

Release notes for StationWare 4.2.A

Converter	Release notes
Converter for ZIV xml files	Added new import/export converter for ZIV xml files.
Restructuring of the converter dll	Restructured the converters: Separate folder for each converter including the corresponding assemblies and additional data files.
Import works improper for old converters	Fixed importing settings files for - 'SETTINGS', 'Alstom' - '!ReydispEvolution', 'Reyrolle' - 'AcSELerator', 'SEL' - 'DIGSI4.4', 'Siemens'
Generic Nulec settings import fails	Fixed settings import for 'NULEC 4.4 SOS File Format - Generic Interface'
Some converters are not available	Fixed the availability of the following converters: 'Eberle WinTM', 'Eberle Toolbox' and 'SEL-5010'.
Import problems with 'SEL-5010' converter	For the 'SEL-5010' converter groups 'X' and 'Y' are now treated separately.
Remove converter 'MiComPx4x'	Removed the deprecated converter 'MiComPx4x'.

Enhancements	Release notes
LDAP and Active Directory support	Added authentication using windows accounts for the local machine, Active Directory Lightweight Directory Services (AD LDS), and Active Directory Domain Services (AD DS).
Create a separate process to update StationWare	Overhauled the way StationWare is updated by providing a separate update tool.
Upgrade to .NET 4	StationWare was upgraded to use .NET Framework 4
Update manuals	Updated the installation manual and update manual.
Reorganize web.config	Reorganized web.config
Add boolean additional attributes	Added boolean additional attributes.
Display detailed information for backup copies	Detailed information for backup copies in the 'Compare' menu, like 'backed up from 'settings'', description (containing creation date and transition), and created by."Created by" attribute is displayed for settings.
Category of device type should be visible in the library	Device type folders in the library now contain the device type category in the folder name.
Display types of tabbed additional attributes in Edit mode	Display custom error message for tabbed additional attributes with the required type as used for non-tabbed additional attributes.
The page size for the "Change status" function, (status_change.aspx), is larger than the window size.	Error message for the 'change status' window is now displayed at the top of the page.
Sorting for the table of lifecycle phases	Lifecycle phase table is now sortable. Added new service method 'LifecycleGetPhases', set 'LifecycleGetList' to deprecated.
Move mail config to its own section	Moved mail configuration in the web.config file to its own section.
Default value 'NULL' for real and integer additional attributes	Numeric custom attributes tabbed and non-tabbed are now supporting 'NULL' values represented by the empty string.
Remove creation of default task when creating a process	Removed creation of a default task when creating a process.

Change document category	<p>Added functionality to change document categories.</p> <p>Created new service methods:</p> <ul style="list-style-type: none"> - 'AdditionalDocumentCreate' - 'AdditionalDocumentEdit' - 'DeviceTypeCreateDocument' - 'DocumentAddVersion' - 'DocumentEditVersionDescription' - 'DocumentGet' - 'DocumentGetAllCategories' - 'DocumentGetContent' - 'DocumentGetContentByVersion' - 'DocumentGetDocumentByVersion' - 'DocumentReplaceLastVersion' - 'LibraryDocumentCreate' - 'LibraryDocumentEdit' - 'SettingsDocumentCreate' - 'SettingsDocumentEdit' <p>Set legacy service methods to deprecated:</p> <ul style="list-style-type: none"> - 'DeviceTypeAddDocument' - 'FileGetContent' - 'ObjectAddDocument' - 'SettingsAddSettingsDocument'
Renaming of users and user groups	Added functionality to rename users and user groups.
Renaming and deletion of Manufacturers	Added functionality to rename, delete and merge manufacturers.
Add Russian localization	Added Russian localization.
Add functionality to python scripting service	Added service methods for python scripting: 'GetObjectInstances', 'SetForeignKeys', 'SetAttributeValuesForObjects', 'CreateProfile'.
Add service methods 'Detach' and 'Reattach'	Added service methods 'ObjectsDetach', 'ObjectsReattach', 'ObjectsAreDetached', 'ObjectsAreTemplates'.
Service methods for processes/tasks required	<p>Added service methods 'ProcessCreate', 'ProcessCreateFromTemplate', 'ProcessTypeCreate', 'TaskCreate', 'TaskCreateFromTemplate', 'TaskNameExists', 'TaskChangeLifecycleStatus', 'SettingsChangeLifecycleStatus', 'LifecycleTransitionGetCheckMarks', 'LifecyclePhaseGetFollowingHistoricPhases', 'LifecyclePhaseGetUnauthorizedFollowingHistoricPhaseNames'.</p> <p>Added email section to 'Service.Web.Service/Web.config'.</p>
Allow documents without document category	Allow documents without document category.
Compare to backup copies of settings required	Comparison of backup copies and settings is now supported.
Create batch to use SQL server mode for updating databases	Created a database update script for MS SQL that allows SQL server mode authentication.
Convert methods "compare settings group" and "copy settings group values" to actions	Methods for copying and comparing settings groups are now available as actions. Can now compare settings and settings groups to device templates and settings templates.

