

Release Information

Program : Set Connect Agent – 30 Daemons
Version : 5.14.3.4 (64-bit)
Date : 03-09-2019

Release Notes

V5.14.3.4 (03-09-2019)

- JSON plugin now also imports data when the json file doesn't contain any records but just contains entities in the root
- Fixed problem with "ForkWorkflow": file-information was lost after the second "ForkWorkflow" command

V5.14.3.3 (31-08-2019)

- Fixed problem that "Query Timeout" setting in database properties was not correctly used by all database-drivers

V5.14.3.2 (27-08-2019)

- "Query" and "Recordset" Hotfolder-triggers now also support variables in the handle, query and column

V5.14.3.1 (26-08-2019)

- Fixed problem with "ForkWorkflow" plugin: when the command was executed with "Commands Only" enabled and the parent-workflow was not a "scheduled" workflow, the trigger of the workflow run by the "ForkWorkflow" command was changed to be the same as the parent-workflow

V5.14.3 (RC-level 5.14.3) (23-08-2018)

- Changed RC-level to 5.14.3 to prevent configuration mismatch due to new hotfolder-trigger configuration options

V5.14.2 (14-08-2019)

- Fixed problem in ActiveDirectory plugins, "Windows 2008" option: there was a problem detecting if a user was already a member of a group
- Updated "Agent WEB": there is now a "Logging" page where logfiles from Agent servers can be viewed in realtime and a "File Manager" page where files can be uploaded to and downloaded from the Agent server
- Updated "Hotfolder"-trigger; it is now possible to use a recordset, or a recordset created from a query (executed each time the hotfolder-trigger runs) as input for the hotfolder directory(ies). A column-name from the recordset can be configured and the content of this column (for each row in the recordset) will be used as the hotfolder-directory for the trigger
- Network-credentials can now be enabled/disabled in the "Configuration Manager"
- Added two new plugins to "ActiveDirectory" plugin-pack; "ADaddGroupMember" and "ADremoveGroupMember"

V5.14.0 (24-06-2019)

- A "Plugin SDK" is now included with the installation which can be used to create plugins for Agent. Note: each developer computer needs to have a special license installed to be able to create plugins!
- Fixed problem that "rsReport" returned 0 records if it was running after a "Run Now" command

- Fixed problem in "SetVariable" plugin that "GetHttpRequestStatusCode" function returned a string and not a code
- Fixed problem in "GetXPathData" function in plugin "SetVariable" which could cause the function to enter a loop which would hang the plugin/daemon

V5.12.0 (RC-level 5.12.0) (17-04-2018)

- Greatly improved performance of "SecureFileUpload" and "SecureFileDownload" plugins by using streamed transfers
- Fixed problem that when a workflow was duplicated that was inside a subgroup the duplicated workflow would not be placed inside the same subgroup and would not be automatically selected

V5.11.2 (04-04-2019)

- Added timeout setting to "WebDownload" & "WebUpload"
- Added option to "Curl" plugin to save StdErr to a variable
- Fixed problem that groups could not be moved when no workflow had been selected before
- Added new plugin "SmsService" to send SMS using http://sms.datatal.se

V5.11.1 (19-02-2019)

- Improved online-activation mechanism

V5.11.0 (04-02-2019)

- **Client licenses can now be activated online by using the "Activate" button on the "About" windows. This means it is no longer necessary to manually install a license**
- Updated "ManageExchangeMailbox" plugin: the Office365 functionality has been removed and moved to 2 new plugins in the new "Office365" category: "Office365CreateMailbox" & "Office365DeleteLicense"

V5.10.4 (21-01-2019)

- Updated "ManageExchangeMailbox" plugin: it is now possible to create a mailbox in Office365
- Updated "ADInfo" plugin: when OU is empty and "Include Subtree" is enabled the plugin will now search the entire domain
- Updated "rsOutput2File": when exporting to "Microsoft Excel" you can now specify the "Numberformat". This setting will affect the numberformat of the cell being updated (see help-file for more info on the different settings)
- Added variable <LastAffectedRecordsCount> which contains the "affected records" value of the last query

V5.10.3 (14-01-2019)

- Introduced new "Manage Services" interface
- Fixed problem in "FTP Hotfolder" trigger that for an sftp-connection the "Ignore Name" setting was ignored which could result in a failed connection
- Fixed problem in "rsExport2File" plugin that "AutoCreate Directories" setting was not correctly saved
- Fixed problem in "CopyFile" & "MoveFile" plugins that sometimes the filesize was incorrectly reported to be "0 kb" (this did NOT result in incorrectly copied or moved files)
- Updated "QueryDatabase" plugin: "XML-Output Compatible (SQLserver only)" is no longer enabled by default
- When writing to spreadsheet-cells the type of the cell is now set correctly (to text or numeric type)

- V5.10.2.2** (17-12-2018)
 - Fixed error when using "Copy" or "Cut" on (shared)variables when select-all variables is selected

- V5.10.2.1** (13-12-2018)
 - Fixed problem in "XMLexport" plugin

- V5.10.2** (11-12-2018)
 - Added two new "Mail" plugins: "Office365AddUserPhoto" & "Office365RemoveUserPhoto" to add/remove photos from an Office365 account
 - Fixed problem in "XMLimport" that nothing was imported when selection list is empty

- V5.10.1.3** (08-12-2018)
 - Fixed problem with pasting variables

- V5.10.1.2** (03-12-2018)
 - Fixed problem with "DecryptAESpassword" function in "SetVariable"

- V5.10.1.1** (30-11-2018)
 - Fixed problem with text-driver when remotely connected
 - Updated "AddAccessRule" & "RemoveAccessRule" plugins

