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## **1. Introduction**

ActiveControl 8.0 will be released in May 2019, and is the first version to reflect the new Basis Technologies branding and product naming.

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

- <u>ActiveControl 7.2</u> (released June 2018)
- <u>ActiveControl 7.1</u> (released April 2018)
- <u>ActiveControl 7.0</u> (released August 2017)
- <u>Transport Expresso 6.20</u> (released May 2016)
- Transport Expresso 6.10 (released June 2015)
- <u>Transport Expresso 6.00</u> (released February 2015)
- <u>Transport Express 5.30</u> (released September 2014)
- <u>Transport Express 5.20</u> (released March 2014)
- <u>Transport Express 5.1n</u> (released 2013)
- Transport Express 5.00 (released 2012)

## 2. SAP Certification

ActiveControl is a SAP certified solution:

- Certified for deployment on SAP NetWeaver 7.50 via the SAP integration scenario ABAP Add-On Deployment for SAP NetWeaver (SAP report 12648)
- Certified for deployment on SAP S/4HANA 1809 via the SAP integration scenario ABAP Add-On Deployment for SAP S/4HANA (SAP report 12658)
- SAP Solution Manager Ready functionality

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

## 3. ActiveControl 8.0

## 3.1. Enhanced Web UI

Basis Technologies continue to enhance the Web UI to enable functionality that was previously only available via the Windows GUI. On the back of feedback from existing customers that prefer to minimise the deployment of the Windows GUI to their internal and external user community, the following functionality is now available in the Web UI:

- Maintain Transport Dependencies
- Add to Import Queue
- View Historical Analysis Results
- Add External Transports

## 3.1.1. Transport Dependencies in Web UI

ActiveControl 8.0 adds the ability to maintain Transport Dependencies in the Web UI. As in the SAPGUI and Windows GUI screens, Dependencies are set via the Advanced Options tab of the Transport Form

Save	Properties of request. D01K939519				
Cancel	General Transport request detaits Transport	isport status and history Advanced	options Manual steps Attachments		
	Dependencies	sport status and history Advanced	opuons manuai steps Attacriments		
	This transport request should not be imp	orted until all of the transport reque	sts listed below have been imported.		
	Request ID		Description		Add
	D01K939519		CRQ039430 - New Work Se	hedule Rule	Remove
		Please select a depender	nt transport	×	

Figure: Dependencies can now be set in the Web UI

## 3.1.2. Add to Import Queue in Web UI

ActiveControl 8.0 adds the "Add to Import Queue" functionality that was previously only available in the Windows GUI.

This has been added at customer request to allow users that do not have the WIndows GUI – to be able to reapply transports into systems. One particular use-case is for BW teams that quite often have to re-import transports due to 'expected' RC8s.

To use the Add to Import Queue functionality in the Web UI requires the same authorisations as in the Windows GUI.

	ActiveControl	) Dashboar	nd Overvie		Search	٩	Change & Release N	fanager   Edit det	Ross ails   Delegate approvals   H	McLanacha ielp   Log o	
a 0	Show transport form Create transport request	ο	Request Id	Description	Location	Owner	Group	Туре	Release Date/Time	# Obje /# Keys	Confli / SCI / Risk Status
6	Create transport form	<b>S</b>	D01K907	CRQ000555 - SD - German Billing Program Enhancement for Q3	ECC BAU / Production Support: ECC Test - BAU - Test Queue	RMCLANAC	SD (SCM)	Workben	18.06.2013 12:05:10	1/0	<b>@</b> ₽
	Show transport properties		D01K907	CRQ000555 - SD - Billing Document changes	ECC BAU / Production Support: ECC Test - BAU - Test Queue	JROBERTS	SD (SCM)	Workben	18.06.2013 12:06:37	0/0	©₽
9 <b>9</b>	Delete transport Lock Unlock	□ ⊕	D01K907	CRQ000555 - SD Billing Enhancement - Table View Changes	ECC BAU / Production Support: ECC Test - BAU - Test Queue	JBARTER	SD (SCM)	Workben	18.06.2013 12:07:49	0/0	ф
l <sub>©</sub>	Add to import queue Refresh		C Development	- BAU							

Figure: Individual transports can now be added back to Import Queue for re-import via the Web UI

## 3.1.3. Historical Analysis Results in Web UI

ActiveControl 8.0 adds the ability to see historical Analysis Check results via the Web UI.

ActiveControl	Dashboard	Overview F	To Infi Projects Reports	ACDK900140	Q Q	Default Web User Role   Edit details   De	McLanachan Ross
	Properties of	Analysis Results					
		2 transport(s) with I You are not approvin	missing requests belonging to the so g all the transports linked to the associ	ame business tasks ated business tasks. Normally all transports	relating to a task should	be moved through landscape at same time	
	Status	Request	Request Description	Task Reference	Missing Request	Missing Request Description	Release Date F
	Waiting to be	ACDK900140	Test Transport	abc	ACDK900117	Demo	
	Status	ACDK900140	Test Transport	abc	ACDK900136	Test transport	
	<ul> <li></li> <li><td></td><td></td><td></td><td></td><td></td><td></td></li></ul>						
			NACES AND DESCRIPTION OF A	Designed Designed Designed States			

Figure: Clicking on Status 'exclamation' icon now opens Historical Analysis Warnings

## 3.1.4. External Transports in Web UI

ActiveControl 8.0 adds the ability to add External Transports via the Web UI.

