ActiveControl - Release Notes

7.2 — Last update: 2018/06/14

Basis Technologies

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1. Introduction

ActiveControl is comprised of the following modules. Please note that these will be referred to throughout the documentation as the relevant product features can be associated to one or more of these modules:

- **Transport Expresso** – Core transport and change management module where transports, tasks, workflows, approvals, testing, imports and notifications occur
- **ShiftLeft** – Automated analysis process to check changes and transports for things like sequencing, completeness, risks, issues, dependencies, impacts and quality
- **DevAnalytics** – A set of KPIs and metrics to delivers deep insight into the performance of the SAP development and change process. Key metrics report on Velocity, Cycle Times, Rework & Waste, Work in progress and Approval times
- **DevMax** – Management of multi-track development processes enabling dynamic conflict detection and automated merge & retrotfit

ActiveControl 7.20 was released in June 2018. This is a relatively small Major Release that was required to deliver some specific Enhancements for a particular customer.

These 7.10 Release Notes provide a combined overview of the new functionality rolled out since ActiveControl 7.10.

Previous releases of ActiveControl, Transport Expresso and Transport Express are detailed in separate Release Notes:

- ActiveControl 7.1 *(released April 2018)*
- ActiveControl 7.0 *(released August 2017)*
- Transport Expresso 6.20 *(released May 2016)*
- Transport Expresso 6.10 *(released June 2015)*
- Transport Expresso 6.00 *(released February 2015)*
- Transport Express 5.30 *(released September 2014)*
- Transport Express 5.20 *(released March 2014)*
- Transport Express 5.1n *(released 2013)*
- Transport Express 5.00 *(released 2012)*

2. SAP Certification

ActiveControl Transport Expresso is a SAP certified product:

• Certified for integration with SAP NetWeaver 7.01 via the SAP integration scenario ABAP Add-On Deployment for SAP NetWeaver (SAP report 36110100)
• Certified for integration with SAP NetWeaver 7.31 via the SAP integration scenario ABAP Add-On Deployment for SAP NetWeaver (SAP report 36110103)
• Certified for integration with SAP NetWeaver 7.40 oH via the SAP integration scenario ABAP Add-On Deployment on HANA for SAP NetWeaver (SAP report 3611086)
• Integration with SAP Transport Management System
• SAP Solution Manager Ready functionality

All ActiveControl SAP components exist within Basis Technologies' own namespace /BTI

