

Copyright © 2021 Basis Technologies

# **Table of Contents**

Introduction	2
SAP Certification	3
ActiveControl 8.50	4
3.1. Enhanced Web UI	5
3.1.1. Add/remove Columns from list screens	6
3.1.2. Related Business Tasks	8
3.1.3. Read-only Import Queue Dashboard	10
3.1.4. Anticipated Import Time	12
3.1.5. Task screen filtering	13
3.1.6. Addition of SID to location field	15
3.1.7. Self-upload User image via WebUI	16
3.2. Enhanced Rules Engine	18
3.2.1. Testing Consumer	19
3.2.2. User Role audit report	21
3.3. New Dynamic Dropdown custom field	22
3.4. 1-minute Import Schedules	
ShiftLeft (8.50)	25
4.1. New Shiftleft: "SAP Level Checks" (0071)	
4.2. Enhanced 'Check Custom Field Entered' (0057)	
4.3. Enhanced "Changes to Same Object Path (0055)	
4.4. Enhanced 'Overtake/Regression' (0031)	30
4.5. Enhanced 'Check Dependencies' (0030)	
4.6. Enhanced 'Deep Impact Analysis' (0060)	
4.6.1. Exclude Target(s) from Analysis	
4.6.2. Target information for missing object(s)	
4.6.3. Transport information for missing object(s)	
Integration (AC8 50)	37
5.1 Enhanced ServiceNow Integration	38
5.1.1 Field updates post initial BT creation	
5.1.2 Approvals triggered by status change	40
5.2. Enhanced ChaRM integration (CD based approvals)	
Employee Central Payroll (ECP)	42
Other Enhancements (8.50)	43
7.1. Restrict file size of Attachments	
7.2. Include custom fields in Merge process	
7.3. User Exits / Hooks	
7.3.1. Save Files to 3rd Party Document Respositories	
7.3.2. Prevent linking of Transport Form to multiple Business Tasks	
7.4. Recurring Automated Approvals	50

7.5. Enhanced SCC1 error visibility	51
7.6. Optimised ALV Reports – change/select/save layouts	53
7.7. Utility Report: Removing deleted SAP users from User Roles	
8. Bug Fixes (8.50)	55
8.1. 'Cumulative Patching' support process	
8.2. Bug Fixes since AC8.40	
9. Upgrading to ActiveControl 8.50	

### **1. Introduction**

ActiveControl 8.50 was released in September 2021.

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

- <u>ActiveControl 8.40</u> (released January 2021)
- <u>ActiveControl 8.3</u> (released June 2020)
- ActiveControl 8.2 (released November 2019)
- "ActiveControl 8.1" Minor Patch Fix Release for 8.0. (released August 2019)
- <u>ActiveControl 8.0</u> (released May 2019)
- <u>ActiveControl 7.2</u> (released June 2018)
- <u>ActiveControl 7.1</u> (released April 2018)
- <u>ActiveControl 7.0</u> (released August 2017)
- Transport Expresso 6.20 (released May 2016)
- Transport Expresso 6.10 (released June 2015)
- <u>Transport Expresso 6.00</u> (released February 2015)
- Transport Express 5.30 (released September 2014)
- <u>Transport Express 5.20</u> (released March 2014)
- Transport Express 5.1n (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/. Some other Basis Technologies products that are used in conjunction with ActiveControl exist within seperate /BTR/ namespace.

# 3. ActiveControl 8.50

# 3.1. Enhanced Web UI

# 3.1.1. Add/remove Columns from list screens

ActiveControl 8.50 introduces the capability for users to customise the Business Task and Transport Form list screens in the Web UI, by adding/removing the Fields that they see on screen. This enhancement has been done on the back of repeated feedback that this was one of the primary reasons some customers continued to roll out the Windows GUI to their Developer and Functional user community.

As of 8.50, it is now possible for users to 'personalise' the list screens so that they can see certain Custom Fields instead of the out-of-the-box Standard Fields on the screens, thus avoiding them from having to open up individual Business Task or Transport Form to see specific field values.

ActiveControl	D	iii ashboard Analytic	s Overview	Projects Rep	orts						Se	arch		Q	Defau Edit details	it Web User Role   Ross M Delegate approvals   Help	cLanachan
Analysis / Show transports	Proj	ject Phase: My approv	vals Project:	All				*	×								
	D		Task			Project	Group	Туре	BT Custom Field 1	BT Custom Field 2	BT Custom Field 3	BT Custom Fleid 5	BT Custom Field 6	Priority	# Objects / Keys	Conflict / SCI / Risk Status	Owner
		ECC - BAU: ACD - S/4 D	levelopment Merge - Ii	nbox (1)												↑ <sup>A</sup> <sub>Z</sub> Sort Ascending	A
Approve and Import Reject CO Enter test results	0	n n 🎝 🤹	CHG2309234 Enhanced Billing Re Waiting to be approv Development Merge Anirban Guharaja, B Diego Lombardini, G Viet, Imma	porting usecase ved into ACD - S/4 by you, Amine BEKKA GREEN, CFAUTH, DEV abor Farkas, Gergo Ng	T, ITEST, uyen	Project Neptune	UK	Change Request		No	No		6	<ul> <li>Actions</li> <li>Task</li> <li>Current Loca</li> </ul>	ion	<ul> <li>↓<sup>2</sup> Sort Descending</li> <li>Columns →</li> <li>⊕ Group by this field</li> </ul>	Jim Dugger
Refresh			Show all transports											g Project			
	•	Kalıdass: D03 - Kalı Dev	System D03 Exernal -	Inbox (8)										g Group			
	0	🔮 🕘 🕁 🐺	PB_ON_APPROVE_ Playback Auto ToC of Waiting to be approv D03 Exemal by you, Guharaja, BGREEN, Lombardini, Gabor F Imma Show all transports	NOTRAV on Approve and no trav ved into D03 - Kali Dev Amine BEKKAT, Anirb CFAUTH, DEVTEST, D arkas, Gergo Nguyen V	vel System an iego fiet,	AUTO_TOC	Airgap	Change Request	Value	No	No		6	<ul> <li>Type</li> <li>BT Custom F</li> <li>BT Custom F</li> <li>BT Custom F</li> <li>BT Custom F</li> </ul>	eld 1 eld 2 eld 3 ield 5		Kalidass Solaimuthu
	0	🔹 🕢 🕁	RE-1153 rule engine Waiting to be approv D03 Exernal by you, Guharaja, BGREEN, Lombardini, Gabor F Imma Show all transports	ved into D03 - Kali Dev Amine BEKKAT, Anirb CFAUTH, DEVTEST, D arkas, Gergo Nguyen V	System an iego fiet,	EIT_RE	UK	Project Warranty		No	No			<ul> <li>BT Custom F</li> <li>Priority</li> <li># Objects / #</li> <li>Conflict statu</li> <li>Owner</li> </ul>	eld 6 Keys s		Kalidass Solaimuthu
	0	🔹 🕢 🕁	RE_RISK rules engine risk che Waiting to be appro- D03 Exernal by you, Guharaja, BGREEN, Lombardini, Gabor F Imma Show all transports	eck ved into D03 - Kali Dev Amine BEKKAT, Anirb CFAUTH, DEVTEST, D arkas, Gergo Nguyen V	i System an iego /iet,	EIT_RE	UK	Incident Fix		No	No			Owner SAP Deployment Planning stat Test result Creation Dat Planner Rele	Jser status us ace Date	@₽	Kalidass Solaimuthu
te basistechnologies.net 8000/sap(b	D1IbiZj	옷 ④ 라 다 PTEwMA==)/bc/bsp/bti/te	1584 1584 - no VT for ma Waiting to be appro- D03 Exernal by you, Guharaja, BGREEN, Lombardini, Gabor F Imma bsp_new/index.html#	anual steps ved into D03 - Kali Dev Amine BEKKAT, Anirb CFAUTH, DEVTEST, D arkas, Gergo Nguyen \	r System an iego íiet,	ETITEST	GERMANY	Change Request		No	No			Do not appro	ve before		A Kalidass Solaimuthu