This is done via the 'Create Transport Form' button on the home screen of the Web UI.

ActiveControl $^{\mathbb{A}}$						
Change						
Show transport properties ×↑ Check for o × conflicts	General Transport reques	New Transport Form			×	
ό × conflicts		Transport Form source: External Transport Datafile:	External Transport Request	•		
		External Transport Cofile: Add Transport to Domain Controller:	0	•		
		Add Transport to Target:				
		OK Cancel				
				 _		

Figure: External transports can now be added to ActiveControl workflow via the Web UI

## 3.1.5. Forwarding Transport Forms

ActiveControl 8.2 introduces the ability to Forward Transport Forms in the Web UI.

This activity – which was historically only available in the Windows GUI, allows Transport Forms to be reassigned to another User, for example if the original Developer or Functional consultant that created the Transport has since left the customer organisation.

	ActiveControl	(j) Dashboar	nd Analytics	Overview	Projects R	eports		Search		Q, Defe	ult Web User Role	Edit details   Delegate appro	Ross McLan vals   Help   L	
Q	Show transport form	0	Request Id	Description			Location		Owner	Group	Туре	Release Date/Time	# Objects	Conflict/ SCI/
۵	Create transport request												/# Keys	Risk Status
1	Create transport form	0	D00K900064	Demonstration: Pr	Select user					×	Enhanceme		1/0	
8	Show transport properties	0	D00K900152	Transport Express	Look for:					þ	Workbench	25.07.2011 17:38:25	1/0	
窗	Delete transport	0	D00K900154	Transport Expr	User ID	Full name	e Vali	d to Email		2	Workbench		1/0	
6	Lock	0	D00K900494	Pret Jr XYZ chang	A000000001	A000000					Merge Transport		6/0	
9		R	D00K9012 ad	TE multi-track dev	ABEKKAT	Amine B	ekkat	amine.bekkat@basis	technologies.com	3	Customizing		1/0	
0,	Add to import queue	0	P11K900043	Creation of Param	ACDEMO	AC Demo					Customizing		0/0	
0	Add to control	0	D01K900147	TE - fix cached rel	ADM1	Chris (TE	Admin)	craig.oliver@basisted	chnologies.com	1	Customizing	29.07.2010 14:33:16	1/0	
Q	Forward			Merge request for	ADMIN_TEST	ADMIN_1	rest							
يىد	transport		D01K900252	165120	AGUHARAJA	AGUHAR	ALAS			auction TOC	Customizing		0/0	
G	Refresh	0	D01K900374	Transport Express	AMORRIS	Morris Ak	ex				Customizing	15.09.2010 20:47:48	16/0	
		0	D01K900476	TE - move core fu	ASANTHANAM	Ashwin		ashwin.santhanam@	basistechnologies.com	user	Customizing	07.10.2010 14:04:46	664/0	
		0	D01K900676	test multiple trans	ports on one task - 2		CRM Production Su	pport: CRM Development - B	AU - RROBB	ABAP	Customizing	24.11.2010	1/0	

## 3.1.6. Improved process flow for Transport Form creation

Some ActiveControl users create their SAP transports directly from within ActiveControl, instead of letting their Developers create them in the SAPGUI.

Some of these customers highlighted that the flow within the Web UI for creating transports was a little cumbersome, as after creating the transport the user would have to go back to main Dashboard screen to create the Transport Form.

ActiveControl 8.0 has addressed this, by now prompting you whether you want to create a Transport Form at the point you create a Transport, similar to how it always has in the Windows GUI. Additionally, a new menu option allows you to Create Transport Form.

Act	iveControl $^{\mathbb{A}}$	() Dashboa	ard Overvie		มีน์ Reports	Search	٩	Default Web Us	ier Role   Edit det	Ross MC ails   Delegate approvals   H	LANACHAN Ielp   Log ol	
Q 1	Show transport form Create transport request	o	Request Id	Description		Location	Owner	Group	Туре	Release Date/Time	# Obj /# Keys	Conflict / SCI / Risk Status
۵	Create transport form	0	D01K939		ew Work Schedule Rule	ECC BAU: BAU Development - Test Queue	RMCLANA	HR	Customi		0/0	
	Show transport properties		D01K942	CRQ029340 - N	ew Warehouse						0/0	
ŵ	Delete transport											
⋳	Lock											
6												
Q	Add to import queue											

Figure: A Transport Form can now be created immediately after creating Transport via the Web UI

## 3.1.7. Web navigation router

A router has been enabled for navigation within the Web UI, allowing an ActiveControl user to:

- Navigate with the back/forward buttons of the browser without leaving the page
- · See a sensible list of pages visited in the browser history
- · Be able to jump directly to any web page by entering the relevant URL
- Be able to view and change the location of a task and perform location specific actions like approvals and test results entry

## 3.2. Rules Engine

Skipping and Approvals are two ActiveControl features used by almost all customers. Despite their popularity within the product, Basis Technologies have occasionally received feedback from existing customers requesting additional flexibility and versatility in the functionality, such as:

1) To be able to define Approvers based on a combination of criteria, and not only the Transport Form [Group] field.