- V5.10.1** (27-11-2018)
 - Fixed problem with internal reports
 - Added two new "File" plugins: "AddAccessRule" & "RemoveAccessRule" to set/clear ntfs permissions on files and/or directories

- V5.10.0.1** (21-11-2018)
 - Fixed slow performance problem of "Validate Workflows" function

- V5.10.0** (19-11-2018)
 - **Upgraded to Microsoft.Net Framework v4.7.2**
 - Fixed problem during installation when "Run as LocalSystem" was selected for the daemon-services; at the end of the service-installation a dialogbox to enter a username/password would be presented. This is now fixed.
 - Updated "Write2File" plugin: "Force create file on empty text" now also works if "Append" is enabled
 - Improved file-locking handling when copying/moving files
 - Fixed problem with copying/moving workflows to another daemon that sometimes workflows would not be copied/moved to the correct (sub)group in the other daemon
 - Fixed problem that in some cases a daemon would set credentials that are configured to be set by another daemon
 - Moved the "Draw Commentboxes" menu-option from the workflowdiagram popupmenu to the workflowdiagram toolbar
 - Fixed problem in Configuration Manager that in some cases dragging a workflow to another location would result in a corrupted workflow-diagram
 - Added option in "Interface" preferences to ask for confirmation upon daemon stop/start/restart
 - Added new "PrintXLS" plugin to print excel files
 - Added new "Encryption" plugins: "PgpEncrypt", "PgpDecrypt" & "PgpSignAndEncrypt"
 - Fixed problem then when you are connected to a remote-server and clicked the "Open Active Logfile" the local logfile was opened and not the remote logfile

- Fixed problem in function "WebUriExists": when using the function multiple times in short succession the function would take more and more time to complete

V5.9.4 (17-07-2018)

- **The deprecated "Web Daemon" which has been replaced by "Agent WEB" is no longer being used/installed (and will be automatically removed)**
- Fixed problem in "S3download" plugin: when using the "S3-trigger" value from the "S3 Hotfolder"-trigger and the "S3 Hotfolder"-trigger was configured to use a region-endpoint that doesn't begin with "https" the download would fail
- Simplified the stop/start/restart service/pool buttons on the main toolbar
- Mathematical functions like "MF_Calculate" and "Add, Subtract, Multiply, Divide" in "SetVariable" plugin now also support decimal values
- Added 19 new visual-styles (to change the look & feel of the Configuration Manager)
- Added variables <Yesterday> and <Tomorrow> (dd-MMM-yyyy format)
- Updated "Write2File" plugin: "Force create file on empty text" now also works if "Append" is enabled

V5.9.3.2 (09-07-2018)

- Updated Hotfolder-trigger: you can now configure if the timestamp of the file (creation-date or modification-date) must (also) be used to determine if the file must be processed or not

V5.9.3.1 (03-07-2018)

- Credentials can now be assigned to Daemons

V5.9.3 (29-06-2018)

- The certificate used to encrypt the connection with the server, when using remote-control, is now installed (on the client) in the "CurrentUser"-store to prevent permission problems

V5.9.2 (19-06-2018)

- The certificate used by remote-control no longer needs to be installed in the "AuthRoot" store (which could cause problems if the user didn't have enough privileges)
- Updated "PDFpublish" plugin: "Flip HTML5" is now also supported to create HTML5 flipbooks/ebooks
- Updated IP-Tools plugins related libraries

V5.9.1.3 (30-05-2018)

- Fixed daily "reset" mechanism in remote-control service which could cause a "ServiceChannel" related error and cause the service to crash

V5.9.1.2 (29-05-2018)

- New internal "_JOBTICKET_" handle is now no longer visible

V5.9.1.1 (28-05-2018)

- Fixed problem with remote-control certificate when using "remote management" installation

V5.9.1 (RC-level 5.9.1) (23-05-2018)

- Remote-control now uses an encrypted (SSL certificate) connection for better security
- Added two new plugins: "SecureFileUpload" & "SecureFileDownload". These plugins can be used to upload/download files to/from other Agent servers and uses the compressed, encrypted remote-control webservice to transfer the data
- Added "Retries" option to plugin "JobTicket"

V5.9.0 (RC-level 5.9.0) (25-04-2018)

- Remote Control now also supports custom portnumbers when adding/using a validation server. The port can be configured by configuring the server as {servername}:{port}
- Remote Control now uses compressed binary message encoding for better performance
- Updated "Pairing" system with new options; in one pairing-group you can now configure one server to be a "Master" and the other servers to be a "MEMBER". The "MEMBER" servers will automatically update their configuration from the "MASTER"
- The "FTP Hotfolder" and "S3 Hotfolder" triggers now also support load-balancing when part of a paired daemon
- Improved download performance in "FTPquickDownload" plugin
- Updated "SetVariable" plugin: "Clear" now also clears the values
- Updated "RsaDecryptAndVerify" plugin: fixed decryption problem on Windows 10/2012(R2) by using "[Bouncy Castle](#)" for decryption
- Fixed problem in adding a remote-control server that a server with the same name but a different port could not be added and resulted in a "server is already in the list" warning

V5.8.2 (RC-level 5.8.2) (09-03-2018)

- New trigger "FTP Hotfolder"
- Renamed all FTP-Triggers that have "Behave as Hotfolder" enabled to "FTP Hotfolder"
- Updated plugin "SharePointInfo": added "Id" to resultset in "Get Managed Metadata" option

V5.8.1 (07-03-2018)

- Fixed problem with new stabletime mechanism in (s)ftp(s) plugins and trigger

V5.8.0 (05-03-2018)