3. ActiveControl 7.20

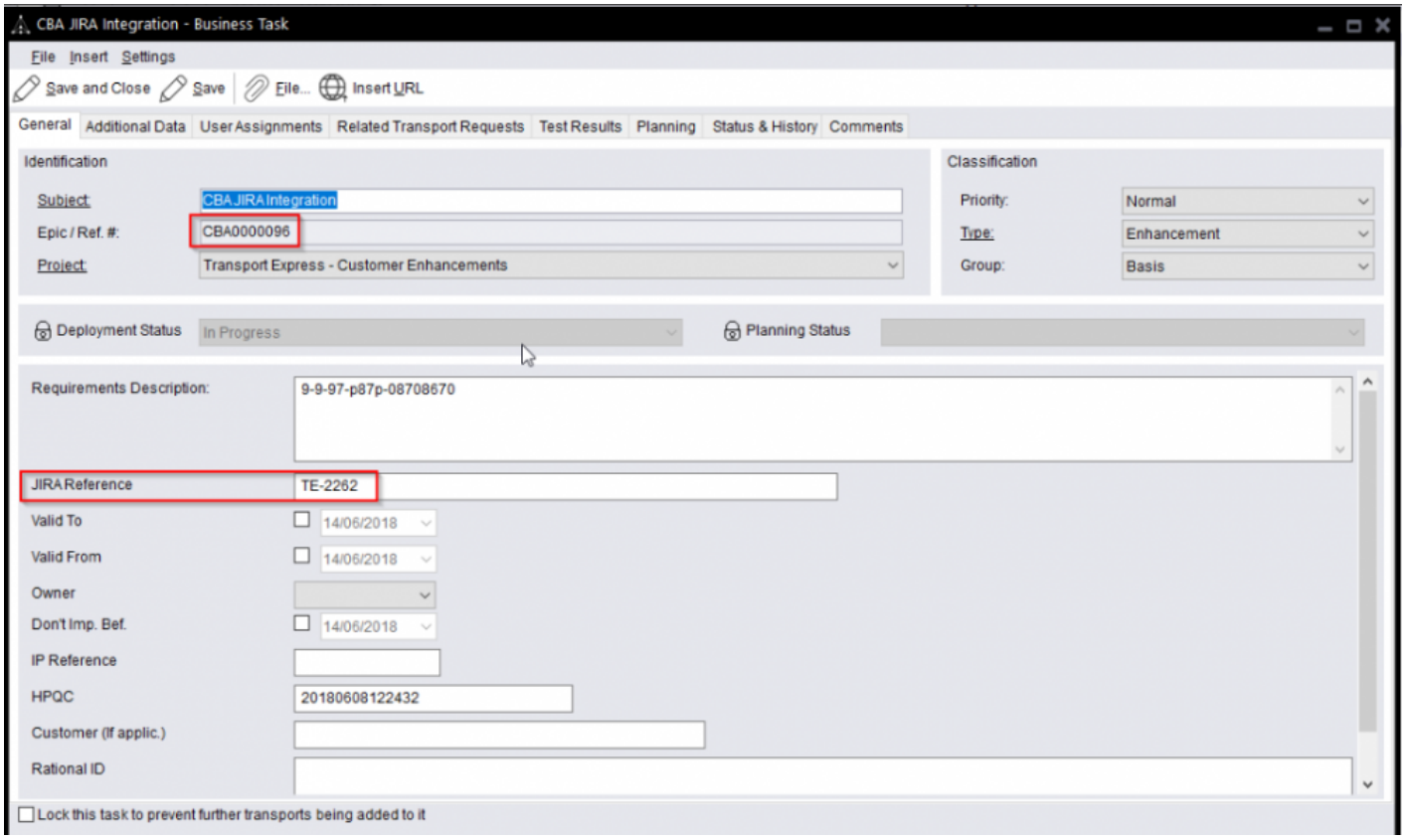
3.1. Ability to integrate JIRA based on a ‘custom’ field identifier.

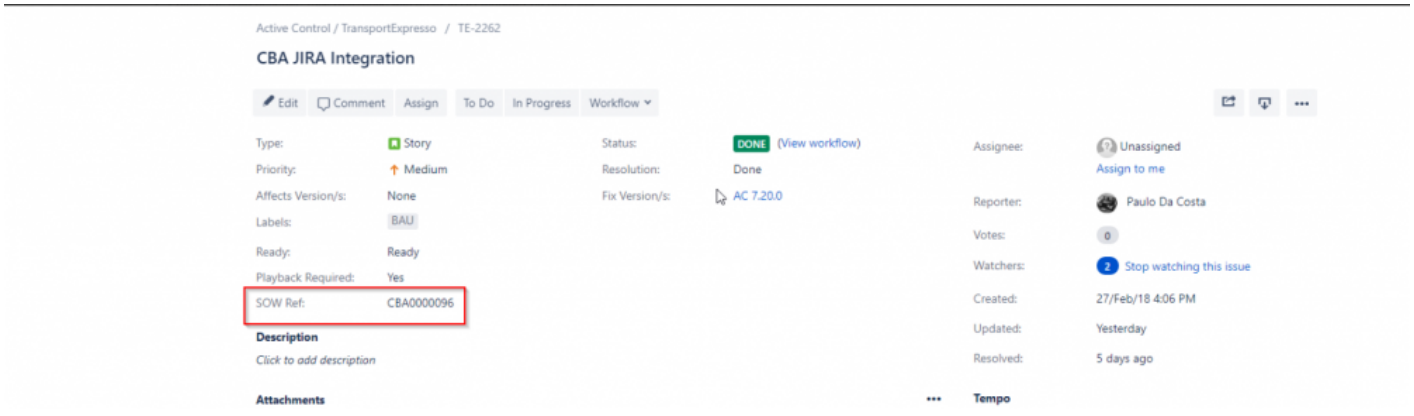
Prior to ActiveControl 7.20, the Integration Framework facilitated integration only when the 3rd Party ticketing tool identifier was stored in the Business Task ‘Reference’ field.

Some customers now prefer to use ActiveControl auto-generation of Task References, and store the 3rd Party identifier in a seperate ‘custom’ field.

ActiveControl 7.20 provides this capability.