Figure: Adding/removing standard or custom fields on the Business Task list screen

ActiveControl	(j) Dashboar	<mark>ม์มี</mark> d Analytics	Overview	Projects	E Reports				A	AC-3453453		Q	Default Web Us Edit details   Delegate	er Role <b>  Ross</b> approvals   F	McLanachan Help   Log out
Show transport form	D	Request Id 🕇	Description			Location	Group	Туре	Owner	Custom Field 1	Custom Fleid 2	Custom Field 3	Custom Field 4	leleased on	TR Function
Create transport request		ACDK900136	Program Delta - Fi	nance changes	2	S/4 Production Support Path: S/4 Development (Prod Support) - Test Queue	ABAP	Customising	ATHAKAR						↑ <sup>A</sup> <sub>Z</sub> Sort Ascending ↓ <sup>A</sup> <sub>7</sub> Sort Descending
		ACDK900140	Program Delta - Fir	nance changes	8	S/4 Production Support Path: S/4 Development (Prod Support) - Test Queue	ABAP	Customizing	ATHAKAR	No	Dropdown 3	Yes	Status		Columns 🕨
		ACDK900199	Program Delta - Fir	nance changes	6	S/4 Production Support Path: S/4 Development (Prod Support) - Test Queue	ABAP	Workbench	Kalidass Solaimuthu	No	Dropdown 2	Yes	<ul> <li>Request Id</li> <li>Description</li> </ul>		Filters
		ACDK900241	Program Delta - Fir	nance changes	5	S/4 Production Support Path: S/4 Development (Prod Support) - Test Queue	ABAP	Workbench	ATHAKAR	No	Dropdown 2	No	Location		Workb Request
		ACDK901173	Program Delta - Fir	nance changes		S/4 Production Support Path: S/4 Development (Prod Support) - Test Queue	ABAP	Workbench	Amine BEKKAT				⊌ Group ⊌ Type		Workb Request
		ACDK904350	Program Delta - Co (ABAP)	ost Accounting	Changes	S/4 Production Support Path: S/4 Development (Prod Support) - Test Queue	ABAP	Workbench	Amine BEKKAT	Yes	Dropdown 2	Yes	Owner ID Owner		Workb Request
Add to control		ACDK904352	Program Delta - Co	ost Accounting	Fix 1	S/4 Production Support Path: S/4 Development (Prod Support) - Test Queue	ABAP	Customizing	Ross McLanachan	Yes	Dropdown 3	No	Requestor ID		Workb Request
$\mathcal{A}_{4}$ Forward transport		ACDK904354	Program Delta - Fir	nance changes	3	S/4 Production Support Path: S/4 Development ABAP Customising Amine BEKKAT (Prod Support) - Test Queue						Requestor     Requested on		Workb Request	
Mark as Manually Applied		ACDK904362	Program Delta - Co	ost Accounting	- Report Fix	S/4 Production Support Path: S/4 Development (Prod Support) - Test Queue	ABAP	Workbench	Amine BEKKAT	Yes	Dropdown 1	Yes	Custom Field 1		Workb Request
💮 Refresh		ACDK904364	Program Delta - Co (Report)	ost Accounting	ABAP fix	S/4 Production Support Path: S/4 Development (Prod Support) - Test Queue	ABAP	Workbench	Amine BEKKAT	No	Dropdown 3	No	Custom Field 2		Workb Request
		ACDK904836	Program Delta - Fi	nance changes	4	S/4 Production Support Path: S/4 Development (Prod Support) - Test Queue	ABAP	Customising	Immanuel Daniel	Yes	Dropdown 3	No	Custom Field 4		Workb Request
		ACDK920277	D01K961870 Z_PROGRAM_QW	/ERTY_VERSIC	N1	S/4 Release Upgrade (2020): S/4 Test (2020 Release Upgrade) - Test Queue	ABAP	Merge	Ross McLanachan				Approved on		Transp of Copies
		ACDK920282	D01K961873 Z_PROGRAM_QW	/ERTY_VERSIC	N1	S/4 Release Upgrade (2020): S/4 Test (2020 Release Upgrade) - Test Queue	ABAP	Merge	Ross McLanachan				<ul> <li># Objects / # Key</li> <li>Completed?</li> </ul>	/S	Transp of Copies
		ACDK920283	D01K961876 Z_PROGRAM_QW	/ERTY_VERSIC	N2_D01	S/4 Release Upgrade (2020): S/4 Test (2020 Release Upgrade) - Test Queue	ABAP	Merge	Ross McLanachan				Client dependen	t?	Transp of Copies
		ACDK920284	D01K961874 Z_PROGRAM_QW	/ERTY_VERSIC	N2_D01	S/4 Release Upgrade (2020): S/4 Test (2020 Release Upgrade) - Test Queue	ABAP	Merge	Ross McLanachan				TR Function		Transp of Copies
		D01K961870	870 Z_PROGRAM_QWERTY_VERSION1 Transp		Transporting completed		ABAP Transport of Copies					Source client Conflict/SCI/Ri	isk Status	Workb Request	
		D01K961872	Z_PROGRAM_QW	/ERTY_VERSIC	N1		ABAP	Transport of Copies	Ross McLanachan				CCF		Transp of Copies
te.basistechnologies.net:8000/sap(b	D1IbiZjPTEwMA:	D01K961873 ==)/bc/bsp/bti/te_b	7 PROGRAM OV sp_new/index.html#	/ERTY_VERSIC	N1	Transporting completed	ABAP	Transport of Copies	Ross McLanachan				0	3.06.2021 7:54:34	Transp of Copies

Figure: Adding/removing standard or custom fields on the Transport list screen

#### **Configuration Steps**

No new configuration is required to enable the adding or removal of fields in the WebUI list screens.

More information on the new feature can be found in this online Change Note

As well as being possible to add/remove fields, it is also possible to change the order of the fields as they appear on the screen, by dragging the field headers.

It is not possible to add [Option] custom fields and [Text] custom fields longer than 20 characters. The latter has been done deliberately by Basis Technologies due to the screen real estate that would be taken up by adding longer text fields. This is something Basis Technologies may revisit – so please do let us know if you see this as a current gap in ActiveControl 8.50.

