

R&S® IETDView Publish

Release Notes

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Make ideas real



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

1.0 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

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)*

1.2 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

1.3 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)

1.4 R&S® IETDPublisher

- PDF complete publication with table of contents ("document outline")
- Publication modules (IO/PM) are **validated against DTD/schema**
- Setup routine allows separation of program and user data
- Increased stability due to higher QA standards and further development of integration processes

1.5 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® IETDPublisher

- **New licensing model**
- Database queries perfected
- Messages in publisher log refined
- Faster parsing of XML files
- Minor bugs fixed

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® IETDPublisher

- Support for **3D graphics** (X3D format)
- Cgm2Svg converter: introduction of an **SVG optimizer** to reduce the file size
- Increased usage of multithreading in PDF generation
- Support for special characters in MOI titles
- Improved communications between IETDPublisher and IETDView so that publication errors are easier to distinguish

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® IETDPublisher

- Bug fix: When using an Access database, it was not possible to uninstall large publications
- Correction of discrepancies when creating publication packages that contain files with Unicode special characters
- PDF generation now more stable (additional checks for invalid in-line graphics)
- Adaptation of Cgm2Svg converter when mitering very acute angles (IsoView-compatible display instead of strict interpretation of CGM standard)
- New design for publication logs

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® IETDPublisher

- A default applicability is used to process electrical data if none is specified
- Performance optimization for parsing of large data modules
- After republication, the notes created by users are preserved
- Conversion of TIF graphics to PNG format (since most browsers do not support the TIF format)
- Processing of documentation supplements ("*ds*" module type)
- If publication is cancelled, temporary working files in IETDView are fully removed

1.1 R&S® IETDView

- Ongoing conversion to "PrimeFaces" framework
 - Complete reworking of 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® IETDPublisher

- CGM2SVG converter: improved handling of faulty / incomplete CGM graphics

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 R&S® 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® IETDPublisher

- Optimized error handling (e.g. if no republication directory is available)
- Preprocessing of XML entities to avoid complications with Microsoft XML parser
- Handling of extra-large SVG graphics in the PDF print output
- Even with connection problems, duplicate DB entries no longer arise upon publication (protection based on better synchronization between publisher and viewer)
- Processing of external publication references (refextp) in publication modules
- The CGM2SVG converter now also supports layers and multi-pictures
- Removal of no-longer-needed CGM2PNG conversion
- Following a software update, the publication size is taken into account for republication: small publications first
- Clean rollback if publication fails (including deletion of publication packages)

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® IETDPublisher

- Bug fix for creation of PDF print output
- Display of placeholder graphic in print output was corrected

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)*

1.0 R&S® IETDPublisher

- Handling of extra-large graphics in tables
- Processing of "answer" elements with links
- Utilization of wiring data without applicability information
- No crashing when DB2 connection drops out
- Innovation: introduction of a **Cgm2Svg converter** for viewing graphics in the browser even without IsoView

1.1 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