- **Upgraded to Microsoft.Net Framework v4.7.1**
- Improved ftp stable-timer mechanism: the stable-time is no longer applied to each file being downloaded but only once in each session. This greatly improves performance when downloading large numbers of files
- Updated "ServicesControl" plugin: new "WMI" option which supports "username/password" to connect with remote server
- Fixed some issues with managing remote-control accounts and added support for FQDN (when using a validation server)
- Removed "Secure Channel" option from "Remote Control" settings, because the data is always encrypted anyway
- Updated "XMLupdate" plugin: when encoding is set to "AUTODETECT" the encoding will now be determined by the internal xmlreader which should better match the actual encoding of the file
- In (shared) variables you can now hide the value by checking "Hide". The "Value"-cell will then show "{hidden}". Once the cell is entered the real value will be displayed
- Fixed problem with date-format in Pairing

V5.7.4.3 (20-02-2018)

- Disabled "checksum mismatch" warning

V5.7.4.2 (15-02-2018)

- Updated "SharePointInfo" plugin: new "Get Managed Metadata" to read custom-properties from taxonomy data in Sharepoint

V5.7.4.1 (13-02-2018)

- New "FTPquickDownload" plugin: this plugin can be used together with the new "FTP-Trigger" option "Behave as Hotfolder Trigger". When this option is enabled in FTP-trigger, the

trigger will behave as the Hotfolder-trigger; this means the workflow will be executed for each matching file found by the FTP-trigger. The new variables <FtpFilename>, <FtpDirectory> and <FtpSubDir> contain info about the current file. The new variable <FtpQuickDownload> contains all information necessary to download the current file (including, server name, login info, security, etc.). This variable can be used in the "FTPquickDownload" plugin to download the file

- Updated FTP-Trigger: fixed problem when using "Test" mode (an error message about a missing license would popup)
- Updated Agent WEB: fixed problem with copying a ticket

V5.7.4 (06-02-2018)

- **IMPORTANT:** fixed resource-leak in all "Tools" plugin-pack plugins. With "Plugin Late Binding" enabled this could cause the daemons to crash
- Updated "S3upload" plugin: added option to set "User-defined Metadata"

V5.7.3.3 (29-01-2018)

- New "DecryptAesPassword" function in plugin "SetVariable"

V5.7.3.2 (26-01-2018)

- Updated "ForEach" plugin: added "File in Directory" and "Directory in Directory" options
- Updated "Payment Analyze" in Agent WEB

V5.7.3.1 (22-01-2018)

- Updated plugin "rsOutput2Database": it is now possible to save the queries that are executed by the plugin to a file. Optionally the queries can only be exported to the file (not actually executed)

V5.7.3 (21-01-2018)

- Updated plugin "rsOutput2Database": only applicable to SQLserver-driver: date/time column is now created using MM and not MMM when "[SourceType]" is selected. MMM could cause errors when there are differences in regional-settings between Agent server and SQLserver server

V5.7.2.1 (18-01-2018)

- Fixed problem with quotes (") in column-names in plugin "Excel2DB"

V5.7.2 (17-01-2018)

- New Amazon Glacier plugins & trigger to create/delete vaults, upload/download/delete archives in vaults and retrieve inventories from vaults
- New "GetXPathCount" function in plugin "SetVariable" to retrieve the number of selected nodes for a given xpath query
- Moved S3-plugins to new "Amazon" category
- Fixed problem in plugin "Excel2DB": when the worksheet was empty this caused an error
- Updated "ExportXLS2PDF" plugin: the "PrintArea" is now correctly used when saving a worksheet to PDF
- Fixed problem in plugin "SetVariable": special regular-expression replacement metacharacters could cause the plugin to hang

V5.7.1.1 (10-01-2018)

- Updated plugin "ADdeleteUser": automatic fallback to "DeleteTree" in case "normal delete" fails

V5.7.1 (09-01-2018)

- Fixed problem with XML-output in rsOutput2File when using "Use SQLserver XML". This fix means that when using the SQL-Server database-driver the correct number of affected-records for non-queries like "UPDATE, DELETE, etc." can no longer be correctly displayed. In these cases the number of affected records will always be 0
- Fixed problem in plugin "CreateXMLenvelope"

V5.7.0 (08-01-2018)

- Updated "Agent WEB": the new, per daemon, setting "Automatic Tracking" will automatically create tracking entries for all "Enabled" workflows of that daemon. The "@System Tracking" page on "Agent WEB" will then show the status of these workflows, the last time they finished and for hotfolder workflows it also shows real-time queue information. An whenever an automatic-login session has a timeout this no longer causes an error (and the error-page to be displayed)
- It's now possible to search in the plugin library
- Fixed problem in "RunProgram" & "Shell" plugins: when saving stdout to a variable the previous result was not correctly cleared
- Implemented new hashing-algorithm for Pairing
- The "log directory" now defaults to "{installdir}\Logging" when it has not been configured yet
- New plugin "ExcelRunMacro" to run macro(s) in an Excel workbook (requires MS-Excel)
- Fixed problem that when "Access Control" was enabled and the Admin password needed to be set, Access Control was not actually enabled
- Fixed problem in "PsExec" plugin: the remote-program was not executed
- The installer will now automatically create missing configuration files (ini files)
- It is now possible to remove all application registry keys (including licensekeys) during full uninstall
- Fixed problem in Pooling: workflows were not correctly merged when a new pool was being initialized
- Fixed problem in "FTPSlist" that certain properties were not correctly saved/set
- Updated "(S)FTP(S)list" plugins: added extra option "Include Directory Name in List". If unchecked: directory names that don't match the filter will not be included in the list
- Fixed problem with retry-functionality in SFTP-plugins
- New plugin "SendMail": you can now configure a shared SMTP mailserver in "Configuration\General" and these settings will be automatically used in this new "SendMail" plugin. All daemons will use these settings whenever the "SendMail" plugin is executed
- Updated "PaymentAnalyze" plugin to v0.5
- Fixed problem in "Duplicate Workflow": the "Fixed Scheduling" settings were not correctly copied to the new workflow
- Updated "ExportXLS2PDF": it is now possible to "Include Hidden Sheets" and to configure the names of the worksheets that must be exported
- The Daemon will no longer not be able to run if there is a configuration-mismatch. If there is a mismatch it will show extra info related to when the inifile was last updated