# 3.1.2. Related Business Tasks

Within ActiveControl, it has always been possible to create technical dependencies between Transport Forms – ie to be able to set the sequence that two related Transports would be deployed within a system (or across different SAP systems). ActiveControl 8.50 extends this to enable functional dependencies between Business Tasks, via a new capability whereby Business Tasks can be 'related' via a new 'Dependencies' tab on the Business Task. The use-case of this is essentially where a customer wants to ensure two seperate changes (ie Business Tasks) are deployed at the same time, even where there are no specific technical dependencies between the underlying transports.

	ActiveControl	<ul> <li>Dashboard</li> </ul>	لَلْكَ Analytics	Overview	Projects	E Reports						AC
4	Analysis / Show transports	New Invoic	ing Backen	d Changes (ŀ	lungary)							
		Current Location	n:	101 - S/4 Product	ion (Prod Suppo	rt) Inbox			Q			
மீ	Approve	Waiting to be a	pproved into I0	1 - S/4 Production	n (Prod Support)	(No approvers def	ned)		~			
凸	Approve and Import	General Ado	litional Data	CAB Notes	Stakeholders	Dependencies	User assignments	Testers	Status & History	Attachments	Comments	
Φ	Reject	AC-1111222	is related to th	ese Business Tas	ks:							
Q	Show all transports	Reference			Subject							
ୖୖ	Show test results	AC-123478			New Hungar	ry Payment Terms				Î		
$\prec$	Change	Add related E	Business Task				,					
ŵ	Delete											
6	Refresh											

Figure: Business Tasks can be related via the new Dependencies tab.

Relating two Business Tasks together will result in the Check Dependencies (0030) analyser highlighting to an Approver whilst approving one of the Business Tasks, if the other Business Task is still sitting in the same location (or further back) in the workflow.

Analysis Results			
1 Business Task(s) have dependencies The following business task(s) are dependent on a	inother task(s) that has not been imported yet		
Task Reference	Task Subject	Related Task	Related Task Subject
AC-1111222	New Invoicing Backend Changes (Hungary)	AC-123478	New Hungary Payment Terms

Figure: Related Business Tasks will be highlighted via the existing 0030 Analyser – if an attempt is made to approve/deploy one of the related Business Tasks without the other.

#### **Configuration Steps**

No new configuration is required to enable the new Related Business Tasks capability.

More information on the new feature can be found in this online Change Note

For customers that do not want the enhanced 0030 Check Dependencies Analyser to highlight related Business Tasks that are sitting further back in the workflow – a new IGNORE\_RELATED\_TASKS parameter can be enabled within the Analyser configuration.

## 3.1.3. Read-only Import Queue Dashboard

ActiveControl 8.50 introduces a new read-only Import Queue dashboard screen in the Web UI to enable all users to see what Transports are currently sitting in Import Queues awaiting deployment, as well as also provide an indication of any Import or System Error that might have already occurred. This new screen is accessed via the new Awaiting Import metric in the Overview section of the Web UI main screen. The metric show a count of all Transports currently sitting in Import Queues (ie not only Transports for which the logged-in User is the Transport Form owner).

ActiveControl	Destheard     Analytics     Overview     Projects     Reports		Search Q Default Web Lawr Skill Revue McLawachere Q
Create business task	Overview	Projects	News / My recent activity / Following
form	Path(s): All transport paths	Nona Selected *	Ress McLanachan approved (R00002322) into QA System (1703) Work Schedule Rule for US office More than 3 months ago
My testing	Awaiting my approval	50 5	
Changes for my transports	Awarong my testing In progress changes for my transports 4	5	
assigned to my role	In progress changes assigned to my role	0	
My incomplete manual items	My incomplete manual items	2	
team     team     team     team     team     team	New business tasks 31	1	
Awaiting Import	Awaiting Import 1	13	
🕞 Refresh			

Figure: New 'Awaiting Import' metric on the ActiveControl Web UI main screen.

Clicking on the Awaiting Import metric will take the user into a new read-only Import Dashboard screen, from which the User can see what Transport Forms are currently sitting in specific Import Queues. As part of this new screen, it will also be possible to see the <u>Import ETA</u> of the transport deployment.

ActiveControl	( Das	🕜 🎎 hboard Analytics	Overview Projects F	Deports				Search	1	٩	Default W Edit details   Del	leb User Role   Ross McLanachan	λ
Refresh		System S	tatus <u>Target</u>			Path		Role		Highest RC		No. of Requests	ī
	•	D01	S/4 Development (Prod Su	pport)		S/4 Production Support P	Path	Deve	elopment			1	
		Request ID	Description	Requestor	Group	Туре	Business Task Reference	Released at	Import Order	Import Status	Return Code	Anticipated Import Time	
		ACDK904364	Program Delta - Cost Accounting ABAP fix (Report)	Amine BEKKAT	ABAP	Workbench	AC-3453453		1				
	•	S4P	S/4 Production (Prod Supp	ort)		S/4 Production Support P	ath	QA				1	
		Request ID	Description	Requestor	Group	Туре	Business Task Reference	Released at	Import Order	Import Status	Return Code	Anticipated Import Time	
		ACDK904362	Program Delta - Cost Accounting - Report Fix	Amine BEKKAT	ABAP	Workbench	AC-3453453		1			11.06.2021 20:00:00	
		Т01	S/4 Test (Prod Support)			S/4 Production Support P	Path	Prod	uction	8		10	
		Request ID	Description	Requestor	Group	Туре	Business Task Reference	Released at	Import Order	Import Status	Return Code	Anticipated Import Time	
		D01K961902	TR will end in RC8	Ross McLanachan	ABAP	Transport of Copies	AC-2348234	07.06.2021 08:49:17	1	Imported	8	11.06.2021 15:40:00	
		ACDK900136	Program Delta - Finance changes 2	ATHAKAR	ABAP	Customising	AC-3453453	11.06.2021 15:35:18	2			11.06.2021 15:40.00	
		ACDK900140	Program Delta - Finance changes 8	ATHAKAR	ABAP	Customizing	AC-3453453	11.06.2021 15:35:24	3			11.06.2021 15:40:00	
		ACDK900199	Program Delta - Finance changes 6	Kalidass Solaimuthu	ABAP	Workbench	AC-3453453	11.06.2021 15:35:29	4			11.06.2021 15:40:00	
		ACDK900241	Program Delta - Finance changes 5	ATHAKAR	ABAP	Workbench	AC-3453453	11.06.2021 15:35:35	5			11.06.2021 15:40:00	
		ACDK901173	Program Delta - Finance changes	Amine BEKKAT	ABAP	Workbench	AC-3453453	11.06.2021 15:35:41	6			11.06.2021 15:40:00	
		ACDK904350	Program Delta - Cost Accounting Changes (ABAP)	Amine BEKKAT	ABAP	Workbench	AC-3453453	11.06.2021 15:35:47	7			11.06.2021 15:40:00	
		ACDK904352	Program Delta - Cost Accounting Fix 1	Ross McLanachan	ABAP	Customizing	AC-3453453	11.06.2021 15:35:52	8			11.06.2021 15:40:00	
		ACDK904354	Program Delta - Finance changes 3	Amine BEKKAT	ABAP	Customising	AC-3453453	11.06.2021 15:35:58	9			11.06.2021 15:40:00	
		ACDK904836	Program Delta - Finance changes 4	Immanuel Daniel	ABAP	Customising	AC-3453453	11.06.2021 15:36:04	10			11.06.2021 15:40:00	

Figure: New "Import Dashboard' screen in the WebUI

#### **Configuration Steps.**

No new configuration is required to enable the new Import Dashboard within the Web UI.