2) To be able to create AND, OR and NOT logic-based skipping rules.

3) To be able to create rules whereby transports created by specific external resources stopped for additional approvals.

4) To be able to create rules whereby particularly old transports stopped for additional approvals.

5) To be able to create 'template' skipping rules, that can be reused to avoid having to configure duplicated rules.

During early 2019, Basis Technologies have worked on a co-innovation project with one of the largest SAP customers in the world to enhance ActiveControl to support their complex landscape and process requirements. To achieve this customer's requirements – and to deliver on feedback received from them and other ActiveControl users – a new Rules Engine has been developed which can be used to create more complex rules for Skipping and Approvals. It is also expected that this Rules Engine will be extended in future releases of ActiveControl to enable rules to be created in other areas of the product such as Import Schedules, Test Assignments and Email Notifications.

#### **Configuration Steps**

Details on how to setup Rules Engine for Skipping and/or Approvals can be found in the Administration Guide and in online FAQ articles. Basis Technologies would recommend this functionality is implemented with formal support from a Basis Technologies solution specialist.

## 3.3. Air Gap

Air gap is a requirement within some organisations with secure networks whereby they cannot allow changes to be electronically transmitted from development to production systems. It is typically found in industries such as the public sector, aerospace and defense, exploration and energy.

In an SAP context, it generally means that following Development or QA or Regression testing, the SAP transport files need to be downloaded to some external media (disk, USB drive, DMZ) and physically moved and uploaded to the production system side of the airgap for import there.

ActiveControl 8.0 includes functionality to support this Air Gap scenario.

#### **Configuration Steps**

Details on how to setup Air Gap can be found in the Administration Guide and in online FAQ articles. Basis Technologies would recommend this functionality is implemented with formal support from a Basis Technologies solution specialist.

## 3.4. Custom Fields

## 3.4.1. Custom fields at Project level

ActiveControl 8.0 introduces the ability to create Custom Fields at a Project level. This functionality has been added to allow additional information to be tracked for the Project entity (typically used at most customers for their SAP Projects, or Releases) that was possible with the limited Project level standard fields.

All the usual field types (eg Text, User Selection, Dropdown etc) are available for creating custom fields at Project level. The configured Project custom fields will be seen in the Project screen in both the Windows GUI and Web UI. The fields are visible in the Build List Report and Task Status Report.

ActiveControl	Dashboard Overvie		Search Canachan Ross Q Default Web User Role   Edit details   Delegate approvals   Help   Log out
Save	General User assignme	nts Project phases	
Cancel	Caption:	Project Neptune	
	Start date:	04.03.2019	
	End date:	31.05.2019	
	Description:	This is ActiveControl Project for upco	ming Neptune project.
	Status:		
	Project Manager:	Amine BEKKAT	Construction of the second

Figure: Custom Field on a Project in the Web UI

#### **Configuration Steps**

Project custom fields are configured in the Windows GUI in the same place as Business Task and Transport Form custom fields have always been created.

ext Fields	Custom Field Propertie	es 🕺	Custom Fields: (+) 🖺 💼		
Text Fiel	ID Field Label: Type: Maintenance Status: Field Type: Field Tab	538 Project Manager Project Optional User Selection	ID Field Name	Type Status Tab U Optional	^
Andatory Field Na Grou Trans Desc Desc Type		OK Cancel	c Custom Tabs: (+) ∰≣ (1)		,

Figure: Custom Field configuration on Project

## **3.4.2. Custom tabs on Transport Forms**

ActiveControl 8.0 introduces custom tabs at Transport Form level, to complement the Business Task custom tabs that have been possible for several years.

This functionality has been added for a customer with a complex 1:Many landscape (ie a single Development system that feeds multiple parallel QA and Production systems) in which the transports are fed into the parallel QA and Production systems to different timelines, often many months apart, and often against different ITSM tickets.

Although this sort of complex landscape was already supportable using ActiveControl Skipping functionality to control when specific transports moved to the various QA and Production systems, the custom tabs capability essentially helps to make things tidier – by enabling the custom fields that govern the process to be kept seperate from the fields on the General tab of the Transport Form that most users would typically want to see.

