

## Release Information

Program : Set Connect - Integration Tool - Remote Client  
Version : 6.10.10 (64-bit)  
Date : 06-08-2025

## Release Notes

### V6.10.10 (06-08-2025)(55)

- Added support for X509 authentication to plugin "HttpClient"
- Added support for multipart upload to plugin "S3upload" to upload large files
- It is now possible to save a preview image of the workflow diagrams (which can be displayed by the "Logging" page on ITWEB). Note: only administrators have the right to this function

### V6.10.9 (08-07-2025)

- Updated plugin "HttpClient": added option to save headers to a recordset

### V6.10.8 (02-07-2025)

- Updated plugin "JobTicket": "Send File" is now also enabled for "WEB" ticket when "Close Ticket" is enabled

### V6.10.7 (14-05-2025)

#### **Breaking changes**

- *SFTP plugins: Support for DSA dropped*
- Fixed problem with workflow validation

### V6.10.6.1 (17-04-2025)

- Moved plugins "GraphAddGroupMember" & "GraphRemoveGroupMember" to "Active Directory"

### V6.10.6 (16-04-2025)

- Added plugins "GraphAddGroupMember" and "GraphRemoveGroupMember" to "WebServices" to add- or remove a user from a group using "Microsoft Graph"

### V6.10.5 (14-04-2025)

- Fixed problem with refreshing token in plugin "SmtpMail" and "SendMail"

### V6.10.4 (03-04-2025)

- Fixed problem with workflow validation

### V6.10.3 (19-03-2025)(54)

- Updated plugin "MapiReceiveMail": added option "All attachments must pass filter"

### V6.10.2 (18-03-2025)(53)

- Updated plugin "MapiReceiveMail": added option to use attachment-filter for the "save attachments" option
- Updated plugin "HttpClient": added option to save cookies to a recordset
- Updated plugins "SmtpClient" and "SendMail" to support oauth2 authentication

- Updated plugin "SharePointDownload" to support "Microsoft Graph" authentication
- V6.10.1** (08-01-2025)
- Added new Google plugins: "GoogleDriveDownload", "GoogleDriveUpload" & "GoogleDriveMove"
- V6.10.0** (18-12-2024)
- Added voucher-row-text to table "SIE\_Voucher" in plugin SIE-import
  - Added new trigger "GoogleDrive Hotfolder" and plugin "GoogleDriveQuickDownload" to download files from Google Drive
  - Updated Payment Analyze (WEB): added column "Entry Reference" to "Statistics"
- V6.9.29** (04-12-2024)
- Fixed version conflict in several dll's
- V6.9.28** (25-11-2024)(52)
- Updated plugin "SIEimport": implemented new parser to process Type-4 files. The old parser is now called "Type-4 Legacy". The new parser will save the data to multiple tables in a dataset. These tables can then be stored in a database using the "Output all tables in dataset" option in plugin "rsOutput2Database" or the tables can be queried using option "Query Recordset" in plugin "QueryDatabase". The following tables will be created in the dataset: SIETYPE4\_Main, SIETYPE4\_Konto, SIETYPE4\_Dim & SIETYPE4\_Voucher
  - Added option "Start table names with" to plugin "rsOutput2Database". This option can only be used when option "Output all tables in dataset" is enabled and the configured string will be used as a prefix for the table names in the dataset
- V6.9.27.2** (14-11-2024)
- Reverted changes to plugin "SIEimport" from update 6.9.26
- V6.9.27** (01-11-2024)
- Fixed dll version conflict with Microsoft Identity Client
- V6.9.26** (25-10-2024)
- Updated plugin "MapiReceiveMail": added option to rename attachments if the file already exists
  - Updated plugin "SIEimport" to support "space" values
- V6.9.25** (21-10-2024)
- Updated plugins "Office365AddUserPhoto" & "SharePointUpload" to support "Microsoft Graph" authentication
- V6.9.24** (16-10-2024)
- Updated plugin "PaymentAnalyze"
- V6.9.23** (26-09-2024)
- When saving data to a recordset/table the data is now added to a recordset if the recordset already existed. This way it's possible to add multiple tables to an existing recordset (or dataset in this case) and run queries on all tables that exist in the recordset/dataset

- V6.9.22** (17-09-2024)
- Fixed problem with creating subdirectories in plugin "SFTPUpload"
- V6.9.21** (16-09-2024)
- Updated IT-WEB: added extra filter-option to the Monitor page: "Workflow" and/or "Workflow ID"
- V6.9.20** (10-09-2024)
- Updated plugin "SetVariable": fixed problem with function "SetExcelSheetCellValue" and added two new functions: "GetExcelActiveSheetName" and "GetExcelFirstSheetName"
  - Updated "Hotfolder"-trigger: you can now configure how many files should be processed before the workflow finishes
- V6.9.19** (06-09-2024)
- Fixed problem with uploading large files to "Sharepoint Online" in plugin "SharePointUpload"
- V6.9.18** (27-08-2024)
- Updated plugin "IMAPreceiveMail": added option, when moving messages to a folder, to let the plugin create missing folders and added option to only process messages that have attachments or not have attachments
- V6.9.17** (26-08-2024) (51)
- Fixed problem with occasional "RefreshUsers\_ERROR" error
  - Added more functionality to the "Run Script" GUI
  - Fixed problem in plugin "SharePointUpload" when uploading large files to SharePoint Online
- V6.9.16** (16-08-2024)
- Added new database driver for PostgreSQL
  - Fixed problem in "Configuration Manager" that changes to a workflow were not saved when clicking on an empty part of the workflow-list or when selecting the "Shared" group
- V6.9.15** (04-07-2024)
- Updated "Microsoft CodeDom Compiler" to v4.1 (used by plugin "RunScript")
  - Update plugin "JSON2DB": added option "DateParseHandling" which determines how date/time string is processed
- V6.9.14** (13-06-2024)
- Added "Align Horizontally" and "Align Vertically" options to workflow-diagram options: this will align the selected nodes horizontally or vertically to the first node that was selected
  - Fixed problem in plugin "PaymentAnalyze"
  - Updated plugins: "IMAPreceiveMail" & "POPreceiveMail": when a message only contains an html-body but "Use HTML Body" is not enabled the html-body will be converted to plain-text and used as the message body
- V6.9.13** (03-05-2024)
- Fixed problem in "Configuration Manager" that sometimes not the correct logfile was loaded when viewing workflow logfiles in "Monitor"
  - Updated plugin "PaymentAnalyze"