Customers that do not want to use the new Import Dashboard can remove the new metric via backend table /BTI/TE\_UIMETRIC in the Domain Controller.

# 3.1.4. Anticipated Import Time

ActiveControl 8.50 introduces a new "Anticipated Import Time" field to provide an indication of when a particular Transport sitting in an Import Queue is expected to be imported. This 'Anticipated Import Time' ETA is calculated based on AC Import Schedules and also any "Future Scheduling" of Transports set on the Business Task (Additional Data) tab, and is seen via the new read-only" Import Dashboard":#import-dashboard also being introduced as part of AC8.50.

ActiveControl	Das	🕧 🚮 hboard Analyti	cs	Over	) view	Projects R	eports					Search			Q,	Default We Edit details   Dele	b User Role   Ross McLanachan gate approvals   Help   Log out
💮 Refresh		System	Statu	us	Target				<u>Path</u>			Role			Highest RC		No. of Requests
	۵	D01 S/4 Development (Prod S     S4P G S/4 Production (Prod Sup				elopment (Prod Sup	oport)		Development				1				
		S4P S/4 Production (Prod Sup				uction (Prod Suppo	ort)		ath		QA				1		
		Request ID		Descrip	otion		Requestor	Group	Туре	Business Task Reference	Released at		Import Order	Import S	tatus	Return Code	Anticipated Import Time
		ACDK904362		Program Delta - Cost Accounting Report Fix		Cost Accounting -	Amine BEKKAT ABAP		Workbench	AC-3453453		1					18.06.2021 20:00:00
	۵	T01	6	<b>A</b>	S/4 Test	(Prod Support)			S/4 Production Support P	ath		Production			8		10

Figure: New Anticipated Import Time field seen on the new Import Dashboard

The ETA information is also seen on the Transport Status and History tab of the individual Transport Form (when the Transport is sitting in an Import Queue(s).

ActiveControl	(j) Dashboard	Analytics Overview	C Projects	E Reports		Search	م	Default Web User Role   Ross McLanachan Edit details   Delegate approvals   Help   Log out		
Change	Properties of re	quest: ACDK904362								
Show transport	General Trai	nsport request details Transpo	rt status and h	story Advanced options Manual steps	Attachments	By				
× ↑ Check for	Waiting to be imp	ported into S4P - S/4 Production (	Prod Support)		18.06.2021 20:00:00	Uy				
C Refrach	Status	Event History				Date	Time	Ву		
U Nellean	$\odot$	Marked as Imported into T01 -	S/4 Test (Prod	Support)		07.06.2021	09:52:41	Ross McLanachan		
		Approved into S4P - S/4 Produ	ction (Prod Sup	port)		07.06.2021	08:53:11	Ross McLanachan		
		Taet results undated TO1 - S/A	Taet (Prod Sun	urti		07.06.2021	08:52:49	Doce Mrl anarhan		

Figure: New Anticipated Import Time field seen on an individual Transport Form

#### **Configuration Steps.**

No new configuration is required to enable the new Import Dashboard or the new Import ETA information within the Web UI.

# 3.1.5. Task screen filtering

Filtering was added to the Transport Lists and Transport Selection screens as part of <u>ActiveControl 8.20</u> release. This Filtering quickly became a popular feature in the ActiveControl Web UI – and inevitably, several of customers requested the same capability in the Business Task list screen so that they could easily locate a particular Business Task that needed to be approved or tested. As such, Business Task list screen filtering has been added in ActiveControl 8.50 to offer a similar capability to what was already available in the Transport List and Transport Selection screens.

ActiveControl	Das	🕜 🔓	lytics Overview	Projects	Reports				Search	Q	Default Web Use Edit details   Delegate a	r Role   <b>Ross McLanach</b> a approvals   Help   Log o	un 🔍
Analysis / Show transports	Projec	ct Phase: My ap	provals Project:	All			× X						
ShiftLeft analysis	D		Task				Project	Group	Туре ↓	- Priority	# Objects / # Con Keys / Ris	flict / SCI sk Status Owner	
Approve	E E	CC - BAU: ACD - S	/4 Development Merge	- Inbox (1)						↑A Sort Ascendi	ng		^
Reject		🥑 🖉 🖒	Enhanced Billing Waiting to be app	Reporting useca roved into ACD	se - S/4 Development Merge by you,	Amine BEKKAT, Anirban	Project Neptune	UK	Change Request	Columns	> 10	1	
Ø'O Ø'O Enter test results			<ul> <li>Guharaja, BGREE Imma</li> <li>Show all transpor</li> </ul>	N, CFAUTH, DE <sup>v</sup>	/TEST, Diego Lombardini, Gabor F	arkas, Gergo Nguyen Viet,	* 1			Group by this	s field	Jim D	Jugger
💮 Refresh	E K	alidass: D03 - Kali	Dev System D03 Exerna	ıl - Inbox (8)						Filters	Change F     Change F     Emergen	Request	
		🤹 🕢 🖸	RE-1153 rule engine Waiting to be app Anirban Guharaja Nguyen Viet, Imm Show all transpor	roved into D03 . BGREEN, CFAI a ts	Kali Dev System D03 Exernal by ITH, DEVTEST, Diego Lombardini,	you, Amine BEKKAT, Gabor Farkas, Gergo	EIT_RE	UK	Project Warranty	Normal	Incident I  I  Operation Project V  Standard	fix S nal Change K di Varranty Solai	Q lidass imuthu
		🤹 🕢 🖸	1784_1 1784 testing Waiting to be app Anirban Guharaja Nguyen Viet, Imm Show all transpor	roved into D03 BGREEN, CFAU a ts	Kali Dev System D03 Exernal by ITH, DEVTEST, Diego Lombardini,	you, Amine BEKKAT, . Gabor Farkas, Gergo	ETLHPSM	GERMANY	Project Warranty	Normal	0/0 4	© Gr Kali Solai	Q lidass imuthu
		s (1) [2] S	RE_RISK rules engine risk o Waiting to be app Anirban Guharaja Nguyen Viet, Imm Show all transpor	heck roved into D03 .BGREEN, CFAU a ts	Kali Dev System D03 Exernal by ITH, DEVTEST, Diego Lombardini,	you, Amine BEKKAT, Gabor Farkas, Gergo	EIT_RE	UK	Incident Fix	Normal	2/0	<i>⊗ G</i> y Kali Solai	Q lidass imuthu

Figure: It is now possible to filter on particular Field values within the Business Task list screen.