V5.6.5.1

- New plugin "ExcelRunMacro" to run macro(s) in an Excel workbook (requires MS-Excel)

V5.6.5

- Updated all code that used MS-Excel automation: MS-Excel is now no longer required and all related functions are now handled by internal code that does not require MS-Excel to be installed
- Fixed problem in Pairing: when filenames had a quote ` in the filename it would not be picked-up when Pairing is enabled

V5.6.4.5

- Fixed problem with datetime formatting of "DateTime" columns in recordsets (when using rsOutput2Database)

V5.6.4.4

- Updated "ServicesControl" plugin: it now retrieves the "Description" of the service and not the "DisplayName"
- Fixed automatic monitor logging: wrong workflow-id was used in some cases

V5.6.4.3

- Updated "ServicesControl" plugin: the DisplayName of the service can now also be saved to a variable
- Fixed problem in "ADcreateGroup" & "ADdeleteGroup" plugins: username/password function didn't work correctly
- Updated "PurgeFile" plugin: new option to keep a specific number of files in a directory.

V5.6.4.2

- Updated "SFTPupload" plugin: fixed problem with "encoding" when "Ascii" transfer-mode was selected

V5.6.4.1

- Fixed license problem in "JSON" plugin
- Fixed problem with custom separator in "ExportXLS2CSV" plugin

V5.6.4

- New plugin "JSON" to import data from a JSON file or webpage into a recordset

V5.6.3.4

- Fixed problem with "Include Groups" in plugin "ADinfo"

V5.6.3.3

- Fixed problem with rename workflow/variables/commands
- Fixed problem that the collection of credentials was not correctly reset during reload

V5.6.3.2

- Fixed problem with using username/password in AD-plugins
- Fixed problem in SFTP-plugins that encoding was not correctly set during runtime
- Fixed problem in "Configuration Manager" that copying/moving of workflow was sometimes very slow

V5.6.3.1

- Fixed problem with editing schema properties when connected through remote-control
- Fixed problem with WEB Jobtickets when connected through remote-control

V5.6.3

- New "Network Credentials" list in "Configuration\Lists". This can be used to configure network-share credentials and/or mapped network drives which are automatically connected during startup. This means it's no longer necessary to use a startup-workflow to map all necessary network-drives. Local- and shared credentials can be configured. The shared credentials are also being connected by the remote-control daemon which allows you to setup all network credentials which are required by the remote-control daemon

V5.6.2.1

- Fixed problem that shared configuration was not saved when user is an "Administrator"

V5.6.2

- "Administrators" can now also manage shared databases
- "Export to Database" in interactive "QueryDatabase" now also works through remote-control

V5.6.1

- Fixed memory-leak in sftp plugins
- Fixed problem in "CompressFile" & "CompressDirectory": files which contained a comma (,) in the name were not added to the archive
- Changed MS-Office automation code back to standard methodology because of problems on some installations with the new method
- New plugin: "SignXML" to sign XML files using the XMLDSig standard
- New plugin: "CreateXMLenvelope" to create an XML-envelope from a file (= embed the file as base64-encoded string into an XML-file)
- All Active Directory plugins now support "Username/Password" settings to configure credentials for communicating with the AD-server
- Updated "Base64Decode" plugin: the "encoding" type of the output file can now be configured
- Fixed problem in "rsOutput2Database": data was not always correctly inserted as "NULL"

V5.6.0 (RC-level 5.6.0)

NOTE: This update will automatically update all configuration files to change all internal separator-strings to new separator-strings. This is to prevent possible corruption of the configuration files. Configuration files from v8.5.0 (and later) are not compatible with versions before 8.5.0!

- Updated "SetVariable" plugin: new "GetImageSizeX" & "GetImageSizeY" functions
- Updated "SimpleImageConvert" plugin: new options to "not resize" and/or "don't change resolution" if the size and/or resolution of the original image is smaller than the requested size and/or resolution
- Implemented new code to use MS-Office applications (used by plugins that require MS-Excel and/or MS-Word). This means it is no longer necessary to configure the path to the MS-Excel executable and this option has been removed from the Configuration Manager
- Updated "Curl" plugin: fixed problem that the data received by Curl was not being reset before each new run, so with each new run the new data was being appended to the old data
- Introduced md5-checksum-check on configuration; if the configuration has changed (by manually editing the ini-file for example) the "Configuration Manager" will display a warning message when the configuration is being loaded. Whenever a configuration-check fails, an entry is written to the "{installdir}\Integrity.log" logfile. If a daemon loads a configuration file and the check fails the daemon won't be able to start!
- Updated trigger "RSS" and plugin "ReadRSS": they can now also process Atom feeds
- Updated plugin "WriteIPTC": you can now configure the quality of the outputfile
- Updated SFTP libraries
- Added "Auto rotate" option to "SimpleImageConvert" plugin. The image will be rotated according to the "Orientation" tag and the orientation tag will be reset to match the new orientation
- Improved handling of incorrect tracelog configuration in FTP-trigger and/or FTP-plugins
- Added "WebUrlExists" operator to "OnCondition" (trigger & plugin), "DoWhile" and "IfThenElse"

- Added extra configuration options to sftp-plugins: "Key Exchange", "Encryption", "MAC" and "Public Key" algorithms can now be configured

V5.5.7.2

- Fixed problem that a text-driver database could not be opened interactively when connected through remote-control
- When saving the configuration from the "Configuration Manager" and when a daemon starts all workflows are now checked if they have an empty workflow-script (no commands). If so, the Configuration Manager will display an error-message and the daemon(s) won't be able to start

V5.5.7.1

- Updated "Excel2DB" & "ExportXLS2CSV" plugins which can now use an internal OpenOffice driver to process excel files (no MS-Excel required)
- Updated "SIE-Import" plugin: new "Type-4 Alternative DIM" option in which the highest DIM is determined by searching for the highest DIM in the TRANS records.