- V6.9.12** (22-04-2024)
- Fixed problem with filters in plugins "IMAPreceiveMail" & "POPreceiveMail"
  - Fixed problem with identifying missing variables in plugin "SetVariable"
  - Added support for double-quotes values in plugin "SIEimport"
- V6.9.11** (12-04-2024) (50)
- Updated plugin "SimpleImageConvert": added multi-page tiff output support
  - Updated plugins: "IMAPreceiveMail" & "POPreceiveMail" to support attachment-filter
- V6.9.10** (10-04-2024) (49)
- Updated trigger "MailOnServer": you can now also set a filter on attachment filenames and choose if "All" or "Any" of the filters must match
  - Fixed problem in plugin "SetVariable" that missing variables would cause the variable pulldown menu to default to the first variable. The user will now be alerted to a missing variable
- V6.9.9** (04-04-2024)
- Fixed problem in plugin "ForEach" that (when applicable) the file-queue of the workflow was not correctly restored which could result in (file not found) errors
- V6.9.8** (02-04-2024)
- Fixed problem with brackets ([]) in plugin "SqlBulkCopy"
  - Added option to plugin "ScriptObject" to configure the "New Line" string
- V6.9.7** (27-03-2024)
- Fixed problem that some triggers caused a memory-leak which would lead to insufficient resources on the server if the daemon was not restarted regularly
  - Fixed memory-leak in plugin "SimpleImageConvert"
  - Fixed problem with "Created By" value in workflow-description
- V6.9.6** (04-03-2024)
- Updated plugin "SimpleImageConvert" to prevent potential thread-unsafe problem
  - Added new plugin: "ExportXLS2XLS" which opens the configured XLS(X) file and saves it to a new file (this can fix potential problems with the format of the input xls file)
  - Fixed problem that "workflow variables" were not shown in the "User Variables" list
  - Updated plugin "XMLupdate": fixed problem with selecting the correct entries from the xml
- V6.9.5** (18-02-2024) (48)
- Added option "Trim Output" to plugin "rsOutput2File"
- V6.9.4** (14-02-2024) (47)
- Fixed problem with remote-login
  - Fixed problem with "QueryDatabase" when using SQL-Server driver
- V6.9.3** (14-02-2024)
- Updated plugin "rsOutput2File": improved overall performance

- Logging now shows the runtime of each command
- V6.9.2** (09-02-2024) (46)
- Fixed problem with moving workflows from a subgroup to another group
  - Further optimized performance of “rsOutput2File – Textfile”
  - Updated plugins “OpenDatabase” & “CloseHandle” to make it easier to select existing handles
- V6.9.1** (05-02-2024) (45)
- Updated trigger “Query”: you can now save the result of the query to a recordset
  - Added new inline function: “DateTime\DateAdd”
- V6.9.0.1** (01-02-2024)
- Updated plugin “rsOutput2File”: improved performance of output option “Textfile”
- V6.9.0** (31-01-2024) (44)
- It is now possible to link multiple triggers; all triggers in a link must return “True” for a workflow to be triggered
  - Updated plugin “rsOutput2File”: added option “Encapsulate in Quotes” to format “Textfile”
- V6.8.16** (18-01-2024)
- Updated functions “Add”, “Subtract”, “Multiply” & “Divide” in plugin “SetVariable” to support the configuration of the output format (like 0:0.00)
  - Fixed option “Keep Matching Records” in plugin “XMLupdate”
- V6.8.15** (01-01-2024)
- Updated “Payment Analyze” plugin and WEB
- V6.8.14** (18-12-2023)
- In “Monitor” you can now also select a date up to 2 weeks ago
  - Fixed problem with variable-replacement in function “Run Script” in plugins “DoWhile”, “ForEach”, “ForNext”, “IfThenElse” & “SelectCase”
- V6.8.13** (15-12-2023) (43)
- Added “Last Available” option to “Scope” in “Monitor”: this will show the last available logfile of the selected workflow
  - Fixed some problems with updating/refreshing “Monitor”
- V6.8.12** (14-12-2023)
- Fixed that some variables (like {var:yyMMdd}) were not always being interpreted
  - In “Monitor” you can now set the “scope” of the logging to “Today” or “Yesterday”
- V6.8.11** (04-12-2023)
- “AzureBlobDownload”, “AzureBlobUpload”, “AzureBlobDelete”, “AzureBlob Hotfolder” & “AzureBlobQuickDownload” updated to support “SAS Uri Authentication”
- V6.8.10** (01-12-2023)