After setting up the Configuration detailed below, when the standard /BTI/TE_INTEG_POLL program is run for a particular sequence and Ext System Number, a Business Task should be created, with the custom JIRA Reference field populated with the corresponding JIRA ticket number.


CBA JIRA Integration - Business Task
File Insert Settings
Save and Close Save File... Insert URL
General Additional Data User Assignments Related Transport Requests Test Results Planning Status & History Comments
Identification
Subject: CBA JIRA Integration
Epic / Ref. #: CBA0000096
Project: Transport Express - Customer Enhancements
Classification
Priority: Normal
Type: Enhancement
Group: Basis
Deployment Status In Progress
Planning Status
Requirements Description: 9-9-97-p87p-08708670
JIRA Reference TE-2262
Valid To 14/06/2018
Valid From 14/06/2018
Owner
Don't Imp. Bef. 14/06/2018
IP Reference
HPQC 20180608122432
Customer (If applic.)
Rational ID
Lock this task to prevent further transports being added to it


Active Control / TransportExpresso / TE-2262
CBA JIRA Integration
Edit Comment Assign To Do In Progress Workflow
Type: Story
Priority: Medium
Affects Version/s: None
Labels: BAU
Ready: Ready
Playback Required: Yes
SOW Ref: CBA0000096
Description
Click to add description
Attachments
Status: DONE (View workflow)
Resolution: Done
Fix Version/s: AC 7.20.0
Assignee: Unassigned
Assign to me
Reporter: Paulo Da Costa
Votes: 0
Watchers: 2 Stop watching this issue
Created: 27/Feb/18 4:06 PM
Updated: Yesterday
Resolved: 5 days ago
Tempo

Pre-requisites

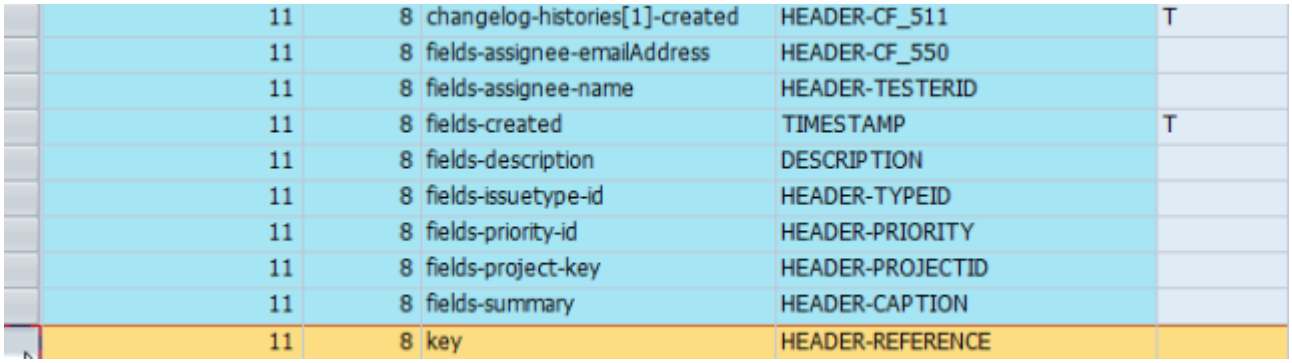
1) A working ActiveControl integration with other supported 3rd Party system.

Configuration Steps

1) Enable the auto-generate Task Reference with prefix via the ActiveControl Windows GUI configuration (Other tab)

2) Add the user exit Z_VV_DUMMY_TEST_0040 into table /BTI/TE_EXITC in the Domain Controller.

3) In table /BTI/TE_INT_POLF ion the Domain Controller, replace Key= Header-Reference with Key= EXTERNALID



11	8	changelog-histories[1]-created	HEADER-CF_511	T
11	8	fields-assignee-emailAddress	HEADER-CF_550	
11	8	fields-assignee-name	HEADER-TESTERID	
11	8	fields-created	TIMESTAMP	T
11	8	fields-description	DESCRIPTION	
11	8	fields-issuetype-id	HEADER-TYPEID	
11	8	fields-priority-id	HEADER-PRIORITY	
11	8	fields-project-key	HEADER-PROJECTID	
11	8	fields-summary	HEADER-CAPTION	
11	8	key	HEADER-REFERENCE	

Other Notes

(i) The new Jira Reference custom field is not a standard custom field. The new field will only be present on a Business Task if the relevant configuration is set.