V5.5.7

- Fixed problem with stabletimer function in HotFolder-trigger: sometimes a "FileTimestampChanged" would be reported for a file that was actually stable
- New plugin "rsGetTables" to export all tablenamees of a database (handle) to a new recordset
- Updated "ReplaceText" plugin: new "Use Entire File" option to apply the replacement to the entire file at once as opposed to line-by-line

V5.5.6

- New "CreateSha1Hash" function in "SetVariable" plugin to create a SHA1 hash from a string. The hash can be encoded in hex, decimal or base64
- Fixed problem with the renaming of "PDF_SplitPage" to "PDF_CropPage"
- Fixed problem in FTP(S) plugins: when using the stabletimer function files were sometimes not being downloaded. Fixed problem with removing empty directories
- "FileExists" operator now supports wildcards

V5.5.5

- Fixed problem with "SetWorkflow" plugin that new settings were not always correctly applied
- Updated FTP(S) plugins: changed internal buffersize settings which results in greatly improved transfer speeds

V5.5.4

- Fixed problem in Pooling-system that sometimes not all workflows were loaded which caused the Supervisor-service to hang when this workflow was scheduled to be executed
- Fixed problem in plugin "ADmodifyUser" that password was not always changed
- Fixed problem in remote-control related to multiple users logged on to the same server
- Updated FTP-Trigger: when using ftp(s) it's now possible to create a logfile
- Updated plugin "SimpleImageConvert": added output support for the following formats: JPEG2000, ICO and PDF

V5.5.3.1

- Fixed problem in remote-control related to multiple users logged on to the same server

V5.5.3

- Pairing bugfixes
- "Cleanup Variables" is now no longer case-sensitive
- Chat now shows different users in different colors

- The statusbar of the "Configuration Manager" now shows the number of transactions of the selected daemon since it was last started
- "Test" button in triggers is now disabled when connected through remote-control (and you are not connected to the local machine)
- New debug-logging options; it's now possible to choose between "All", "System" & "Pairing" debug-logging and debug-logging is now displayed with special colours in the Monitor
- Fixed problem with copy/paste of Hotfolder-trigger: it's properties were not correctly copied

V5.5.2

- Pairing bugfix: when starting a workflow using "Run Now" this would cause pairing to stop working
- Updated plugins "CopyFile" & "MoveFile": extra option to auto-number the outputfile in case the outputfile exists

V5.5.1

- New "Encoding" setting in "rsOutput2File\Text"
- Improved Pairing-mechanism
- Remote-control will now automatically unlock hanging users (after 10 minutes)

V5.5.0.1

- The colour of the "Daemon Status" now shows which daemons are in use (only when remote-control is enabled). Orange means the daemon is in use by another user
- New chat-functionality to chat between connected users (only works when using remote-control)
- New plugin: PDFAcroFormList to save all formfields from a PDF file to a recordset

V5.5.0 (RC-level 5.5.0)

- *Remote Control now uses Windows Communication Foundation webservice for communication*

V5.4.1 (RC-level 5.4.1)

- Updated the "Manage Databases" interface. There are now (local) databases, shared databases and system databases. When upgrading, all normal databases will be imported/saved as shared databases
- Added extra "Manage Databases" privilege to remote-control accounts
- Fixed problem with "Horizontal Output" setting when using "OpenDatabase" command without a preset-database

V5.4.0.1

- Fixed problem with auto-backup

V5.4.0

- Remote-control now has "background-logging" (separate thread)
- Updated plugin "SetVariable": function "RandomKey" has new "c={charlist}" option to configure your own list of characters to use
- Fixed workflow-list contextmenu "Open Logfile"
- The menu-option "Search Workflows" had been renamed to "Find" and moved to the "Edit" menu. It's now possible to also search in the logging
- Fixed problem with option "All Instances" in "rsReport" plugin
- The Remote-Control service will now automatically start all daemon-services that are set to "Automatic" when the Remote-Control service is started. (On some servers not all daemon-services that are set to "Automatic" are actually started automatically)

- Fixed problem in "rsFileList" that the contents of the recordset were not sorted according to the HotFolder-trigger configuration
- Updated Remote-control: users that have no "Save Configuration" right and are also not an Administrator will always open daemons in "read-only" mode and will not lock the daemon for other users
- Updated (s)ftp(s) plugins: when "Retry" is greater than 0 all errors that occur before the last retry are reported as "warning" and not as "error"
- When remote-control is enabled the daemons will now automatically encrypt their configuration file in case it was not encrypted

V5.3.1 (RC Release 5.3.1)