- Fixed a problem in the internal "Text" database-driver: if a query only contains an "update" command this would result in an error (even though the update was successfully executed). The "Text" driver now also supports the "insert" command
- Updated plugin "PaymentAnalyze" to support "Statistics" (only for 'ISO20022 Camt.054.001.02' and 'From BGC Payments')

**V6.8.9** (21-11-2023) (42)

- Fixed problem in plugin "SetVariable" and the "Configuration Manager" that the configuration of "SetVariable" could not be seen in the "Properties" window and when searching in the configuration using "Tools\Find" this no longer returned any results from the "SetVariable" configuration

**V6.8.8** (20-11-2023)

- Fixed problem in plugin "SetVariable" and the "Configuration Manager" that used-variables in the configuration of "SetVariable" were no longer shown in the "Used Variables" list and could not be found when searching in the configuration

**V6.8.7** (17-11-2023)

- Fixed some problems in plugin "XMLUpdate" regarding detecting/setting the encoding (xml declaration)
- Updated plugin "SetVariable": you can now test the configured operator (note that this realtime-test may produce different results then during runtime in a Daemon!)
- You can now configure the date/time format in option "Use Timestamp" in the Hotfolder-trigger

**V6.8.6** (02-11-2023)

- Updated plugin "AzureBlobDownload" to support using SAS Uri

**V6.8.5** (31-10-2023)

- Fixed problem that when a workflow is copied or moved to another daemon and it contained and used workflow-variables, these variables were added to the daemon as normal variables

**V6.8.4** (30-10-2023)

- Fixed problem in trigger-setup that under certain conditions the trigger-type was not correctly saved/set
- Fixed problem related to updated sftp-libraries

**V6.8.3** (25-10-2023)

- Fixed problem in plugins "PaymentAnalyze" and "SetVariable"
- Fixed problem in Workflow Validation

**V6.8.2** (12-10-2023)

- Updated plugin "SetVariable": improved performance when opening the properties and you can now configure 15 variables

**V6.8.1** (10-10-2023)(41)

- Updated plugin "SetVariable": you can now set a maximum of 10 variables and the tab-colour of each variable can be changed

**V6.8.0** (02-10-2023)

- Renamed the “Display Name” of service “scit6drc” from “Set Connect Integration Tool Remote Control” to “Set Connect Integration Tool Runtime Controller” because this better describes the functionality that is performed by the service
- “Access Control” is now named “Remote Control” (no functional changes)
- Fixed problem in plugin “sFTPUpload” that sometimes it was not correctly detected if a file already exists which would result in a file being overwritten when it should be skipped

#### **V6.7.32** (22-09-2023)

- Updated IT-WEB to 6.7.32
- Updated plugin “LogMessage”: it’s now possible to set what type of message to use: normal, warning or error
- Updated plugin “HttpClient”: added option to disable SSL verification

#### **V6.7.31** (31-08-2023)

- Setting “Cell Type” to “AutoDetect” in the “Microsoft Excel” format in plugin “rsOutput2File” will now also detect formulas: if the string value starts with ‘=’ the formula of the cell will be set to this string (and be calculated)

#### **V6.7.30.1** (30-08-2023)

- Fixed problem in plugin “ForEach”

#### **V6.7.30** (25-08-2023)

- Fixed problem that option “File in Directory” and “Directory in Directory” in plugin “ForEach” would cause the active hotfolder filequeue information to be overwritten
- Added option “Force Array” to plugin “JSON”. If enabled, this will put the json between [ ] if this is not already the case
- Fixed problem with function “RegExpReplaceGroup” in plugin “SetVariable”

#### **V6.7.29** (04-08-2023)

- Fixed problem in plugin “PDF\_HtmlToPDF” that no html was converted. The plugin now only supports file-input and not url-input

#### **V6.7.28** (10-07-2023)

- It is now possible to change the group of a variable on the “All” tab

#### **V6.7.27** (20-06-2023)

- Updated plugin “SimpleImageConvert” to save the number of pages of a pdf or multi-page tiff file to a variable and using “0” as the page-number to export will export all pages to one pdf file (“:0” is only supported when using pdf as the output-format!)
- Fixed some problems in plugin “PaymentAnalyze” – ISO20022

#### **V6.7.26** (16-06-2023)

- Added option to set “encoding” in function “GetFileContent” in plugin “SetVariable”
- Fixed some problems in plugin “PaymentAnalyze” – ISO20022
- Updated plugin “PDF\_CropPage” to show the dimensions of the PDF-page and the dimensions of the cropped part in the logging
- Updated plugin “SimpleImageConvert” to support multi-page tiff files

- Daemons will now only update workflow-information on "IT-WEB" if there has been an actual change

**V6.7.25** (13-06-2023) (40)

- Fixed problem that Cancelled workflows were included in the right-click "Enable/Disable" function
- It is now supported to connect more than one Trigger to Start in a workflow. Depending on which Triggers are connected this may cause unpredictable behaviour! Because of this the user will be alerted to this whenever an extra Trigger is connected to Start (note that some combinations can't be used. For instance: the Hotfolder-trigger can only be connected once and not in combination with any other Trigger). The workflow will be triggered by any of the connected Triggers

**V6.7.24** (13-06-2023)

- Fixed some problems in plugin "PaymentAnalyze" - ISO20022
- Fixed problem in "Validate Workflows"
- {var:WorkflowName} is now supported in "Apply Partial Variable Replacement" in Triggers

**V6.7.23** (15-05-2023)

- Updated "Workflow Validation" to only include enabled/standby workflows and only be applied to enabled and connected commands and triggers

**V6.7.22** (09-05-2023)

- Fixed problem in plugin "ForEach" when using variables in "File In Directory" and "Directory in Directory"
- Fixed problem with password in plugins "ADmodifyUser" and "ADcreateUser"