(ii) Both the Jira Reference field and the _BT auto-generated number fields are non-user editable.

3.2. ShiftLeft Analysers (7.20)

3.2.1. Enhanced (0009) ShiftLeft: Check Releasibility analyser

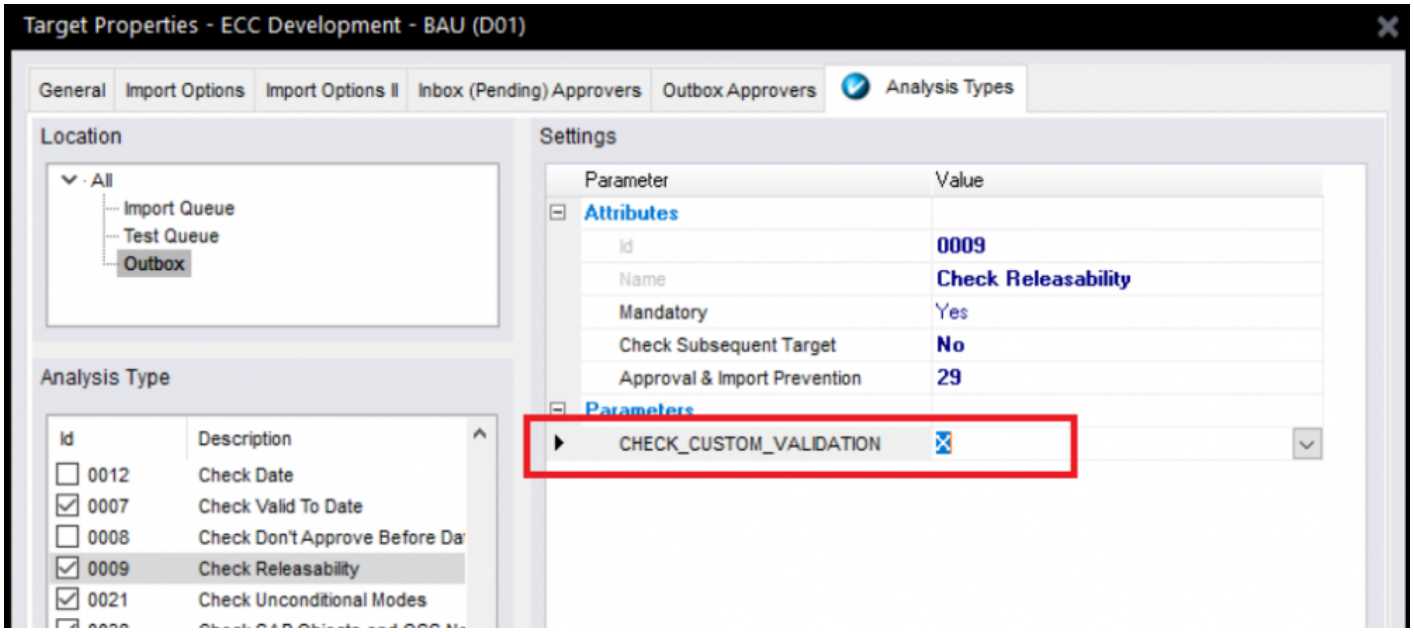
ShiftLeft: Check Releasibility (0009) analyser has been enhanced to now present warnings for releasibility issues in BW / BPC transports.

This has been added to reduce the risk of transports not being able to be auto-released as part of the Approval process – and reaching the Import Queue in a non-released state.

In the event of such warnings, a message will be presented to the Approver to attempt release directly in the SAP system (as more information will be available on the releasibility issue within the SAPGUI)

Configuration Steps

This is done by switching on a new parameter in the existing Analyser configuration.



3.2.2. Enhanced (0035) Conflict Analysis

Prior to ActiveControl 7.2 – Conflict Analysis provided spurious results in the scenario where there were multiple objects in the transport being analysed.

This happened as a result of the Conflict Analysis exploding out the objects on both the Source and Target landscape. If there was an R3TR PROG in the transport, the Conflict Analysis would explode this out to LIMU objects.
As a result, if there were transports containing R3TR PROG in both systems, then the conflict analysis actually displayed a conflict against each of the objects.

ActiveControl 7.2 enhances the Conflict Analysis to remove any conflict lines that are not an actual object in either the source or target transports.