- Fixed search-problem when connected through remote-control
- Implemented new "Manage Services" GUI. The Daemons are now displayed as icons and not as a list
- Fixed problem in "MoveFile" plugin that directories were always automatically created, regardless of the configuration of the plugin
- New "Auto Touch" option in Hotfolder-trigger. If enabled, all processed files are automatically "touched", which means the "LastWrite" timestamp of the file is updated to the current system time. This is, for instance, useful when the Hotfolder-trigger is set to "Oldest First" and there was an error processing the file. Normally the same file would be processed again first the next run, but when it's "touched" it will be put at the bottom of the filequeue
- Fixed ctrl-c, ctrl-v & ctrl-x in (shared) variable gridviews
- Plugin "PDF_Compress" no longer requires third-party software
- Upgraded internal PDF-libraries which results in significant performance increase in PDF related tasks
- Remote-control users can now change their password (if this right is enabled in the account properties)

V5.3.0 (RC Release 5.3.0.1)

- Fixed problem with active-mode in FTP plugins and FTP trigger
- It's now possible to copy&paste between the normal workflow-diagram and the "Run Script" workflow-diagram
- Improved load-balancing mechanism of "Pairing"
- Fixed problem with "Pairing" that sometimes entries in the pairing-database were not removed
- The server-time is now displayed on the statusbar of the "Configuration Manager". When you are connected to a remote-server, the time of the remote-server is displayed

V5.2.6

- Fixed some issues with FTP-trigger and FTP-plugins
- Fixed "Monitor" function in Agent WEB and added "dismiss" option to remove entries from the list
- Improved Pairing mechanism

V5.2.5.2

- Fixed problem with reports on Windows Server 2012(R2)
- Certain settings in "ADcreateUser" and "ADmodifyUser" are now optional
- The Configuration Manager will now automatically shutdown after 30 minutes of user inactivity

V5.2.5.1

- Variable <DaemonDescription> will not also work in "Partial Variable Replacement"

- Daemons will now catch unhandled-exceptions to better shutdown essential services (like Pairing) in case the program crashes

V5.2.5

- Improved validation-server options in remote-control
- Updated plugin "PDF_FillAcroForm": the option to flatten the form fields (non editable) is now optionable
- Updated FTPS plugins and trigger: when selecting a certificate all available certificates are now displayed. Before only certificates with a valid date were displayed

V5.2.4.2

- When using remote-control you can now delegate the login-verification to another remote-control server. This way you can maintain all login-accounts on one server and they don't need to be created on all servers

V5.2.4.1

- Fixed problem with database Text-driver when used through remote-control (access-control)
- Fixed problem in pooling that separator-workflows would cause the workflows not to be correctly loaded by the Supervisor

V5.2.4

- Fixed problem with 2GB+ files
- Fixed problem with triggers: internal logmessage command caused eventlog errors
- Fixed problem with copying/moving workflows to another daemon when using remote-control
- Fixed "Find" function which finds workflows in the workflow-list; workflows that were part of a subgroup were not found before
- The option to dynamically add new (shared) variables is now correctly linked to the user-rights when connected through remote-control

V5.2.3.6

- Fixed problem that "Save to Daemon" did not correctly list the daemons/pools when connected remotely
- Fixed problem that variables that were used in triggers were not identified as being used by the "Cleanup Variables" function
- Changed message that is displayed when connected to a remote-server which has a different version than the client

V5.2.3.5

- New menu-options to save the current configuration to a different daemon or pool
- An "Administrator" user can now only be connected once to a remote-server (no multi-instance)
- The shared configuration is now never saved when connected through remote-control. Only "Admin" can save the shared configuration

V5.2.3.4

- When connecting to a server through remote-control there is now a check to make sure the client is running the correct version. If not a message is displayed

V5.2.3.3

- Fixed problem with opening WEB database when using remote-control

V5.2.3.2

- Improved performance of regular-expression engine
- When logged-on using remote-control it is no longer possible to copy/move workflows to a daemon that is in use by another user
- Fixed problem with new hotfolder stabletime mechanism

V5.2.3.1

- Upgraded all assemblies to Microsoft.NET Framework 4.6.2
- Remote-control now displays a message when you are logged-on as "Admin"
- Copying/moving workflows is now disabled when you are logged-on using remote-control (to prevent data-loss due to other connected users)
- "Hotfolder"-trigger now compares the file-timestamp with the file-timestamp of the moment the file was first found. Before: this was compared to the system timestamp which could result in unpredictable results when the file was stored on a share of a server with a system time that was out-of-sync with the system-time of the server where the workflow is running.
- Fixed problem in "Pooling" that the configuration of the pool was lost when the first member-daemon of the pool was removed from the pool
- New "Tools" plugin: "Base64Encode" to base64 encode a file or string
- Fixed problem that sometimes not all variables were included when moving or copying workflows to another daemon

V5.2.3

- Upgraded all assemblies to Microsoft.NET Framework 4.6.2
- Made some improvements to some remote-control settings

V5.2.2.5

- Fixed problem in "SetVariable" plugin that "MF_Calculate" (and other) function did not work in tabs 2 to 5
- When using Remote Control: if there the connection with the remote-server is lost, you will now get an error-message and the Configuration Manager will shutdown
- Fixed problem the opening the properties of the "Query"-trigger sometimes resulted in an error

V5.2.2.4

- Fixed problem in "BackupConfig" plugin that some files were not overwritten during backup

V5.2.2.3

- Fixed problem in "ADinfo" that "LastLogin" property sometimes triggered an error
- Fixed service-refresh problem; sometimes the status of the "start/stop/restart" service toolbar button was not correctly updated
- Fixed character-encoding problem with "BackupConfig" plugin

V5.2.2.1

- Fixed problem with FTP that on some servers the check for the encoding type resulted in an error. This check is now always done after authentication
- Fixed problem with remote-control that the service-status was not always correctly displayed and services could not be (re)started

V5.2.2

- Reverted to using standard .NET Framework System.IO for all IO routines. If you need support for extended paths (over 260 chars): install .NET Framework 4.6.2