**V6.7.21** (04-05-2023)

- Fixed problem with <CrLf> in combination with "Edit In Larger Window" function

**V6.7.20** (28-04-2023)

- Fixed problem in "SetVariable"

**V6.7.19** (21-04-2023)

- Fixed problem (hopefully) with random duplication of all icons in the workflow-diagram
- Fixed problem with copying/moving a renamed group, subgroup or workflow to another daemon
- Updated IT-WEB: errors will no longer be re-directed to the error-page but to the login page where the error will be displayed

**V6.7.18** (17-04-2023)

- Added extra debug-logging for plugin "SetVariable"
- Changed method of writing JSON file in "rsOutput2File" to prevent out-of-memory error
- Updated plugin "PaymentAnalyze" to support a few extra fields in ISO20022

**V6.7.17** (07-04-2023)

- Fixed problem when using "RunScript" plugin

**V6.7.16** (05-04-2023)



- Fixed problem in plugin "OpenDatabase" that when using "IBMDB2" this caused an error when opening the properties again
- Fixed connection problem of IBMDB2 database driver
- Fixed option "Format XML" in plugin "rsOutput2File" to correctly follow the "Encoding" setting
- Added support for "Modern Authentication" to plugin "Office365AddUserPhoto"

#### **V6.7.15** (03-04-2023)

- Updated IT-WEB: added "AutoRefresh" checkbox and date selection to "Log Monitor"
- Added new database-driver "IBMDB2"
- Added new Ftp variables: {var:FtpFilenameExt} and {var:FtpFilenameNoExt}
- Added "Message Id" tag to report in "Payment Analyze - camt.54.001.002"
- Fixed option "Format XML" in plugin "rsOutput2File" to correctly follow the "Encoding" setting
- Fixed problem in automatic logging of warnings/errors to the Web Monitor

#### **V6.7.14** (14-03-2023)

- Fixed problem in "ForkWorkflow" plugin that in some cases the "LastFinished" timestamp was not set which caused an error when automatic-tracking is enabled
- The workflow-diagram in "Run Script" now follows the snap-to-grid setting of the main workflow-diagram
- Updated variable-list in plugins "ForEach" & "ForNext" to new format which includes workflow-variables
- Fixed problem with missing dll in "AzureBlob" plugins
- Fixed problem with variable/function interpretation in "Run Script"

#### **V6.7.13** (06-03-2023)

- Fixed problem in plugin "ForEach" that the counter that indicates the total number of steps-to-be-executed would be overwritten (changed) if a sub-workflow of the "ForEach" command also contained one or more "ForEach" commands
- Fixed problem in plugin "PaymentAnalyze - Pain.002.001.03"
- When using variables in a preset database-connection these variables are now correctly replaced during a "Test Connection"

#### **V6.7.12** (27-02-2023)

- Fixed problem in plugin "SFTPlist" that timestamp was not retrieved correctly
- Fixed problem in plugin "PaymentAnalyze - Pain.002.001.03"

#### **V6.7.11** (13-02-2023)

- The "Last Finished" timestamp in "auto-tracking" is now also set for standby-workflows
- IT-WEB can now show all workflows on the "Tracking Details" page and the user can select the type of workflows to display: enabled, standby, etc...
- When sorting the "Last Finished" column on the "Tracking Details" page the date is now correctly used as the sort-key

#### **V6.7.10** (10-02-2023)

- Updated code in plugin "PDF\_ReversePages"

- Added record-counter indicator in logging for operator "rsEOF" in plugin "Dowhile"
- V6.7.9** (01-02-2023)
- Added new plugin "SFTPtest" to test if an sftp-server is reachable and login works. The plugin can be used to set a variable to "0" or "1" depending on if the connection was successful
  - Updated plugin "PDF\_SplitPages" to use more reliable code
  - Enabled option "Remove Empty Directories" in plugin "FTPquickDownload"
- V6.7.8** (25-01-2023)
- Updated error-logging to show more information when possible
  - Fixed problem with copying/moving workflows in subgroups to another daemon
  - Fixed problem that the "find" option below the workflow-list would cause a daemon to be incorrectly flagged as being changed
- V6.7.7** (09-01-2023)
- Fixed problem in plugin "IfThenElse" that workflow names were incorrectly encoded as variables
  - Fixed small issue in license-checking
  - Forking to a workflow that does not exist now results in an "Error" and not a "Warning"
- V6.7.6.3** (17-12-2022)
- Clicking "Ok" when closing the properties of a trigger or plugin will no longer cause an "There are unsaved changes" message when there were no actual changes to the trigger or plugin
- V6.7.6.2** (16-12-2022)
- Enabled context-menu in "Cleanup Variables" (only the "Paste" option is disabled)
  - Fixed problem that variables in "CLEANUP" could not be manually deleted
- V6.7.6.1** (13-12-2022)
- Fixed problem that a logged-on user was not logged-out whenever the "Configuration Manager" is restarted
  - Added extra logging to plugin "OnCondition"
- V6.7.6** (05-12-2022)(39)(38)
- Fixed problem that '{pwd:}' did not return an empty string
  - Fixed problem with password in plugin "BulkImport"
  - Fixed problem with processing variables
  - Fixed problem in plugin "SFTPupload"
  - Fixed problem that when the properties of a (sub)group or separator are changed this is not seen as an "unsaved change"
  - Added "Manage Network Credentials" to "Option" menu in "Configuration Manager"
  - Added "Delete" option to context-menu of "Variables", "Shared Variables" and "Workflow Variables"
- V6.7.5** (01-12-2022)
- Fixed problem that new variables were always a member of the "DEFAULT" group