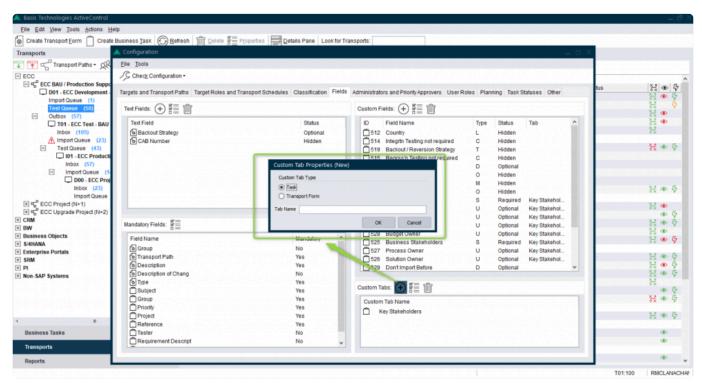


Figure: Custom Tabs at Transport Form level

## 3.4.3. Read-only Custom fields

ActiveControl 7.1 introduced the ability to make Business Task and/or Transport Form custom fields read-only when the associated Business Task reached a (configurable) Deployment Status. Following this release, feedback from customers indicated that many would like additional flexibility, in terms of being able to lock down the custom field on criteria other than just the Deployment Status.

As such, ActiveControl 8.0 introduces read-only custom fields based on User Exit control – to essentially allow our customer's more versatility in how and when they make their custom fields non-editable.

#### **Configuration Steps**

1. Create a Z copy of /BTI/TE\_EXIT\_SAMPLE\_0961 function module via SE37, updating the code to fulfil the customer requirements.

2. Add the newly created Z FM to table /BTI/TE\_EXITC in the Domain Controller.

## 4. ShiftLeft Analysers (8.0)

## 4.1. Version Comparison (0066)

Version Comparison (0066) enables Customers to easily indicate:

(1) any other inflight versions of an object being analysed, that have not yet reached Production – and also

(2) Production versions that are later versions of the same objects in the transport being analysed.

Unlike existing ShiftLeft: Changes to the Same Object (Path), Version Comparison analyses at an SAP level, and therefore also potentially reports on transports that do not have Transport Forms. This Analyser was requested by a couple of customers keen to ensure that any in-flight transports that were overlooked during the initial Data Migration phase of an ActiveControl implementation do not subsequently result in unexpected sequencing issues (or inadvertently moving orphaned changes into production).

#### **Analyser Parameters**

None.

#### **Additional Notes**

This Analyser makes use of Target Roles and the Production function – in order to be able to determine what system is the Production system in the path.

As such, for the Analyser to work, you need to (1) link your Target Role to the "Production Function" as per below screenshot – and also (2) ensure that all your Production targets are linked to your Production target role

🔺 Configuration		
Eile Tools		
Check Configuration -		
	Production - Target Role  File Insert  Save and Close  File  General  Caption:  Production  Function:  Production  Function:  Production  Function:  Production  Function:  Function: Functi	Background User       TE_BATCH       TE_BATCH

## **4.2. Impacted Batch Jobs (0067)**

Impacted Batch Jobs (0067) allows customers to easily identify which scheduled batch jobs are potentially impacted by the objects being delivered in SAP transports. It was added in response to several customers requesting the ability to be able to easily avoid changes being deployed in to Production at the same time as critical batch jobs are scheduled to run.

This Analyser uses the same object linkages technology as those used by Deep Impact Analysis (0060) and other analysers, and is a pre-requisite for running ShiftLeft Impacted Batch Jobs (0067)

#### **Parameters**

Parameter	Description
INCLUDE_DUPLICATES	If there are duplicates in the results, whether you want to see them or not. (the default is No).
LEVELS	How many levels up to check.

## 4.3. Enhanced ShiftLeft DevEnforcer (0004)(0006)(0016)

Recent changes to standard SAP Code Inspector resulted in a lot more results being presented by the ShiftLeft: DevEnforcer analysers. A lot of these results related to Informational and Warning messages, which could be a distraction from the real Errors that actually needed to be dealt with.

On the back of feedback from existing ActiveControl customers, the existing set of DevEnforcer analysers have therefore been enhanced so that it is possible to exclude such Informational and/or Warning messages from the analyser output.

In addition, it is also now possible to filter out historical issues – i.e. any code problems that do not relate to the actual transport(s) / being analysed. This may help customers in the scenario where a new SI partner has inherited code with historical issues that they did not deliver, so that they can initially focus on ensuring that they are not adding new coding issues during their change delivery.

eneral Impo	rt Options Import Options II Inbox (F	ending) A	pprovers	Outbox Approvers	🕑 Ani	alysis Types	
ocation		Set	ttings				
✓ AII			Parame	ter		Value	
Inbox			Attribu	ites			
	rt Queue		ld			0016	
Test Outb	Queue		Nar	me		Dev Enforcer: Standar	ds
Outo	0X		Mar	ndatory		No	
		_	Che	eck Subsequent Targe	et	No	
nalysis Type	•		App	proval & Import Preve	ntion		
		. 0	Param	eters			
ld	Description	•	CIE	XCL_EXISTING_ISSUE	ES	LIST_ONLY_NEW	~
0000	General Analysis		CIIC	NORE_WARNING_IN	FO	EXCLUDE_BOTH	
0030	Check Dependencies		CIR	EFSID			
0031	Sequence: Overtake and Regre.		CIS	D			
0032	Locked Transport Forms		СП	ARGET			
0033	Authorisation to Approve/Import		CIU	SER			
0034	Transport Release		CIV	ARIANT			
0035	Conflict Analysis						
0036	Check Merge Origin						
0037	Incomplete Manual Steps						
0039	Incomplete Manual Activities						
0001	Risk Guard						
0016	Dev Enforcer: Standards						
0006	Dev Enforcer: Performance	1					

#### **Analyser Parameters**

• [CIEXCL\_EXISTING\_ISSUES]: can be used to display the Code Inspector results in following modes:

LIST\_ALL - All the CI issues that have been existing will be listed

LIST\_BOTH\_SEP – issues that have been existing and issues that are introduced with the current transport will be displayed with separate section.