Configuration Steps

None

3.3. Integration Framework (7.2)

3.3.1. Microsoft Team Foundation Server (TFS) integration

ActiveControl 7.2 introduces a Microsoft TFS integration developed for an existing customer.

This integration builds on the existing out-of-the-box ActiveControl Integration Framework to create and update Business Tasks in ActiveControl when the corresponding TFS ticket reaches appropriate status.

Configuration Steps

This is detailed in seperate Integration documentation, and is available from Basis Technologies on request.

3.3.2. SAP ChaRM integration

ActiveControl 7.2 includes a ChaRM integration that was developed for an existing customer that wanted to continue using their productive ChaRM setup – whilst also benefiting from various ActiveControl functionalities such as DevMax Merge (because they had issues with ChaRM Retrofit in the past) and the extensive suite of ShiftLeft analysis checks and other reasons.

The ChaRM integration covers five main requirements – essentially delivering an integration of both Business Task and Transport Form level items.

(1) Business Task Creation
ActiveControl will automatically create a Business Task at the point a ChaRM Change Request reaches a certain (configurable) status. This will involve values in both standard and customer BT fields.

(2) Transport Form Creation
ActiveControl will automatically create a Transport Form for every new SAP transport created in certain (configurable) Development systems. The Transport Form will be created as soon as SAP transport first created by ChaRM. Only Workbench and Customising transports should have a TF created for them. All Transport of Copies created by ChaRM, and all Merge TOCs created by Transport Expresso should not have a TF created for them by this new automation. The Transport Form will be automatically linked to the appropriate Business Task.

(3) Business Task Updates
Updates in Solman/ChaRM to certain fields of a a particular CR will be reflected in the corresponding Business Task.

(4) Transport From Updates
Updates in Solman/ChaRM to certain fields of a Change Document will be reflected in the corresponding Business Task.

(5) Transport Decoupling
If a Transport is “decoupled” from its ChaRM CR – it will be assigned to a single (configurable) Business Task within ActiveControl.

Configuration Steps

This is detailed in seperate ChaRM Integration Administration Guide, which is available from Basis Technologies on request.

3.4. Minor Enhancements (7.20)

3.4.1. Enhanced User Exit 0100 sample code

0100 User Exit sample code has been enhanced to make it easier to exclude non-ActiveControl users.

This has been done to help speed up the performance of the Web UI (by avoiding non-relevant users being processed when some of the screens are initially loaded).

Basis Technologies Development team had to write such User Exit code for several customers over the last year, so have updated the sample code to help our customers (and BTI delivery consultants) to be more self-sufficient.

Configuration Steps

This user exit is called /BTI/TE_EXIT_SAMPLE_0100 and needs to be added via the /BTI/TE_EXITC table in the Domain Controller system via the usual process.