- “Stand-by” workflows can now also be individually validated
- Fixed problem that copy/paste of a plugin when “Show Plugin-Identifiers” is enabled would result in the original identifier to be included in the label of the new plugin
- Fixed problem that option “Show Plugin-Identifiers” was not saved to the shared configuration file
- Fixed problem with updating/renaming workflow-variables

#### **V6.7.4** (30-11-2022)

- Updated plugin “PDF\_FillAcroForm” to support child-fields
- Rolled-back spreadsheet library to previous release because of problem processing xlsx files

#### **V6.7.3** (30-11-2022)

- Fixed problem with “Replace Variables”
- Added two indicators (“D” & “S”) to the statusbar of the “Configuration Manager” that show if there are unsaved (D)aemon or (S)hared changes
- Updated plugin “PDF\_FillAcroForm”: added option “Update Sourcefile”

#### **V6.7.2** (29-11-2022)

- Fixed problem with automatic conversion to new variable format
- Added “Manage Variable Groups” to toolbar of “Variables” and “Shared Variables”

#### **V6.7.1.1** (28-11-2022)

- “Used Variables” are now always displayed in a dockable window (requires an automatic re-initialization of the workspace)
- Selecting a variable in the “Used Variables” list will select all nodes in the workflow-diagram where the selected variable is used

#### V6.7.1 (28-11-2022)(38)(38)

- Introduced new check between client and server: there is a now a minimum-level the server must conform to before a client can connect
- Fixed problem with processing new variable format
- Fixed problem in plugin "SharePointUpload" with processing metadata

#### V6.7.0.1 (26-11-2022)

- Fixed problem with "Cleanup Databases"
- Fixed problem with updating variables to new format
- Fixed problem with "Replace Variables"

#### V6.7.0 (25-11-2022) (37)

- ***ALL variables must now always be encoded using {var:varname}. This includes all system variables like '<Filename>', which should now be {var:Filename}. Older format variables will automatically be renamed to the new format!***
- Variable-groups are now displayed as different tabs in "Variables" and "Shared Variables". Note that the available groups are still managed from the "Configuration\Advanced\Lists" section.
- Fixed problem in Hotfolder-trigger, related to 'Single File Handling', that the trigger would not try to process the next file if the first file was not stable
- Fixed "Cleanup Databases"
- Added options "List Used Variables" and "Replace Variable" to the toolbar of the workflow-diagram
- Updated plugin "SharePointUpload": you can now save the document-ID to a variable and fixed a problem with "lookup" type
- Fixed problem that copy/paste of a large number of variables was very slow
- Fixed problem with duplicating "Subgroups"
- Fixed problem that certain special characters could not be used when renaming or duplicating "Groups", "Subgroups" or "Separators"
- Improved copying/moving workflows and groups to another Daemon

#### V6.6.4 (07-11-2022) (36)

- Fixed problem with the conversion of the configuration files during the upgrade procedure (v5 to v6) which caused pools not to be loaded correctly the first time the "Configuration Manager" was launched
- The runtime-information panel in the "Configuration Manager" now also shows the LOT (Last OverDue Time), MOT (Max OverDue Time) and the ART (Average Run Time)
- Updated IT WEB to also show the LOT, MOT & ART in the workflow details of "Automatic Tracking"
- The C# and VB.Net runscript plugins now use the "Roslyn" compiler
- Added option "Replace Variable" to workflow-list context-menu. With this option all occurrences of a variable(name) can be replaced with another variable(name)
- Added option "Inheritable" to workflow-variables: if this option is enabled the value of the variable is passed on to, and inherited from any child workflow(s)

#### V6.6.3 (03-11-2022) (35)

- It is now possible to use the mouse scrollwheel to scroll up/down in the workflow-diagram. Keep the shift-key pressed for fast-scrolling

- Updated plugin "PaymentAnalyze" and ITWEB to support ISO20022 Pain.002.001.03
  - Updated ITWEB to always show "Logout" option
  - Fixed problem that "Value" and "Description" of workflow-variables could not be cleared
- V6.6.2** (01-11-2022)
- Added new workflow plugin "WarningAction" to configure what should happen if a "Warning" occurs (similar to "ErrorAction" plugin)
  - Optimized the interface of "Manage Services"
  - Fixed problem with incorrect variable encoding when selecting a variable from the popup-menu in plugin "QueryDatabase"
- V6.6.1** (27-10-2022)
- Fixed problem with "Show Runtime Information"
- V6.6.0** (26-10-2022) (34)
- Added alias for plugin "JSON" called "JSON2DB" in category "Database"
  - Updated plugin "CSV2DB": "Input file" can now also be a string
  - Updated function "ExtractStringFromFile" in plugin "SetVariable": the file is now always processed line-by-line and all matches are appended to the result
  - Removed plugin "NewVariable" and added "Workflow Variables" to the workflow properties. "Workflow Variables" are only valid within the workflow in which they are configured!
  - Added option "Show Runtime Information" to "View"-menu in the "Configuration Manager". This option is only functional when "Tracking" and "Automatic Tracking" are enabled. If "Show Runtime Information" is enabled current runtime information from the selected workflow is displayed at the bottom of the workflow list. This information includes the "Last Finished" timestamp and the current queue size and progress (if applicable). This information is retrieved from the tracking (WEB) database. Note that each time a configuration is (re)loaded and/or switched to another daemon this option is automatically disabled again to prevent unnecessary overhead
  - Fixed problem with "Arrange From Here" function in workflow-diagram
  - Fixed problem that the recordset created by plugin "Excel2DB" & "CSV2DB" could not be queried by "QueryDatabase"
  - Variables in the context popup-menu are now displayed without < >
  - Workflow-lists will now show if a workflow is 'enabled', 'disabled' or 'standby', by using the 'Workflowlist colors' as configured in "Advanced\Interface"
- V6.5.2** (21-10-2022) (33)
- Updated plugin "NewVariable": you can now configure the scope of the variable: "Workflow" or "Daemon". This setting determines where the variable can be used: just in the workflow in which it is configured or in all the workflows in the current daemon. "Workflow"-variables only exist during the 'lifetime' of the workflow (when it is running) and are destroyed when the workflow is finished
- V6.5.1** (20-10-2022) (32)
- Runtime variables (created with the plugin "NewVariable") are now displayed in a new context popup-menu option called "Runtime Variables" and they are