LIST\_NEW – Only issues that are introduced with the current transport will be displayed

#### • [CIIGNORE\_WARNING\_INFO]

EXCLUDE\_BOTH: Exclude both Informational and Warning messages from DevEnforcer results. Only Errors will be reported.

EXCLUDE\_INFO: Exclude only Informational messages. Warning and Error messages will be reported.

EXCLUDE\_WARNING: Exclude only Warning messages. Information and Errors messages ill be reported.

- [CISID]: SAP System ID for Execution. Specify the system ID (e.g. D01) where the Code Inspector variant is to be run from.
- [CITARGET]: Target System for Execution if CISID is not specified. Specify the target system ID (e.g. 0001) where the Code Inspector variant is to be run from. \* \*
- [CIUSER]: Code Inspector Execution User. Leave blank for global variants
- [CIVARIANT]: Code Inspector Variant name

Notes on [CIEXCL\_EXISTING\_ISSUES] parameter:

(i) All Code Inspector issues will be listed by default if nothing set via this parameter

(ii) If the parameter is maintained, then it is mandatory to maintain [CIREFSID] parameter also, this holds the SID where the changes are to be imported.

## 4.4. Enhanced Check Dependencies (0030)

Over the last couple of years, Basis Technologies have seen increasing number of customers moving to more agile delivery of SAP change. As part of this trend, many customers are using Partial Testing functionality within Development Targets, to enable their Development and Functional Team to move individual transports into QA (and in some cases Production) SAP systems, in advance of other parts of the same change (or Business Task in ActiveControl parlance) being ready.

Due to this change in delivery behaviour, some customers have been flagging that Check Dependencies (0030) was continually flagging up false-positives as a result of them intentionally moving individual transports.

As of ActiveControl 8.0, it is now possible to exclude Business Task dependencies from the Check Dependencies (0030) analysis check, so that is only performing an analysis on Transport level dependencies based on what has been set in the Advanced Option of the Transport Form.

cation		Sett	ings		
✓ · All			Parameter	Value	
Inbo		•	Attributes		
	rt Queue		ld	0030	
- Test Outb	Queue		Name	Check Dependencies	
Out	UX .	•	Mandatory	Yes	~
			Check Subsequent Target	No	
nalysis Typ	e		Approval & Import Prevention		
			Parameters		
ld	Description ^		IGNORE_TASK_DEPENDENCIES	×	
0000	General Analysis	-			
0030	Check Dependencies				
0031	Sequence: Overtake and Regre.				
0032	Locked Transport Forms				
0033	Authorisation to Approve/Import				
0034	Transport Release				
0035	Conflict Analysis				
0036	Check Merge Origin				
0037	Incomplete Manual Steps				
0039	Incomplete Manual Activities				
0001	Risk Guard				
0016	Dev Enforcer: Standards Dev Enforcer: Performance				
0006					

%(color-gray)Figure: New %

## 4.5. Enhanced Deep Impact Analysis (0060) – BW Objects

ActiveControl 8.0 adds support for BW objects within the existing ShiftLeft: Deep Impact Analysis (0060) analyser.

### **Configuration Steps**

The configuration is the same as existing Deep Impact Analysis. Refer to this <u>online FAQ article</u> for latest steps in setting up object linkaging and Deep Impact Analysis.

## 4.6. Enhanced Deep Impact Analysis (0060) – Gateway / oData objects

ActiveControl 8.0 adds support for Gateway objects within the existing ShiftLeft: Deep Impact Analysis (0060) analyser.

### **Configuration Steps**

The configuration is the same as existing Deep Impact Analysis. Refer to this <u>online FAQ article</u> for latest steps in setting up object linkaging and Deep Impact Analysis.

## 4.7. Enhanced BPCA Analyser (0047) – Solution Manager 7.2.

ActiveControl 8.0 has delivered enhancements to the existing Business Process Change Analyser (BPCA) (0047) so that it supports Solution Manager 7.2.

#### **Analyser Parameters**

DESTINATION: System ID of Solution Manager where BPCA will run on.

EXCLUDE\_GROUP: Can be used so that the Analyser does not run on Transport Forms with this [Group].

EXCLUDE\_TYPE: Can be used so that the Analyser does not run on Transport Forms with this [Type]. FORCENEW: Can be used to ensure that a new Analysis is always triggered.

MULTIPLE: Can be used if want to analyser several transports in single session.

VARIANT: This is the variant of BPCA that has been setup within Solution Manager.