	ActiveControl	Da	(j) ishboard	المُثار Analytic	cs Overview	Projects	E Reports			Sear	ch	Q	Default Wel Edit details   Deleg	b User Role   <b>Ross M</b> gate approvals   Hel	cLanachan
4	Analysis / Show transports	Proj	ect Phase:	My appro	vals Project:	All			× 8	_		2			
3	ShiftLeft analysis				Task				<u>Project</u>	Group	Type 1	Priority	# Objects / # Keys	Conflict / SCI / Risk Status	Owner
ີ່ພາ	Approve Approve and		xDevelopme	nt ACD - D	ev System - Inbox (4)							<u> </u>			
88 5	Import Reject Enter test results	0	4	ውጭ	CHG3023123 Finance Accruals Cl Waiting to be appro BGREEN, CFAUTH, Show all transports	nanges ved into ACD DEVTEST, Die	- Dev System by you, Ar go Lombardini, Gabor F	nine BEKKAT, Anirban Guharaja. arkas, Gergo Nguyen Viet, Imma	Agile	Finance & Controlling	Change Request	Normal	0/0		Anirban Guharaja
Ø	Refresh		4 🧟	ው ጥ	TI-3963 Schwarz User Exit ( Waiting to be appro BGREEN, CFAUTH, Show all transports	0610 ved into ACD DEVTEST, Die	- Dev System by you, Ar go Lombardini, Gabor F	nine BEKKAT, Anirban Guharaja, arkas, Gergo Nguyen Viet, Imma	Agile	UK	Change Request	Normal	2/0	¢× × †	Q BGREEN
		TE-4045 TE-4045 CM CP Wating to be approved into ACD - Dev System by you, Amine BEKKAT, Anirban Guharaj BGREEN, CFAUTH, DEVTEST, Diego Lombardin, Gabor Farkas, Gergo Nguyen Viet, Imm Show all transports						nine BEKKAT, Anirban Guharaja, arkas, Gergo Nguyen Viet, Imma	Agile	UK	Change Request	Normal	1/0	t× ×ð	<b>Q</b> BGREEN
		softad test											010		Ω



#### **Configuration Steps**

No configuration is required to enable Task screen filtering within the Web UI.

**When a Filter is applied, the Field heading will be shown in** *Italics***.** 

# 3.1.6. Addition of SID to location field

The System ID (SID) has been added to the start of the existing Location field presented in the Web UI on Transport list screen as part of ActiveControl 8.50

This small optimisation was requested by a number of customers in recent years to make it easier for their users – most of whom are typically more familiar with the SAP SID (eg "S4D") than the longer system descriptions configured (eg "S/4 Production Support Development system") within ActiveControl – to understand where a Transport is in the SAP landscape.



Figure: The SID is now seen at the start of the Location field in the WebUI transport list screen.

#### **Configuration Steps**

No new configuration is required to see the SID at the start of the Location field within the Web UI.

## 3.1.7. Self-upload User image via WebUI

It has always been an ActiveControl Administrator responsibility to upload User images seen within the WebUI, using transaction SMW0 in the SAPGUI backend of the ActiveControl Domain Controller. This manual administrative overhead has generally resulted in most Basis Technologies customers not making use of the image capability within the WebUI, because of the time-consuming ongoing effort to maintain the images, particularly in organisations with larger user communities.

On the back of customer feedback, ActiveControl 8.50 introduces a new (optional) capability for end users to add/remove their own images via the Web UI.

ActiveControl	🕜 Dashboard	diá Analytics	Overview	Projects	Reports			Search	Q	Default Web User Role   <b>Ro</b> Edit details   Delegate approvals	ss McLanachan Help   Log out	R
Save	User ID:	RM	ICLANACHAN									
	User picture:			-								
	Employment typ	e:				•						
	Supplier:					÷						
	Location:					Ŧ						
	Cost band:					•						
	Role:	1	Default Web User	Role		*						
	Start date:											
	End date:											
	Contact number		ASDASDASD									

Figure: Users can now upload their own user image via the 'Edit Details' section on the WebUI.

#### **Configuration Steps**

1. Enable parameter TE\_WEBGUI\_CUSTOM\_USERPICS in table /BTI/TE\_TVARV in the ActiveControl Domain Controller.

Ta Di	ble:	Fi	xed Co	olumns	s: [2] List Width 0250	
	NAME	NUMB	SIGN	OPTI	LOW	HIGH
	TE_WEBGUI_CUSTOM_USERPICS	0001	I	EQ	x	

2. An ActiveControl end user can thereafter upload their own image themselves via the WebUI.

It is only possible to upload .jpg, .jpeg and .bmp image formats. In addition, user images must be less than 2MB in size. This is intentional as part of the design of this new feature, to avoid large files having a detrimental impact on the sizing footprint of ActiveControl in the Domain Controller SAP system. A message will be presented to the User if they try to upload files larger than 2MB.

\* If this Feature has not been enabled via the new parameter mentioned above, users will be presented with a message "Uploading pictures has been restricted. Please contact your local ActiveControl Administrator."

# **3.2. Enhanced Rules Engine**

ActiveControl 8.0 introduced a powerful new 'Rules Engine' that facilitated much more flexibility and granularity around both Approvals and Skipping within ActiveControl.

The Rules Engine has seen a lot of uptake over the last two years, both at new Basis Technologies customers and also at existing ActiveControl users choosing to migrate over to the Rules Engine during upgrades of ActiveControl, to benefit from the functionally richer capabilities than were previously available via the legacy Approvals and Skipping concepts (and also the Transport of Copies capability added in ActiveControl 8.40).

Given its popularity, the Rules Engine continues to be a key part of ActiveControl that Basis Technologies continue to enhance. ActiveControl 8.50 introduces two important new capabilities within the Rules Engine:

Testing Consumer Audit Reporting

# 3.2.1. Testing Consumer

Within the Rules Engine, the existing Approvals Consumer enabled granular structures around Inbox/ Outbox approvals within the ActiveControl workflow, based around assignment to User Roles within the Windows GUI configuration. Test Queue signoffs within ActiveControl have always been different to Inbox/Outbox approvals, in the sense that the assignment of Testers is done at an individual Business Task level, rather than as a configuration activity performed via authorised Administrators.

Over the years, many Basis Technologies customers have highlighted that the assignment of Testers to Business Tasks was often a highly repetitive exercise, since it was generally always the same people performing certain testing within their organisation. For example, many customers have dedicated Testers in particular systems (eg Regression Test Team) or specific Testers that perform the validation on particular types of changes (eg Finance Testers, Supply Chain Testers etc).

As such, ActiveControl 8.50 introduces a new Testing Consumer (via new configuration table /BTI/ TE\_RE\_TSTER) as part of the Rules Engine, to help automate the assignment of Testers. At the time of saving a Business Task (either a brand new Business Task, or one that has recently been changed), the Testing consumer will process any rule conditions that have been setup, and automatically assign Testers based on them being part of the corresponding User Roles within ActiveControl.

Ta Di	ole: /BTI/TE_RE_TSTER splayed Fields: 7 of 7 Fixed Columns:	[7] Li	st Width <mark>0250</mark>				
	STEP	ROLE_TYPE	USER_ROLE_ID	ALL_SYSTEM	SPECIFIC_TARGET	TARGETROLEID	SYSTEM_TYPES
	AUTO_ASSIGN_TESTER_D01 AUTO_ASSIGN_TESTER_FI AUTO_ASSIGN_TESTER_SD AUTO_ASSIGN_TESTER_T03	PROJECT ROLE ROLE ROLE	000000000000000000003 0000000000000000	×	0023 0000 0000 0011	100171006000000000001	QUALITY

Figure: New /BTI/TE\_RE\_TSTER consumer table as part of the Rules Engine.