now also included in all pulldown-menu's where you can select variables.  
The runtime variables are now also included in the workflow-validation

- Fixed problem with function "ExtractStringFromFile" in plugin "SetVariable"

#### **V6.5.0** (18-10-2022) (31)

- Added new plugin "NewVariable" which can be used to create a new variable during runtime. Note that these variables can't be selected in the variable popup-menu and are ignored by the workflow validation function!
- Updated all plugins where you can select a variable: the variable list now only contains the names of the variables without < > and the pulldown-menu is no longer "read-only" which makes it possible to manually configure the names of variables that are created during runtime using the "NewVariable" plugin
- Fixed problem in "GoogleStorage Hotfolder" trigger which caused some files not to get processed
- Fixed problem in "Google Storage" plugins and trigger when different workflows used different credential json files

#### **V6.4.3** (11-10-2022) (30)

- Fixed problem that pairing-database configuration was cleared when saving the configuration using a remote-client
- A remote-client can no longer connect to a Member pairing-server (you must always connect to the Master pairing-server)
- Fixed arrange-diagram buttons in the toolbar of the workflow-diagram
- Fixed problem that the pairing configuration was not correctly loaded from the registry
- Fixed licensing related problem in installer-package and daemon-services
- Added new "Basic" style for triggers and plugins

#### **V6.4.2** (23-09-2022) (29)

- When a login-user does not have administrator rights but does have "Manage Databases" rights they will no longer see the "Shared" and "System" databases in "Manage Databases"

#### **V6.4.1** (22-09-2022)

- Updated plugin "Office365CreateMailbox"

#### **V6.4.0** (14-09-2022) (28)

- Updated plugins "IMAPPreceiveMail", "POPPreceiveMail" and trigger "MailOnServer" to support "Microsoft OAUTH2" authentication
- Fixed problem in "Hotfolder"-trigger with deleting rejected files
- Updated search-in-config functionality in "Configuration Manager"
- Updated "PaymentAnalyze": added date-selection to ISO20022-PAIN on PA-WEB

#### **V6.3.3** (31-08-2022)

- Updated ITWEB and CompanionServer: fixed problem with validating the webpost commands that a user is allowed to execute

#### **V6.3.2** (26-08-2022)

- Updated ITWEB: added "refresh" button to "Job Tickets" page to reload the selected ticket

#### **V6.3.1** (22-08-2022) (27)

- When installing an updated "Remote-Client" it is no longer necessary to first uninstall "Remote-Client"
  - Added options to "StopDaemon" and "RestartDaemon" plugins to stop/restart "All" Daemons and to "Stop/Restart When Idle"
- V6.3.0.1** (17-08-2022)
- Fixed problem with the locking of files in operator "WellFormedXml"
- V6.3.0** (16-08-2022)
- Reverted back to only forcing a remote-client to be on the same level as the server when it is absolutely necessary
- V6.2.8** (10-08-2022)
- Added new "WellFormedXml" operator to plugins "DoWhile", "IfThenElse", "OnCondition" and trigger "OnCondition". The operator will return "True" if the configured file is a well-formed xml, "False" if it is not a well-formed xml
- V6.2.7** (09-08-2022)
- Fixed problem in plugin "PaymentAnalyze": the configuration of the plugin was not always saved correctly
  - When connecting to a remote server the version-check is skipped when the account is not an Administrator and/or has no "Save Configuration" privilege
- V6.2.6** (18-07-2022)
- Updated plugin "PaymentAnalyze" and ITWEB to support the configuration of a "Sort Key" that determines how entries are sorted in "Payment Analyze WEB"
- V6.2.5.6** (14-07-2022)
- Made final change to "Map All Enabled Connections" function in "Configuration Manager"
- V6.2.5.3** (12-07-2022)
- Fixed problem with CAMT format in plugin "PaymentAnalyze"
- V6.2.5.2** (12-07-2022)
- Fixed problem with incorrect assembly-version in plugin "HttpClient"
- V6.2.5.1** (06-07-2022)
- Added progress messages to the function "Map All Enabled Connections" (added in v6.2.5) and the option to abort after an error
- V6.2.5** (06-07-2022)
- Added options to "Configuration Manager" to map/unmap all enabled connections in the "Network Credentials" list
- V6.2.4.5** (01-07-2022)
- Fixed problem in PaymentAnalyze
  - Experimental support for "Microsoft OAuth" authentication in "IMAPreceiveMail" plugin
- V6.2.4** (01-07-2022)

- Fixed problem in plugin "SIE-import" that correct #VER-records were incorrectly flagged as invalid
- Added option "Use First Seen Timestamp" option to "Hotfolder"-trigger. The "First Seen" timestamp is the date/time the Daemon first finds ("sees") the file in the hotfolder. This timestamp is then used by the "Stable Timer" to determine if a file is stable. This can be used to only process files which have been "seen" in the hotfolder for at least the "Stable time" amount of seconds.