## 5. Integrations (8.0)

## 5.1. HP Service Manager

ActiveControl 8.0 now includes an out-of-the-box integration with HP Service Manager (HPSM).

This integration was requested by an existing customer that wanted to integrate with their HPSM tool used for managing testing defects.

Their high-level requirements were to:

- 1) automatically create an HPSM ticket when the associated Business Task met certain criteria.
- 2) Add the HPSM ticket number to a custom field on the Business Task
- 3) add a URL link to to automatically created HPSM ticket on the Business Task

### **Configuration Steps**

This is detailed in seperate HPSM Integration Administration Guide, which is available here.

## 6. Minor Enhancements (8.0)

## 6.1. Mass Tester Assignments/ Deassignments

ActiveControl 8.0 introduces a new backend program for performing an enmasse bulk upload of Tester assignments on Business Tasks. This new functionality comes in direct response to feedback from a few customers that although it was easy to do a bulk upload/change of Inbox/Outbox Approvers, it was not such an efficient process when a Tester had to be updated or changed for a lot of Business Tasks.

Backend program /**BTI/TE\_RMASS\_TESTERS** can be run in the Domain Controller to view, copy, add or remove Testers, against a defined list of Projects, Business Tasks or Transport Forms.

Via this new program, it is possible to add or remove Testers at the 'All System' level, or for specific System(s) or System Role(s)

Active Control - Mass T	ester Management Utility - 1.0	
⊕ <b>№</b>		
Select Business Task Tester		
Existing Tester	RMCLANACHAN	
Project		
Task by reference		
Transport Forms		
Select Action		
○ View task tester		
○Copy task tester assignment		
○ Add task tester		
<ul> <li>Remove task tester</li> </ul>		
Systems - Roles - Targets	7	
All Systems		
Specific Systems		
Available Systems		
System Roles		
Test run		
✓ Test run		

Figure: Enmasse assignments/deassignments of Testers is now possible via the SAPGUI

## 6.2. Mass Manual Step reassignments

ActiveControl 8.0 introduces a backend utility to enable Administrators to perform an en-masse bulk change of Manual Step user assignments.

This was added on the back of repeated customer request for an easier way to reassign Manual Steps from one assignee to another.

This new program is /BTI/TE\_RMANSTEPS\_CHANGE, and is run in the Domain Controller.

Update manual steps          Owners         Original Manual Step Owner:         New Manual Step Owner:         Transports         Transport numbers	Change owner of mansteps
Owners       Original Manual Step Owner:       New Manual Step Owner:       Image: Comparis	<b>\$</b>
Owners       Original Manual Step Owner:       New Manual Step Owner:       Image: Comparis	
Original Manual Step Owner:     Image: Comparis       New Manual Step Owner:     Image: Comparis	Update manual steps
Original Manual Step Owner:     Image: Comparis       New Manual Step Owner:     Image: Comparis	
New Manual Step Owner:	Owners
Transports	Original Manual Step Owner:
	New Manual Step Owner:
Transport numbers to	Transports
	Transport numbers to 🖻
Test Run	Test Run

Figure: Enmasse reassignments of Manual Step owners is now possible via the SAPGUI

# 6.3. New User Exit Hook (Add to Control Point)

ActiveControl 8.0 introduces a new user hook capability at the point of performing an 'Add to Control Point' in the Windows GUI or Web UI. This has been added for customers wanting to introduce additional control and governance about what systems a user is actually allowed to move a Transport Form back to in the workflow. Eg.

(1) In a four system landscape DEV > QA > PREPROD > PROD, if a Transport is sitting in the PROD Imbox, a customer might only allow the transport moved back one or two locations, but not right the way back to DEV or QA, to avoid unnecessary reimports to those systems.

(2) In a 1: Many landscape involving a single Development system but multiple parallel QA and Production systems, a customer might want to prevent users from adding a Transport Form from one QA/Production branch to a location in one of the parallel QA/Production Branches.

Two new user exit samples have been created, as follows:

/BTI/ TE_EXIT_SAMPLE_0861	This user exit can be used to validate the allowed Add to Control Point locations whilst trying to perform an Add to Control Point action in the Windows GUI or Web UI.
/BTI/ TE_EXIT_SAMPLE_0863	This user exit can be used to alter the list of locations you can choose whilst trying to perform an Add to Control Point Queue in the Windows GUI or Web UI.

# 6.4. New User Exit Hook (Add to Import Queue)

ActiveControl 8.0 introduces a new user hook capability at the point of performing an Add to Import Queue in the Windows GUI or Web UI. This has been added for customers wanting to introduce additional control and governance about what systems a user is actually allowed to reimport a transport to. Eg.

(1) In a four system landscape DEV > QA > PREPROD > PROD, if a Transport is sitting in the PROD import queue, a customer might want to allow re-import to Production system but not to the QA system

(2) In a 1: Many landscape, involvinga single Development system but multiple parallel QA and Production systems, a customer might want to prevent users from adding a Transport Form from one QA/Production branch to the import queue of the parallel QA/Production branches.

