S® IETDUpdateService Bw

– No relevant changes –

1.1 R&S® IETDView

- **Innovation:** partial conversion of user interface to "**PrimeFaces**" framework
 - Publication list
 - Search functions
 - Settings
 - User administration
- After changing the interim password, the user does not have to log in again
- Only the activated publication packages are displayed in the overview (placeholder rows were removed for the sake of clarity)
- Filtering and updating of the publication list were improved
- Problems with umlauts when creating/editing users were corrected
- Avoidance of an OutOfMemory error due to usage of the "Memory=false" driver option as soon as the Access database reaches a critical size
- Administrators can completely delete users (instead of only deactivate)
- Performance optimization for "watchdog"
- New "direct links" feature (creation and usage of URLs for directly linking to publication or data modules and graphics)
- Logging of publications ("logs" tab)

Version 3.7 *(Release date: Nov 7th 2016)*

1.0 R&S® IETDUpdateService Bw

- Publications containing line breaks in their title were not displayed in the publication list (bug fixed)
- Inconsistency during alternating import of publications (online and by data medium) was eliminated
- Introduction of user authentication when connecting to a source server
- New view: locally installed publications
- Display of source server and login name in status bar
- The source server's HTTP port can be modified in the settings

1.1 R&S® IETDView

- First-time use of SVG preview graphics in data module (instead of PNG preview graphics)
- Visual and functional improvements to the publication list (filtering and sorting possible for first time)
- The ICN is displayed below figures. In addition, it is possible to scroll between the pages in case of multipage figures.
- IETDView administrators can announce planned maintenance that is displayed to all users on the login page. Purpose: planning server downtime.
- IETDView administrators can delete individual publications (new button in publication list)
- Better handling of blocked database (e.g. when the publisher activates a new publication)
- Introduction of a "watchdog" active in the maintenance window to inform users about temporary (planned) downtime.
- Wildcards are supported for the DMC search (example: *02A-*)
- Clicking a hit in the ICN search leads directly to the corresponding figure (instead of just the data module).

Version 3.6 (Release date: Apr 8th 2016)

1.2 R&S® IETDUpdateService Bw

– No relevant changes –

1.3 R&S® IETDView

- Transition to **Java 8**
- New "**UCanAccess**" **access driver** as replacement for the ODBC-JDBC bridge
- Introduction of a "group user"
- A **logout function** was implemented
- Addition of new search functions: DMC reverse search (reference search), ICN search, search by data module types, etc.
- More ergonomic search: support for long hyphens (DMC search) and a more intuitive user interface, optimization for Internet Explorer 11
- Wiring Module: consideration of links which point to suspended publications
- Context-sensitive help can be accessed with the F1 key
- Standardization of messages for an expired session
- New or modified notes can still be saved even after session expires
- Notes can be saved with **Ctrl+S**
- Suspended publications are displayed in the TOC frame and highlighted in salmon (while the content is not selectable)
- Preloading of the IsoView plug-in before the first data module is selected