#### V6.2.3.2 (28-06-2022)

- Updated plugin "SIE-import": incorrectly formatted #VER records will now trigger an error

#### V6.2.3.1 (02-06-2022)

- Added a warning to the Supervisor logfile that only Pools that are set to "AutoStart" will be automatically started during the (mandatory) nightly restart of the Supervisor-service.
- It is now possible to set the Supervisor restart-time using the registry key: "HKLM\Software\Set Connect AB\IntegrationTool\SupervisorRestartTime". Set this key to a valid time in the format HH:mm

#### V6.2.3 (31-05-2022)

- "Workflow Validation" now checks if a workflow that is run but another workflow is either "Enabled" or "Standby". In all other cases the Validation will fail

#### V6.2.2.1 (25-05-2022)

- Updated plugin "PDF\_CreatePdfFromText" to better support empty lines and form-feeds

#### V6.2.2 (23-05-2022)

- ***NOTE: it is recommended to upgrade all servers and clients in the same network! Because the server reports the status of the daemons different than previous releases, the client may show an incorrect status when connected to an older version server!***
- Fixed "Help not found!" in 10-Daemon and Remote-Client versions
- When new workflows are created the "Creation Date" will now be saved and shown as "Creation Date" in the "Description" of the workflow. If a workflow has no "Creation Date" (all workflows that were created before this update) the date of the first edit of the "Description" will be shown as "Date"
- Added new plugin "ChangeEncoding" to "File"-category. This plugin can be used to change the encoding of a file

#### V6.2.1 (12-05-2022)

- Fixed problem with "Landscape" setting in plugin "PDF\_CreatePdfFromText"

#### V6.2.0 (11-05-2022)

##### **\*\*\* NEW DAEMON POOLING SYSTEM IS NOW OPERATIONAL \*\*\***

- New and optimized code results in increased performance & reliability
- Each Pool now has a "Master Daemon" that contains the workflows of the Pool
- Adding an extra Daemon to an existing Pool will **NOT** add the workflows from that Daemon to the Pool!
- Fixed some problem with the "Daemon Pool Configuration" interface in the "Configuration Manager"



- The Supervisor now hosts a webservice (port 8650) to communicate with the Daemons
- Updated plugin "PaymentAnalyze" to support ISO20022 "Camt.054.001.02" & "Pain.001.001.03"
- V6.1.6.4** (10-05-2022)
  - Fixed problem in plugin "SIE-import"
- V6.1.6.3** (06-05-2022)
  - Updated plugin "SIE-import"
- V6.1.6.2** (02-05-2022) \*\*\* DO NOT USE POOLING IN THIS RELEASE \*\*\*
  - Added new plugin to "Workflow"-group: "ResetWorkflowOverdue". Running this plugin will reset the "WorkflowOverdue" value for all workflows
  - Updated plugin "rsReport" to include the following runtime information: "LastFinished" (date/time when the workflow last finished), "AverageRuntime" (average runtime in seconds), "LastOverdueTime" (the last 'WorkflowOverdue' value), "MaxOverdueTime" (the maximum that 'WorkflowOverdue' reached) "ProcessedItems" (the number of items/files that were processed)
  - You can now connect with a "newer" remote-client to an "older" server as long as they have the same major-version-number
  - Updated plugins "ADcreateUser", "ADmodifyUser", "ADcreateContact" & "ADmodifyContact": you can now use "[clear]" in the "Value" of an ad-property to clear the property and the properties now also support empty strings to set the property to an empty string
- V6.1.6.1** (08-04-2022)
  - Implemented "<WorkflowLastOverdueTime>" variable which contains the last Overdue-time (in seconds) of the current workflow
  - Added operator "WorkflowOverdueGreaterThan" operator to "OnCondition"-trigger and plugins "DoWhile", "IfThenElse" and "OnCondition"
  - Updated "rsReport" plugin to include the "WorkflowLastOverdueTime" value for each workflow
  - Added option "Run at Startup" to workflow-properties. This option is only available when "Scan Interval" is an interval in seconds and when enabled, will make the workflow run immediately after startup of the daemon.
- V6.1.6** (07-04-2022)
  - Completely re-coded the internal scheduler because of (potential) problems with the scheduling of workflows. This fixes the problem of workflows (not) running at (un)expected times
  - Re-coded part of the Pooling-mechanism for improved scheduling efficiency
  - The system logging now always shows the exact time a workflow is scheduled to run and how many seconds a workflow was overdue (compared to when it was supposed to start)

*NOTE: because workflows run sequential and not parallel is can still happen that a workflow actually runs later then it was scheduled to run, because other workflows may not have finished execution yet!*
- V6.1.5.2** (31-03-2022)
  - When a workflow is using the calendar the logging now shows more info about at what time the workflow should run