3.4.2. Adjust order of values in list/combo custom fields

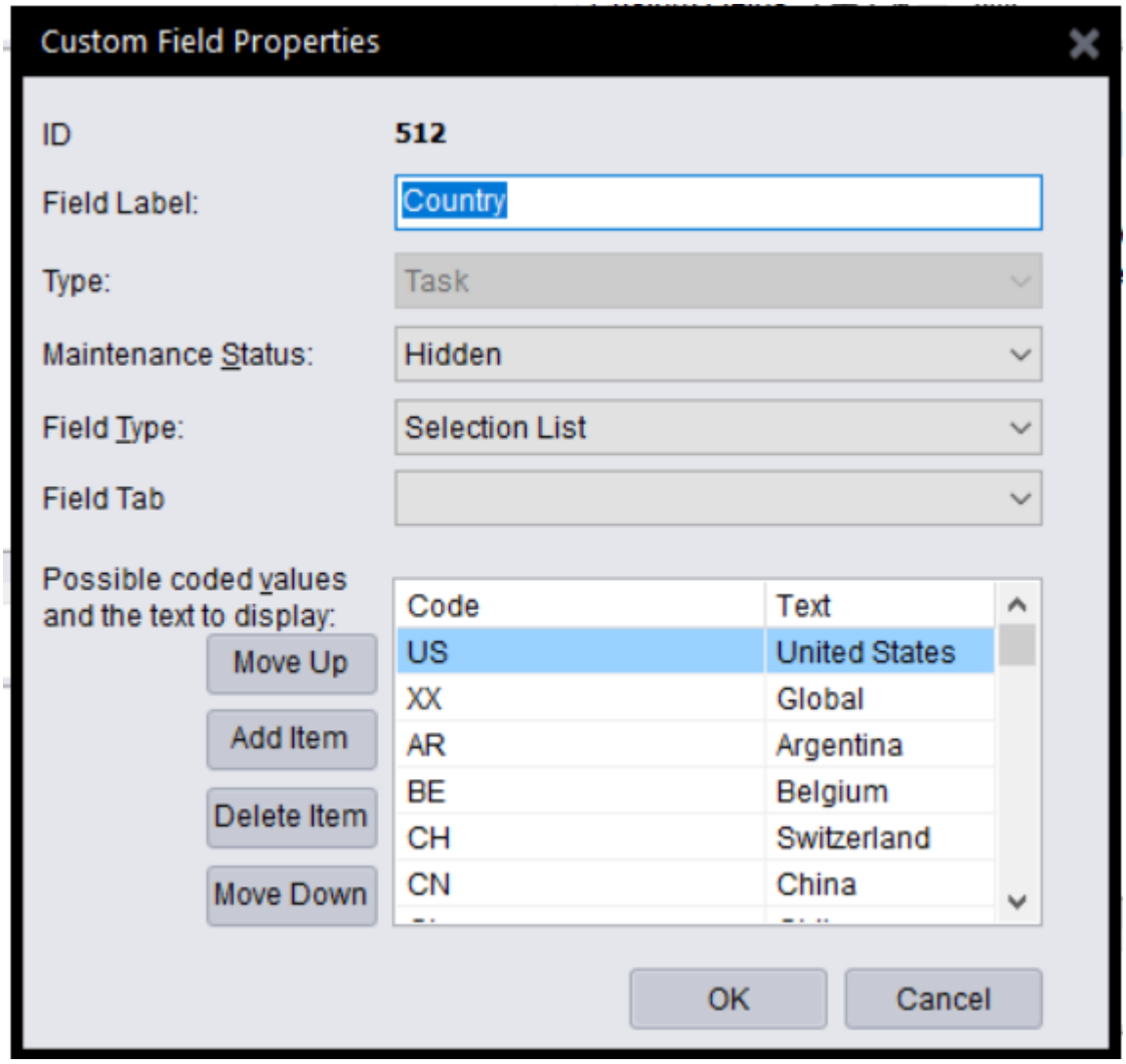
ActiveControl 7.2 introduces the ability for AC Administrators to adjust the order of values in list/combo custom fields.

This is to address the issue whereby customers create fields with lots of values, not realising that this is the order that they are presented on the screen to the user.

New buttons are available in the Custom Field properties screen to allow Administrators to do the ‘Move Up’ and ‘Move Down’.

It is also possible to do ‘Add Item’ and ‘Delete Item’ to avoid the need to use the Insert and Delete keys on computer as was always required in previous versions of ActiveControl.

Note that it is also possible to alphabetically sort the list by clicking on either of the column headers.


Custom Field Properties
ID
512
Field Label:
Country
Type:
Task
Maintenance Status:
Hidden
Field Type:
Selection List
Field Tab
Possible coded values and the text to display:
Move Up
Add Item
Delete Item
Move Down
Code
Text
US
United States
XX
Global
AR
Argentina
BE
Belgium
CH
Switzerland
CN
China
OK
Cancel

4. Bug Fixes (7.2)0

The following bugs have been addressed since ActiveControl 7.10

Please note that this is not an exhaustive list of bug fixes, it is purely intended as a summary of the main issues reported by existing customers in the most commonly used areas of the tool.

Active Control Functionality	**Bug that has been fixed**
Manual Steps	**Manual Steps in WIN GUI are being erased when a transport form is created in WEB UI and saved.** (1)
Reporting	Issue with Task Status Report not showing Tasks without status
Reporting	Errors in Build List report for estimated times.
Virtual Targets	Issue with not being able to reject back to previous Control Points properly.
Virtual Targets	Control point skipping doesn't take virtual targets into account.
Web UI	Issue with newly added Manual Steps not having all systems checked by default in the Web UI)
ShiftLeft Analysers	(0009) Check Releasability doesn't work for BW objects
Windows GUI	GUI crashes when trying to Locate Transport with custom Group By active.

Notes

(1) This bug was introduced in ActiveControl 7.02. A fix was sent out to all affected customers in May 2018.