V5.2.1

- In the "Configuration Manager" it's now possible to change the layout of your workspace (dockable windows)
- Fixed problem that service-status was sometimes not correctly updated
- Fixed problem that copying/moving workflows to another daemon would sometimes cause the "Configuration Manager" to stop responding
- Fixed problem with "RunVBDotNetCode" and "RunCSharpDotNetCode" plugins

V5.2.0.3

- Fixed problem with wildcards in "CopyFile", "MoveFile" and "DeleteFile" plugins

V5.2.0.2

- Fixed problem in internal variable-interpretter which caused nested variables not to be interpreted correctly

V5.2.0.1

- Fixed problem with renaming database handles
- When you add or rename a variable it can't have the same name as an existing database-handle. Vice versa; when you add or rename a database-handle it can't have the same name as a (shared) variable
- Updated "BackupConfig" plugin: you can now optionally backup and reset the "All.log" logfile
- Updated "UpdateWebConfig" plugin: you can now optionally include disabled workflows

V5.2.0

- **Implemented new plugin architecture to improve performance and stability**
- New option in "Variables"-tab and "Shared Variables"-tab to automatically check for unused variables and delete them
- New option in "Manage Databases" to automatically check for unused databases and remove them
- Fixed problem that expand-button to open groups did not work correctly on some servers
- New "Tools" plugin: "BackupConfig". This plugin will copy the (decrypted) configuration of all daemons (including the shared configuration) to the configured directory
- New "Imaging" plugin: "OCR". This plugin will extract text from an imagefile using OCR and save the text to a variable or file.
- New "Copy to all Daemons" option in "Preset Database Properties" to copy the WEB-database to all Daemon configurations
- Improved speed of saving the configuration
- You can now make a report of the Tracking-configuration. The report will contain all relevant information (servers, daemon, workflows, etc) of the configured Flows
- With "Tracking" it is now possible to have "Reporting Only" (set per workflow) which means the Tracking-information will only be used by the reporting functionality of "Tracking"
- support for extended length paths (longer than 260 characters)
- Implemented new library to create spreadsheets (without using Microsoft Excel)
- It's now possible to autosize the workflowname column in the workflow listview
- Pairing now works for *all* workflows
- Validation-warnings that are ignored can now automatically be saved to a permanent (shared) global ignorelist. The list can be managed from the "Configuration\Lists\Validation Exception List" tab
- When a variable name is changed triggers are now also correctly updated
- When a database-handle is renamed all workflows and configurations are now automatically updated

- It's now possible to show the status of the daemons in the daemon-tabs at the bottom of the Configuration Manager

V5.1.3.1

- Updated "PDF_ExtractText" plugin. The plugin now supports OCR to extract from images that are embedded in the PDF

V5.1.3

- Updated "PDF_ExtractText" plugin. There are no longer any options on how to extract the text from a PDF file. The plugin will now automatically work for most PDF files
- Fixed problem in "Manage Databases" that the changes to the internal databases were not correctly applied

V5.1.2.3

- Fixed some issues with "Remote Control"

V5.1.2.2

- Fixed problem with "fldGroups" in plugin "ADInfo"
- Fixed problem with upgrade that databases from shared inifile were not imported

V5.1.2.1

- Fixed problem in "Remote Control" with multiple logons of the same "Administrator" account
- Updated "ADInfo" plugin: column "fldGroups" will now only be included in the recordset if "Include Groups" is enabled

V5.1.2

- "Connect Remote Server" is now always visible
- When opening an inifile, the product version of the inifile is checked. If the inifile is of a different (major) version an alert message will be shown

V5.1.1.6

- Fixed problem in "AppendFile" plugin

V5.1.1.5

- Fixed problem with <ParentWorkflow> variable

V5.1.1.4

- Fixed "Value cannot be null" problem in "SetVariable" plugin

V5.1.1.3

- Fixed "Value cannot be null" problem in "Excel2DB" plugin

V5.1.1.2

- Fixed problem that "<RS:...>" variables were not working correctly in "SetVariable" plugin
- Warning message ">>> WARNING: RecordSet [{handle}] contains no data (numrec=0)!" will no longer be displayed

V5.1.1.1

- Fixed problem in "Text" database-driver that value columns which had leading spaces resulted in an error

V5.1.1

- Fixed ">>> ERROR in UpdateStatistics: Object reference not set to an instance of an object." problem
- Fixed problem that "ActiveDirectory" plugin was not registered

V5.1.0

- **Upgraded assemblies to .NET Framework 4.5.2**
- Updated Oracle driver to v4.121.2.0
- Update MySQL driver to v6.9.8.0

V5.0.9

- New "Move to last position" option in "rsMoveTo" plugin
- Fixed problem in "MailOnServer" trigger and "POPReceiveMail" & "IMAPReceiveMail" plugins that the "Subject" filter would automatically be reset to "." When the filter was set to be empty
- Fixed problem in "ADmodifyUser" plugin that the 2008/2012 setting was not correctly used
- New "Type-1" encoding setting in "HMACsign" plugin
- Fixed problem in "Configuration Manager" that database-list in "Manage Databases" window didn't scale properly

V5.0.8

- Fixed problem that subgroups were not correctly saved

V5.0.7

- Fixed problem that excel files couldn't be imported in "Excel2DB" plugin
- Fixed "Import" function; you can now manually import an Agent v4 configuration
- Updated "MailOnServer" trigger and "IMAPReceiveMail" & "POPReceiveMail" plugins; implemented new IMAP and POP libraries. Among other improvements, TNEF encoded attachments (from MS-Outlook) are now correctly decoded

V5.0.6

important: *because this update includes a change to the remote-control functionality; all computers that connect to a server that runs v5.0.6 or later must also upgrade to v5.0.6 or later*