#### **Configuration Steps**

More information on the Tester Consumer can be found in this <u>online Change Note</u>.

Some example configuration can be found in seperate Knowledge Articles:

- (i) Assign specific Testers to all Business Tasks
- (ii) Assign specific Testers based on specific Business Task [Group].
- (iii) Assign Testers to all Business Tasks based on an ActiveControl Project user role assignment

p(banner important). Please note that the Tester consumer only covers the assignment of Testers, but NOT the removal of Testers as well. If a Tester is removed from a User Role, they will not be automatically removed as Testers from any Business Tasks that they were previously automatically added to due to being assigned to the User Role. Removing a Tester from a Business Task needs to be done manually, either within individual Business Tasks or by using the backend utility report /BTI/

#### TE\_RMASS\_TESTERS.

Please note that the assignment of Testers to User Roles can be governed via SAP Role assignments if desired, using the functionality added in earlier ActiveControl 8.40 release and detailed in this <u>seperate Change Note</u>.

# 3.2.2. User Role audit report

Over the last year, the Rules Engine approvals consumer has been getting implemented more and more by Basis Technologies customers wanting to benefit from its increased flexibility and granularity around approvals within the ActiveControl workflow. As this has happened, a few customers have commented that there is no easy way to view and audit the configured Approvers without accessing the Windows GUI configuration screens and the backend Rules Engine tables.

As such, ActiveControl 8.50 includes an enhanced version of the existing **Approvers by Target & Location** report (txn: /n/BTI/TE\_RAPPROVERS) to faciliate this.

✓ ✓	(└→ Cancel More ∨	
Target ID   Rules Engine Approvers  Legacy Approvers		

Figure: New Rules-Engine based option on the report selection screen.

System	Targ	Target Description	Location	User Id	User Name	Business Role
D01	57	S/4 Development (Prod Support)	Outbox	JBARTER	James Barter	Peer Reviewer - Logistics
D01	57	S/4 Development (Prod Support)	Outbox	JDUGGER	Jim Dugger	
D01	57	S/4 Development (Prod Support)	Outbox	PYABSLEY	Peter Yabsley	
D01	57	S/4 Development (Prod Support)	Outbox	RMISTRY	Raj MISTRY	
D01	57	S/4 Development (Prod Support)	Outbox	DKROPP	Dominik KROPP	Peer Reviewers - ABAP
D01	57	S/4 Development (Prod Support)	Outbox	KSOLAIMUTHU	Kalidass Solaimuthu	
D01	57	S/4 Development (Prod Support)	Outbox	LHEALD	Liz HEALD	
D01	57	S/4 Development (Prod Support)	Outbox	MURBANI	Marcello Urbani	
D01	57	S/4 Development (Prod Support)	Outbox	RMISTRY	Raj MISTRY	
D01	57	S/4 Development (Prod Support)	Outbox	GFARKAS	Gabor Farkas	Peer Reviewers - Basis
D01	57	S/4 Development (Prod Support)	Outbox	TCSIPES	Tamas Csipes	
D01	57	S/4 Development (Prod Support)	Outbox	KSOLAIMUTHU	Kalidass Solaimuthu	Peer Reviewers - Finance
D01	57	S/4 Development (Prod Support)	Outbox	MURBANI	Marcello Urbani	
D01	57	S/4 Development (Prod Support)	Outbox	PGOMEZ	Patricia Gomez	
D01	57	S/4 Development (Prod Support)	Outbox	TCSIPES	Tamas Csipes	

Figure: Report output will detail the Approvers (and associated User Role) associated to the desired Target(s).

For customers using the earlier Target Inbox/Outbox configuration for Approvers, the 'Legacy Approvers' option should be used on the selection screen.

## 3.3. New Dynamic Dropdown custom field

ActiveControl has long offered the capability for customers to create custom fields at (1) Transport Form, (2) Business Task and more recently (3) ActiveControl Project screen level.

Over the years, numerous customers have raised two Requirements to Basis Technologies:

i) the ability for the value selected in one standard or custom field dropdown to drive the values seen in another custom field dropdown

ii) the ability to have a four level hierarchy within ActiveControl, to cater for scenarios such as:

Programme > Project > Business Task > Transport Form Release > Sprint > Business Task > Transport Form Wave > Release > Business Task > Transport Form

As such, ActiveControl 8.50 introduces a new Dynamic Dropdown custom field type to enable customers to achieve both of these requirements

Custom Field	l Propertie	s		>
ID		500		
Field Label:		Region		
Type:	Type:			~
Maintenance <u>S</u> tatus:		Required		~
Field Type:		Drop-down	List	~
Field Tab:				~
	Possible c	oded values a	nd the text to displa	γ:
Add Item	Code		Text	
Additem	1		Asia	
Delete Item	2			
Movelle	3		Americas	
MOVE OP				
Move Down				
			OK	Cancel

Custom Field	d Propertie	s		×				
ID		512						
Field Label:		Country						
Type:		Task		$\sim$				
Maintenance	Status:	Required		~				
Field <u>Type</u> :		Dynamic D	rop-down List	~				
Field Tab:				~				
Parent Field:		Task: Regi	Task: Region					
Mapped Pare	ent Value:	Europe	~					
	Possible c	oded values a	and the text to display:					
Add Hom	Code		Text					
Additem	1		India					
Delete Item	10		Mexico					
	11		United Kingdom					
Move Up	12		France					
Move Down	13		Spain					
more power	2		China					
			ОК	Cancel				

Figure: In this simple example, a Country 'Dynamic Dropdown' is linked to a parent source 'Region' dropdown field. Country values are linked to specific Region value

Gener	al Additional Data	CAB Notes	Stakeholders	Dependencies	User assignments	Testers	Status & Histo	ry Attachments								
JIRA R	eference:															
Region	c	Asia					· [	General Additi	onal Data	CAB Notes	Stakeholders	Dependencies	User assignments	Testers	Status & History	Attachments
Countr	у:	1					· .	IRA Reference:								
		China								-						
		Japan						Region:		Europe					r	
		India						Country:							-	
									Ì							
										Denmark						
										United Kingdo	m					
										France						
										Spain						

Figure: As a result, the Country dropdown only shows the relevant values for the Region selected.

#### **Configuration Steps**

More details on this feature – along with the configuration – can be found in this online Change Article

# 3.4. 1-minute Import Schedules

The greatest frequency of automated Imports within ActiveControl has always historically been every 5 minutes.

A few customers have commented that they would like more frequent automated deployments over the years – and so a new 1-minute (and 2-minute) schedule is now possible as of ActiveControl 8.50



Figure: More frequent ActiveControl automated import Schedules can now be created.

#### **Configuration Steps**

The 1-minute (or 2-minute) schedule is created via the usual way in the Windows GUI configuration screen.



## 4.1. New Shiftleft: "SAP Level Checks" (0071)

Over the years, Basis Technologies customers and their SI partners have made various suggestions to Basis Technologies relating to checks against SAP transports that were not possible in our existing suite of ShiftLeft analysers, these included the following capabilities:

1) **the ability to indicate if a TR contains more than a certain number of objects** (so that Approvers/ Basis teams are aware that a TR might take a long time to import as it contains many hundreds/ thousands of objects, or potentially even to avoid a Developer releasing a TR that contains so many objects and instead being forced to split it up.)