Two new user exit samples have been created, as follows:

Add to Import Queue (Validation) <b>(Exit Identifier 0860)</b>	This user exit can be used to validate the allowed Import Queue locations whilst trying to perform an Add to Import Queue action in the Windows GUI or Web UI.
Add to Import Queue (Change Locations) (Exit Identifier 0862)	This user exit can be used to alter the list of locations you can choose whilst trying to perform an Add to Import Queue in the Windows GUI or Web UI.

## 6.5. Skipping brought into standard product

Prior to ActiveControl 8.0, control point Skipping required User Exit 0710 to be switched on in /BTI/ TE\_EXITC table.

As of this version of ActiveControl, ActiveControl Skipping is now part of standard functionality and no longer requires 0710 user exit to be configured.

The Skipping configuration is still done via table /BTI/TE\_SKIPCP in the Domain Controller.

## 6.6. Enhanced Transport & Task Activity Audit report – custom fields

The existing Transport & Task Activity Audit report (/BTI/TE\_RACTIVITY\_EVENTS) has been enhanced to include custom fields.

This was requested by a couple of customers that use the report for External Audits, and wanted to be able to report on information stored in non-standard fields on the Transport Form.

	a 🐨 🔝 i 🖩 🖷 🐔												
arget ID SID Target Descriptio			Error RC Request ID			Creation Date			Owner Event User	Event Date	Event Time		Time
1 ACD Dev System	Approved Into	Inbox		0 TE-2076 Gitlab integratio	n - SGEN feedback	19.04.2018	ABAP	Customising	Marcello URBANI	19.04.2018		N	A
1 ACD Dev System	Approved Out Of		ACDK90019	9 xxxxxxxx testing		01.11.2017	ABAP	Customising	Marcello URBANI		11:49:20	N	00:00:0
1 ACD Dev System	Approved Out Of		C Change Layout				×	Customising	Marcello URBANI		11:49:20	N	
1 ACD Dev System	Approved Out Of							Customising	JDIAS	05.09.2018		N	
1 ACD Dev System	Marked as Import		Column Sele	ction Sort Order Fil	ter View Display			Workbench1	KSOLAIMUTHU	06.12.2018	17:24:28	N	
1 ACD Dev System	Marked as Import							Workbench1	McLanachan Ross			N	
2 T03 QA System	Approved Into	Inbox		± 3	00			Workbench1	KSOLAIMUTHU	04.12.2018	11:12:03	N	
2 T03 QA System	Approved Into	Inbox						Workbench1	McLanachan Ross			N	
2 T03 QA System	Approved Out Of		Displaye	d Columns	Column Se	t		DeployTOC	KSOLAIMUTHU	04.12.2018		N	
2 T03 QA System	Marked as Import		Column Name		Column Name			Workbench1	KSOLAIMUTHU	04.12.2018		N	
3 ID1 Pre Prod System	Approved Into	Inbox	Time		<ul> <li>Requestor</li> </ul>		and the second se	DeployTOC	KSOLAIMUTHU	04.12.2018	11:20:22	N	
3 ID1 Pre Prod System	Approved Out Of		Approver		<ul> <li>NVG custom field</li> </ul>			DeployTOC	KSOLAIMUTHU	04.12.2018	11:20:58	N	
3 ID1 Pre Prod System	Marked as Import		rallytaskid					DeployTOC	KSOLAIMUTHU	04.12.2018	11:20:44	N	
5 D01 Dev System old	Marked as Import		Anirban					Workbench1	KSOLAIMUTHU	06.12.2018	17:20:26	N	
5 D01 Dev System old	Marked as Import		Radio_Yes		•			Workbench1	KSOLAIMUTHU	06.12.2018	17:23:52	N	
8 ACD Vasi's target of D			Radio_No		-			Workbench1	KSOLAIMUTHU	29.03.2018	10:20:39	Y	
8 ACD Vasi's target of D			TIME					Workbench1	KSOLAIMUTHU	29.03.2018	10:42:09	Y	
8 ACD Vasi's target of D			EtiTFTab					Workbench1	KSOLAIMUTHU	29.03.2018	11:34:51	N	
8 ACD Vasi's target of D			Ironman					Workbench1	VVELICHKOV	03.04.2018		N	
8 ACD Vasi's target of D			Huk					Workbench1	Anirban Guharaja		13:58:23	N	00:00:00
8 ACD Vasi's target of D			Hulkincr					Workbench1	Anirban Guharaja		16:02:27	N	00:00:00
8 ACD Vasi's target of D					•			Workbench1	VVELICHKOV	28.10.2018		N	
8 ACD Vasi's target of D							1	Workbench1	VVELIOHKOV	30.10.2018	10:39:48	N	
8 ACD Vasi's target of D								Workbench1	Tamas Csipes	14.09.2018	13:26:06	N	
	et of Dev System old Approved Into	Inbox					<b>VB</b> ×	Workbench1	KSOLAIMUTHU	29.03.2018	10:21:00	Y	
	et of Dev System old Approved Into	Inbox						Workbench1	KSOLAIMUTHU	29.03.2018	10:46:47	Y	
	et of Dev System old Approved Into	Inbox		4 backout unit test		11.06.2018	ABAP	Workbench1	Anirban Guharaja		13:58:32	N	00:00:0
	et of Dev System old Approved Into	Inbox		4 backout unit test		11.06.2018	ABAP	Workbench1	Tamas Csipes	14.06.2018	15:19:41	N	00:00:00
	et of Dev System old Approved Into	Inbox		4 backout unit test		11.06.2018	ABAP	Workbench1	Anirban Guharaja		09:44:01	N	00:00:00
	et of Dev System old Approved Into	Inbox		2 AB test bo		26.10.2017	ABAP	Workbench1	VVELICHKOV	05.07.2018		N	
	et of Dev System old Approved Into	Inbox		4 AB test bo 2		26.10.2017	ABAP	Workbench1	Tamas Csipes	15.08.2018	14:39:04	N	
	et of Dev System old Approved Into	Inbox		1 VV zproxy dep test		26.10.2017	ABAP	Workbench1	VVELICHKOV	24.10.2018	14:47:42	N	
	et of Dev System old Approved Into	Inbox		3 test 123 w w		28.10.2018	ABAP	Workbench1	VVELICHKOV	30.10.2018	10:41:10	N	
	et of Dev System old Approved Into	Inbox		9 vv test rep		09.11.2017	ABAP	Workbench1	VVELIOHKOV	30.10.2018		N	
	et of Dev System old Approved Out Of			9 vv test rep		09.11.2017	ABAP	Workbench1	VVELICHKOV	30.10.2018		N	
	et of Dev System old Imported	Import Queue		4 backout unit test		11.06.2018	ABAP	Workbench1	Anirban Guharaja		14:40:43	N	00:00:00
	et of Dev System old Imported	Import Queue		4 backout unit test		11.06.2018	ABAP	Workbench1	Anirban Guharaja		09:41:32	N	00:00:00
	et of Dev System old Imported	Import Queue		4 backout unit test		11.06.2018	ABAP	Workbench1	Anirban Guharaja			N	00:00:0
	et of Dev System old Imported	Import Queue	4 ACDK90019			26.10.2017	ABAP	Workbench1	VVELICHKOV	05.07.2018		N	
	et of Dev System old Marked as Import			3 test 123 w w		28.10.2018	ABAP	Workbench1	VVELICHKOV	30.10.2018		N	
	et of Dev System old Marked as Import			4 AB test bo 2		26.10.2017	ABAP	Workbench1	VVELICHKOV	30.10.2018		N	A 100
9 D01 Vasi's Merce tard	et of Dev System old Marked as Import	ed Import Oueue	ACDK90011	1 VV zproxy dep test		26.10.2017	ABAP	Workbench1	VVELICHKOV	30.10.2018	18:29:37	N	4 2