- Fixed problem that errorflag wasn't properly set with "Background Logging" enabled
- Fixed problem in "XMLupdate" plugin that caused XML sourcefile to remain open and locked
- Updated "IMAPReceiveMail" plugin and "MailOnServer" trigger; it's now possible to retrieve the mailbox list from the server to set the correct mailbox
- When logging on as an "Administrator" user (remote control) you now also get a message when you try to open a daemon or pool that is in use by another user
- Updated Excel related functionality to prevent problems caused by different MS-Office versions

V5.0.5.4

- Fixed missing "fldGroups" column in "ADinfo" plugin

V5.0.5.3

- Added "Delete" option to "ManageExchangeMailbox" plugin

V5.0.5.2

- Fixed refresh problem in "Manage Services"

V5.0.5.1

- You can now configure the identity (logon account) of the Daemon-services during installation
- Fixed problem of locked file(s) during upgrade

V5.0.5

- Fixed problem with triggers that was introduced in v5.0.4.1
- During upgrading you may now also select the "Config" folder

V5.0.4.1

- "Background Logging" can now be set per daemon and is enabled by default

V5.0.4

- "Background Logging" is now optional
- Improved performance of background tasks in Configuration Manager

V5.0.3.1

- Updated internal logging & pooling routines
- Introduced multi-threading for handling all logging. This results in a 50%+ performance increase for most workflows

V5.0.3

- Changed logging filenames back to V4-style

V5.0.2.4

- Fixed problem that <ParentWorkflowLog> variable pointed to the wrong logfile

V5.0.2.3

- Fixed problem in copy/move workflows functionality

V5.0.2.2

- Implemented "background workers" in "Configuration Manager" to manage the processing of logging and (daemon) statusinfo. This greatly increases the speed/responsiveness of the UI of the "Configuration Manager"
- Fixed problem with "On Error Workflow"
- "rsOutput2File" now has "Auto Create Directories" option

V5.0.2.1

- Added "Format XML" option to XML output in rsOutput2File
- Side Daemon-status statusbar now also show when daemons are active
- Fixed problem with filenames in "WebDownload" plugin

V5.0.2.0

- New "Daemon Status" statusbar at the right side of the Configuration Manager
- Fixed some issues with "daemon pooling"

V5.0.1.7

- Implemented new (faster) HTML render-engine for log-monitor
- Fixed some issues with pooling

V5.0.1.6

- Updated "ReplaceText" plugin: you can now configure the "encoding" for the inputfile

- Updated "rsOutput2File"; when exporting to XML using the SQLserver option the XML-file is now correctly UTF-8 encoded

V5.0.1.5

- Added some extra safeguards to make sure ini-files are saved correctly

V5.0.1.4

- Fixed problem with processing of variables in "SetVariable" plugin
- Fixed/updated copying/moving of workflows to another daemon
- Updated "SetVariable" plugin: added "browse for folder" and "browse for file" buttons

V5.0.1.3

- Fixed a problem with refreshing the daemon-service-status when logged-on through remote-control

V5.0.1.2

- New "SetExcelSheetValue" function in "SetVariable" plugin. If update was successful the function returns "1", otherwise "0"
- Updated "Validate" function; triggers are now also correctly validated
- When connected to a remote-server and you have "Administrator" rights you can now run interactive queries

V5.0.1.1

- Remote Control accounts now have an "Administrator" option
- When logged-on to a local server the daemons will not be displayed as "R#01, etc"

What's New in V5:

- Daemon Pooling: group one or more daemons into a "pool" and the supervisor service will automatically assign the workflows to the available daemons (during runtime). This ensures better utilization of the daemons and gives far better performance
- the "Pairing" mechanism now does full loadbalancing on hotfolder workflows, meaning that when a hotfolder workflow is paired the available files in the hotfolder will be processed simultaneously by the member servers
- workflows can now be grouped in "Groups" and "Subgroups"
- new workflow list interface
- "Shared" workflows are now always listed in the "Shared" group
- new "Find" feature to quickly find workflows in the list
- implemented new visual style and updated a lot of interface controls
- improved logging "Monitor". Among other changes you can now directly select the logging of other important services, like "Supervisor", "Remote Control", "Web Daemon" etc.
- main interface font can now be configured in "Configuration\Advanced\Interface"
- you can now "Validate" individual workflows, or the selected workflows
- when copying or moving workflows to another daemon, the variables that are used by the workflow are also copied to the other daemon
- new "PDFpublish" plugin to create an online flipbook from a PDF file (requires this-party application)
- new "XMLupdate" plugin which uses Xpath queries to update the contents of an XML file
- in the "SetVariable" plugin you can now use the updated value of a variable set in "Variable-n" in the next variable(s): "Variable-n+1", etc.
- new "GetXPathData" function in "SetVariable" to directly read a value from an XML file into a variable using Xpath
- textfile related plugins now all have an "Encoding" configuration setting to set the encoding of the file. Some of the options have the "NoBOM" addition which means "No Byte Order Mark"
- it's now possible to add new (shared) variables directly from the "context popupmenu"
- when you try to update the value of a read-only variable this now causes an error (triggering "ErrorAction")
- new "LastDayInMonth" and "DaysInMonth" functions in "SetVariable"
- implemented new ftp-libraries
- "Access Control" now supports more "User Rights" and it's possible to configure if an account is allowed to login more then once ("Allow Multiple Instances"). The "Show Users" interface can be used to show the connected users and to "unlock" them if necessary
- You can now configure which assemblies (DLL's) can be used by the "RunCSharpDotNetCode" and "RunVBDotNetCode" plugins in the "{installdir}\Tools\runcscript.ref" file