2) **the ability to highlight if a TR has been deleted at SAP level** (to avoid the situation of the corresponding Transport Form being inadvertantly approved and landing in an Import Queue and causing a System Error and potentially holding up the deployment of other transports.)

3) **the ability to highlight if the underlying data/cofiles for a TR no longer exist at SAP level** (similar to 2, to avoid the situation of the Transport Form resulting in a System Error during import.)

4) **the ability to indicate if a TR contains no objects** (to avoid the situation of empty transports being deployed to Test Systems and beyond due to human error.)

ActiveControl 8.50 introduces new Shiftleft: SAP Level Checks (0071) analyser to accomodate the above four checks. This is done via Parameters – ie it is possible for a customer to configure the Analyser to do some or all of the checks, depending on their own individual requirements.

🔺 🔺	analysis Results		_ = ×						
•••	Expand All 🕋 Collapse All 📄 Show Explanations 📿 Clear Selection								
Ξ	1 transport(s) found with more than 100 object(s)								
	The following transpo	orts contains more than 100 object(s)							
	Transport Description								
	AC-324234 New Billing Report								

Figure: 0071 highlighting a Transport contains more than a (configurable) number of objects

🔺 Analysis Results		×
Expand All Collapse All Show Explanations Clear Selection		
1 transport(s) found to be deleted in SAP         The following transports have been deleted at SAP level and cannot be approved/imported via ActiveControl.         Transport         ACDK913201		

Figure: 0071 highlighting a Transport has been deleted at SAP level

🔺 Analysis Results		-		×				
Expand All The Collapse All Show Explanations Clear Selection								
I transport(s) found with no cofile or data file in SAP         The Data or Cofile appears to be missing from the expected Development usr/sap/trans location. Please check.								
Transport	Transport Description							
ACDK909746	AC-324234 New Billing Report							

Figure: 0071 highlighting a Transport data/cofiles have been deleted at SAP level

🔺 Analysis Results	_ <b>_</b> ×							
Expand All Collapse All Show Explanations Clear Selection								
리 transport(s) found to be empty in SAP This transport does not contain any objects. Are you sure you want to approve these transports?								
Transport	Description							
ACDK909746	AC-324234 New Billing Report							

Figure: 0071 highlighting that a Transport contains no objects

#### **Configuration Steps**

(0071) SAP Level Checks is configured in the Windows GUI target configuration screen in the usual manner; a new parameter exists for each of the checks. More information on this new Analyser – and instructions on how to configure it – can be found in this online <u>Change Note</u>.

# 4.2. Enhanced 'Check Custom Field Entered' (0057)

ActiveControl 8.50 (and actually 8.40.1 Cumulative Patch) introduces an enhancement to the existing Shiftleft: Check Custom Field Entered (0057) analyser.

Shiftleft: Check Custom Field Entered (0057) was added a few years ago as part of ActiveControl 7.0 to enable customers to check that a specific custom text field had been populated with any value. This was subsequently enhanced as part of ActiveControl 8.2, to also cover Dropdown, Checkbox and Date custom field types.

As part of latest ActiveControl release, it is now possible for 0057 Analyser to check for a specific value in a field (rather than the field being empty). One example use-case for this new capability is for Customers that want to flag if a custom field integrated across from other tools like ServiceNow or JIRA do not have a specific value.

Basis Technologies ActiveControl										-	σ×
Eile Edit View Tools Actions Help											
🕼 Create Transport <u>F</u> orm 📋 Create Business <u>T</u> ask	Refrest	h <u> </u>	elete	Details Pane Look for Trans	ports:						
Transports	1 0	Outbox of	ECC BAU Developme	ent							
🐺 🐂 🖵 Transport Paths 🔹 👧 Transport Selection 🗸		¥ 🕇	View: By Project and T	Fask 🔹 Groups (All) 🔹 🏒 🗛	nalyse • 🦪 ShiftLeft • 🚹	Approve 📿 Reject					
• DEV	*	- BAU Ma	ay Week 1								
BAU		D	go Reference	<ul> <li>Subject</li> </ul>		Group	Туре	Deployment Status		옷 👁	5
ELC - BAU		_	AC-2323423	New Change Roles		(None)	Change Request	Ready for Merge			
Import Queue		D	👌 Request	Description		Group	Requested By		Released /	Xt ⊕	, B
Test Queue		í o	D01K959746	AC-2323423 New Change Role	es	SAP_FICO_CUST	Ross McLanachan		Not Released	1	
Outbox (1)											
I01 - ECC - Test - Americas											
Inbox			Analysis Results						_ <b>_</b> ×		
Import Queue									~		
Test Queue			Approve Anyway	Expand All 🚹 Collapse All	Show Explanations 🗸	lear Selection					
L_I D03 - ECC - Production	=										
E Import Queue			_ Custom fields en	tered check results							
ACD - S/A Development Merge			I ne following tran	hsports/tasks has custom fields th	at are not entered or does no	ot match analyser param	eter.				
Inbox (1)			Transport request/B	Business task	Fiel Custom field		Information				
Import Queue			New Change Roles	- AC-2323423	538 Change Manage	rApproval	ServiceNow not app	proved yet			
Test Queue											
TO4 ECC Tost Europa											

Figure: 0057 Analyser can now (optionally) warn if the Custom Field does NOT have a specific (configurable) value.

#### **Configuration Steps**

New CUSTF1\_VAL, CUSTF2\_VAL, CUSTF3\_VAL parameters can be configured as required, to check for specific value in up to three Custom fields.

More information on this Enhancement be found in this online Change Note

### 4.3. Enhanced "Changes to Same Object Path (0055)

ShiftLeft: Changes to Same Object Path (0055) is a popular analyser at Customers for several years, as a way of highlighting other transports sitting further forward or back (or both) in the Path that contain the same Objects as the transport(s) being analysed.

Customers have raised a few suggestions on how to enhance this Analyser, which have been included as ner parameters on 0055 analyser as part of ActiveControl 8.40 to enable the following:

#### **Exclude Project:**

Results in in any Transports associated against Business Tasks associated to the same Project from being excluded from the Analyser results. This can be useful for avoiding 'spurious' warnings relating to changes to the same objects in other Transports that are already planned to be delivered as part of the same Project.

#### **Exclude Merge parameter**

Result in any Merge transports containing the same objects from not being shown as part of the 0055 Analyser results.

#### **Exclude TOC parameter**

Results in any Transport of Copies (TOCs containing the same objects from being excluded from the Analyser results. This can be useful for Customers that are using TOCs as part of their testing process – to avoid them from being presented when using the Analyser to look forward in the Path to see what other transports contain the same objects

#### **Configuration Steps**

New (optional) EXCLUDE\_PROJECT, EXCLUDE\_MERGE and EXCLUDE\_TOC parameters can be configured as required, to reduce the number of Analyser warnings depending on the Customer's own requirement.

### 4.4. Enhanced 'Overtake/Regression' (0031)

In certain circumstances – the 0031 Overtake/Regression analyser will warn about Transport of Copies when moving the original Transport to Production.