Figure: Custom Fields can now be added to the output of the Transport & Task Activity Audit report

# 6.7. Enhanced reports to show Priority Approvals

The following existing reports have been enhanced, so that it is possible to distinguish Priority Approvals in the report output.

- 1) Transport and Task Activity Audit report
- 2) Approvers by Target and Location report

## 6.8. Hide Task Planning functionality

ActiveControl has historically included some Task Planning functionality that can be used to manage pre-Development approval workflows.

Task Planning is now considered legacy functionality within the product. Asides from the fact that less than 1% of our customers are using this functionality, Basis Technologies have not enhanced this area of the product for several years.

As such, ActiveControl 8.0 hides the functionality by default as it is no longer supported. It can be unhidden via option available via Tools>Options in the WIndows GUI for existing customers that still want to use it, however it should be noted that the Planning workflow may be completely removed from ActiveControl in the future, so it should not be used by customers.

Options								×
General	Style	Colors	SSO	Font	Analysis	Cache		
☐ Show ☑ Show ☐ Show ☐ Reme ☐ Enable	General Display Options          General Display Options         Show released requests without a transport form as open requests         Show a warning before I release a request         Show hidden targets and transport forms         Remember form positions on close         Enable Mv To-Do List         Enable Task Planning							
Text Forma Team Me Target:	mber: Joe Sr	nith Development					~	
off	tween Automat 5 h every 5 seco	r	10 Iction is in p	1				
Test User Validat	Validation e task test use	rs on first disp	lay					
						OK	Cancel	

## 7. Bug Fixes (8.0)

The following bugs have been addressed since ActiveControl 7.2 release. 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
ShiftLeft: Deep Impact Analysis	Unexpected MSAG / SSFO dependencies being flagged on Deep Impact Analysis.
ShiftLeft: Deep Impact Analysis	DIA is incorrectly checking dependencies in a virtual target.
ShiftLeft: Check Documentation	Only picked up test evidence doc/link after save+close.
Manual Activities	ShiftLeft: Dev Enforcer always raise issue when the TR form is a manual activity.
Manual Activities	Hidden paths given as options when creating a Manual Activity Transport Form.
WebUI	Timeout when hundreds of TRs assigned to one business task.
WebUI	Java transport gets its target wiped when saved via Web UI.
Backout	Backup release fails if an object does not have a TADIR entry in the target system.
Following	Following generates duplicated emails.