Renaming of Usages	Renaming of usages in the corresponding menu of the administration page is now possible.
Audit Trail: Record changes for locations and settings	Settings attributes are now logged independent of the current lifecycle phase to the audit trail. Location attributes are also logged.
Tab "Assigned Processes" required	Tab 'Assigned processes' for devices and 'Assigned tasks' for devices and settings implemented.
Set rights for new library folders	When a device type or manufacturer folder is created in the library it will get the access rights of its parent folder.
Foreign Key as unique object ID needed	Added foreign key functionality for objects.
Remove redundant setup locations	Added new license manager and database upgrade scripts.

Bugfixes	Release notes
Description for additional attribute containers missing in 4.0.a	Added a description field to custom attribute containers. Provided service methods for custom attributes: 'ContainsTab', 'GetTabNames', 'IsNonTabbedCustomAttribute', 'IsCustomAttributeContainer', 'GetAttributeDefinitionIds', 'CreateCustomAttributeContainer', 'GetAttributeValuesByTabName', 'IsReadOnlyAttributeContainer', 'GetCustomAttributeContainer', 'SetCustomAttributeContainer'
Process transition: 'Send email' option is not working in the lifecycle phase change menu	Added mail transition for tasks on status change
Audit Trail not working correctly for processes/tasks	All attributes are stored independent from the phase type for processes/tasks in the audit trail.
Data missing in Audit trail of processes	Changes of notes and links are now displayed in the audit trail of processes.
Process/Task: Additional Documents are not displayed in Audit Trail	Fixed audit for additional documents of processes/tasks.
Selection of location types with 'Select all' fails	Fixed 'check all' and 'uncheck all' buttons for location types and users.
Config entry 'AutoWildcards' for simple search does not work	Fixed configuration 'AutoWildcards' for the simple search.
Configuration of 'Allow empty password' not working	Fixed configuration 'AllowEmptyPasswords' to allow empty passwords
Cannot create external links for library folders	Fixed creation of external links for library folders.
Can not detach process	Fixed detaching of processes.
Can assign the same device/setting multiple times	Fixed multiple assignment of devices/settings.
Reassignment of attributes fails	Fixed reassignment of attributes in tasks.
Fix authorization checks	Fixed some authorization checks
Python report "Audit Trail" not working	Updated the python report 'Audit Trail'.
Some reports do not work	Fixed some bugs for reports.
Range helper not working for task/process templates	Fixed the availability of the range helper for process/task templates.
Fulltext search does not search in built-in subfolders	Full-text search performs search in current folder and all subfolders (built-in folder and user created folder).

Fulltext search does not work with Oracle database	Full-text search works now with Oracle Express databases.
Fulltext search does not index specific pdf file / task gets stuck indefinitely	Full-text search: Fixed indexing issues of specific PDF files
Audit Trails of substations (revision number changes) are not migrated	Fixed migration of location audit trails when updating from 3.6.C to 4.0.A.
Can assign device/setting to applied/historic task	It is no longer possible to assign a device/setting to an applied/historic task.
Can copy settings groups to an applied/historic setting	It is no longer possible to copy settings values into an 'Applied' or 'Historic' settings record.
Special characters are not properly displayed in the lifecycle graph	Non-ASCII characters are now escaped correctly in the lifecycle graph.
Add service method 'LegacySettingsGroupSetSettingsValues' for PowerFactory	Renamed service method 'SettingsGroupSetSettingsValues' to 'SettingsGroupSetPropertyValues'. Added new service method 'SettingsGroupSetSettingsValues'.
Renaming of device lifecycle phases result in error message: Parameter [aContent] must not be (null)	Renaming of lifecycle phases fixed.
Document versions list does not display the correct description	Separate document description and document version description for the different kind of documents, like additional documents, settings documents, library documents.
Advanced search report yields only up to 50 results	Specification of the maximum number of search results possible.
Can set next phase for backup phase	The backup phase can not have any following phase.
"Compare settings group to another device" lists too many settings views	When comparing settings groups to another device or to a settings group of the same device, only these settings views for a setting are displayed that are currently valid for this setting (matching usage and firmware/subversion) .