- V6.1.5** (25-03-2022)
- Fixed problem that some changes in the workflow-diagram were not saved
  - When the tracking/WEB database is not reachable this will no longer trigger the "ErrorAction" in workflows
  - Added new "System" variable: <TrackingStatus> which will either be "running" or "stopped".
  - Added new options to plugin "Tracking" to enable/disable "Tracking" and or "AutoTracking"
- V6.1.4.1** (14-03-2022)
- Added "Skip First Line" option to plugin "ForEach - Line in File"
- V6.1.4** (11-03-2022)
- Bugfixes for streamlined workflow-diagram
  - Fixed error when creating comment-boxes
  - The "Configuration Manager" now shows the total number of errors of the daemon or pool in the status-bar at the bottom
- V6.1.3** (09-03-2022)
- Streamlined workflow-diagram interface in "Configuration Manager"
- V6.1.2** (07-03-2022)
- Fixed problem in "FTP-Hotfolder"-trigger that when using normal ftp (port 21) the first character of subdirectory-names was missing
- V6.1.1** (02-03-2022)
- Fixed problem with strange arrow behaviour in workflow-diagram when connecting a node to another node which already has incoming arrows
- V6.1.0** (25-02-2022)
- ***To prevent configuration corruption it is now enforced that when connecting to a server using "Remote Client" or the regular application, this MUST be the same version as the server!***
  - The context popup-menu now contains a "Helper" option which can be used to more precisely configure "inline strings" like "<RE\_Replace!...>", "<RS:READ:...>" etc.
  - Updated plugin "XMLUpdate" to support regular-expressions in the "Update Value(s)" and "Current Value" settings
  - Fixed problem with dragging a workflow-group to the top or bottom
  - Fixed problem with copying/moving certain workflows to another daemon
- V6.0.5.4** (21-02-2022)
- Fixed problem with using variables and/or text in handles
- V6.0.5.3** (11-02-2022)
- Fixed problem that certain variables were not correctly encoded as a variable in the configuration
- V6.0.5.2** (10-02-2022)
- Fixed problem with "Restart When Idle" when used with a service: the service was only stopped, not started again

- V6.0.5.1** (08-02-2022)
- Updated plugin "Excel2DB": added option "Parse Dates" and the option to set a date-format
- V6.0.5** (08-02-2022)
- Updated plugin "Excel2DB": you can now replace or remove specific text from cell range(s)
- V6.0.4.4** (03-02-2022)
- Fixed problem with workflow reports
- V6.0.4.3** (02-02-2022)
- Fixed problem with case-sensitive handles
  - Improved functionality & performance of "Find" <ctrl-F>
- V6.0.4.2** (01-02-2022)
- Fixed problem with case-sensitive handles
- V6.0.4.1** (01-02-2022)
- Fixed problem of corrupted string when using variables in "Handle" pulldown-menu's
  - Added "Save to Html File" option to "Search"
- V6.0.4** (RC-level 6.0.4) (31-01-2022)
- Added option to "Force Stop" a daemon or pool to the main toolbar of the "Configuration Manager" and to "Manage Services"
  - Added "Tools\Find" option to main menu in "Configuration Manager" to search the configuration files and/or logging
- V6.0.3** (28-01-2022)
- Added extra options to stop/restart the current daemon/pool: you can now "Stop/restart Service ASAP" (which was the default before) and "Stop/restart Service When Idle"
- V6.0.2.12** (27-01-2022)
- Updated plugin "ExportXLS2PDF": it is now possible to also use Microsoft Excel as the engine to create the pdf. In some cases this produces a better pdf. Ofcourse this requires MS-Excel to be installed on the system.
- V6.0.2.11** (26-01-2022)
- When upgrading from v5 and you have no internet connection (to update the license) you can now select an offline license file to update the license
  - Fixed problem with workflow schedule-calendar that the calendar end-date was august 2022. The calendar end-data is now 01/01/2050
  - Fixed problem in "rsOutput2File" that updated pivot table data in a worksheet was not correctly saved
- V6.0.2.10** (24-01-2022)
- Fixed problem in plugin "OpenDatabase": when using the "JSON"-driver the "JSON file" setting was not saved
  - Updated XLSX library to fix problem with page-breaks and updating pivot-tables
  - Fixed strange behaviour when changing the "Scan Interval" setting in the workflow-properties

- V6.0.2.9** (18-01-2022)
- Updated plugin "HttpClient": added option "Convert XML Response to JSON"
- V6.0.2.8** (17-01-2022)
- Improved performance of UI of Configuration Manager
- V6.0.2.7** (17-01-2022)
- Fixed problem with RunNow
  - Updated plugin "HttpClient": when using MSAL authentication you can now use the string "[AccessToken]" in parameters, headers or content and optionally automatically add the "authentication bearer header"
- V6.0.2.6** (14-01-2022)
- Fixed problem with "Ignore Errors" setting in plugin "MoveFile"
- V6.0.2.5** (13-01-2022)
- Fixed problem in plugin "ExportXLS2CSV"
- V6.0.2.4** (13-01-2022)
- Added option "Ignore Errors" to plugins "MoveFile" & "CopyFile". This option can only be selected when using DOS-wildcards and will make sure the plugin will not abort in case of an error but will continue processing the other file(s)
  - Changed MSAL authentication option in plugin "HttpClient" to use a certificate
- V6.0.2.3** (11-01-2022)
- Fixed problem with copying/moving workflows
  - Added "Cancel" option to workflows-list popup-menu
- V6.0.2.2** (10-01-2022)
- Fixed problem with case-sensitive variables
- V6.0.2.1** (10-01-2022)
- Fixed problem with plugins "RunVBDotNetCode" and "Run CSharpDotNetCode" plugins
- V6.0.2.0** (10-01-2022)
- Fixed error "Object reference not set to an instance of an object" in Hotfolder-trigger
  - Fixed problem that variables were case-sensitive
  - Updated plugin "JobTicket - WEB Post" to support "Return String"
  - Fixed plugin "ADaddGroupMember" & "ADremoveGroupMember"
- V6.0.1.0** (06-01-2022)
- First production release