Given most customers would not see this as a true overtake/regression (because most SAP customers would never deploy such TOCs to Production) – a new EXCLUDE\_TOC parameter has been added to the Analyser to enable customers to suppress these TOC warnings if they do not require them.

ocation			Outbox Approvers		
		Sett	ings		
✓ AII			Parameter	Value	
- Import	Queue	-	Attributes		
····· lest Qu	ueue		ld	0031	
			Name	Sequence: Overtake and Regress	ion
			Mandatory	No	
			Check Subsequent Target	No	
nalysis Type			Approval & Import Prevention		
	-	Ξ	Parameters		
ld	Description	•	EXCLUDE_TOC	× .	$\sim$
✓ 0000	General Analysis		KEY_NO_RELATED_VIEWS		
0030	Check Dependencies		KEY_NO_WILDCARDS		
✓ 0031	Sequence: Overtake and Regre.		NO_CACHE		
0032	Locked Transport Forms		SHOW_CONFLICTING_OBJ_KEYS		
	Authorisation to Approve/Import				
0034	Transport Release				
0035	Connict Analysis Chock Marga Origin				
0030	Incomplete Manual Steps				
0039	Incomplete Manual Activities				
0001	Risk Guard				
0016	Dev Enforcer: Standards				
<	>				

Figure: New EXCLUDE\_TOC parameter against 0031 Overtake/Regression analyser.

#### **Configuration Steps**

1. Enable new EXCLUDE\_TOC parameter against 0031 via the usual Windows GUI configuration

screen.

Generally, customers do not need to switch on 0031 Analyser – because it runs automatically as part of the General Analyser. Only customers wanting to exclude TOCs from the Analyser output should need to enable 0031 (and set the parameter)

## 4.5. Enhanced 'Check Dependencies' (0030)

The existing Check Dependencies (0030) analyser has been enhanced to include a new IGNORE\_RELATED\_TASKS parameter.

This small optimisation is to enable customers to 'opt-out' of using the new Related Business Tasks functionality also being introduced as part of ActiveControl 8.50

#### **Configuration Steps**

1. Enable new IGNORE\_RELATED\_TASKS parameter against 003 via the usual Windows GUI configuration screen.

### 4.6. Enhanced 'Deep Impact Analysis' (0060)

Deep Impact Analysis (0060) analyser is a popular Shifleft analyser to help identify missing lower level object dependencies when moving a transport to a target system.

ActiveControl 8.50 introduces three enhancements to the existing 0060 analyser on the back of various customer feedback.

# 4.6.1. Exclude Target(s) from Analysis

Increasing numbers of Basis Technologies customers operate "1:Many" type SAP landscapes – ie they have a Single Development system feeding multiple Test systems. Since some customers have certain *ancillary* parallel Targets that they do not want to be warned about missing dependencies, it is now possible to exclude Targets from the Analysis.

та Di	ble:	Fi	xed Co	olumns	s: [2] List Width <mark>0250</mark>	
	NAME	NUMB	SIGN	OPTI	LOW	HIGH
	DEEP_IMPACT_TARGETS_TO_IGNORE	0001	I	EQ	0231	
L			-			

Figure: Targets can be excluded via /BTI/TE\_TARV table.

#### **Configuration Steps**

New DEEP\_IMPACT\_TARGETS\_TO\_IGNORE parameter should be maintained in table /BTI/ TE\_TVARV for each *NNNN* Target to be excluded from the 0060 Analysis.

# 4.6.2. Target information for missing object(s)

Increasing numbers of Basis Technologies customers operate "1:Many" type SAP landscapes – ie they have a Single Development system feeding multiple Test systems.

Since Transports might be deployed to difference cadencies within a "1:Many" type landscape – the Target information has now been added to the Analysis output as part of ActiveControl 8.50, so it is clearer what target SAP system the object is actually missing from.

Analysis Results													_ = ×
Expand All 🕋 C	ollapse	All Show	Explanations 📿	) <u>C</u> lea	r Selection	1							
1 dependency i The following ite fail if you try to i	<b>not fou</b> ems hav mport ti	nd in the targe e dependencies hem into this sys	et system(s) on other objects stem.	. Thes	e dependa	ant objects are	e not in	in the follo	wing system and not in any o	f the transports you have cu	rrently selected to appro	ve/import. It is therefore likely th	at the transports listed will
Request/Task	Prog	Object Type	Obj. Name	Lev	Notes	Or. Prg id	/ Or.	Object	Or. Object name	Short Description	Transport Missing	Transport Missing Description	Target Checked
ACDK921338	LIMU	FUNC	Z_DIA_FUMO	1		R3TR	PR	ROG	Z_DIA_FUMO_REPORT	DIA: New FuMo report	ACDK921340	DIA: New Function Module	0211 - S/4HANA QA System

Figure: Target information for missing objects is now presented as part of the 0060 analyser output.

#### **Configuration Steps**

No configuration is required.

# 4.6.3. Transport information for missing object(s)

Transport information (both TR number and description) are now seen in the 0060 Analyser output, so that it is easier to locate where the dependent object is in the workflow.

Analysis Results												
1 dependency not fou The following items ha	<b>nd in the ta</b> ve depende	rget system encies on other obj	ects. Thes	e depe	ndant o	bjects are not in the fo	llowing system and not in a	any of the transports you have currentl	y selected to approve/import. It is therefore likely that the tr	ansp	orts listed will fail if you	u try to import them into this system.
										Г		-
Request/Task	Progr ID	Object Type	Obj. Na			Or. Prg id	Or. Object	Or. Object name	Short Description	-		Transport Missing Description
ACDK921330	R3TR	DTEL	Z_D	1		R3TR	PROG	Z_DIA_DATAELEMENT_REPORT	DIA: Report with new Data Element	Γ	ACDK921332	DIA: New data element
										-		

Figure: Transport information for the missing object are now seen as part of the 0060 analyser warning.

#### **Configuration Steps**

No configuration is required.

# 5. Integration (AC8.50)

# **5.1. Enhanced ServiceNow Integration**

### 5.1.1. Field updates post initial BT creation

Until now, the ActiveControl / ServiceNow integration has not catered for field updates, ie making a change to a mapped field in ServiceNow did not update the corresponding standard or custom field on the ActiveControl Business Task. As a result, the data could sometimes get out of sync without manual dual maintenance within ActiveControl.

On the back of a recent customer engagement, the ServiceNow update set has been enhanced as part of ActiveControl so that updates are now supported by the Integration.

#### **Configuration Steps**

To benefit from updates as part of the ServiceNow integration, an existing Customer will need to update to the latest version of the ServiceNow update set. This is available on request from Basis Technologies.

### **5.1.2. Approvals triggered by status change**

Until now, the ActiveControl / ServiceNow integration has not catered for approval scenario – whereby a status change in ServiceNow could be used to automatically trigger an Inbox or Outbox approval within ActiveControl

On the back of a recent new customer engagement, the ServiceNow update set has been enhanced as part of ActiveControl so that such auto-approvals can be done in ActiveControl based on a status change in ServiceNow.

#### **Configuration Steps**

To benefit from updates as part of the ServiceNow integration, an existing Customer will need to update to the latest version of the ServiceNow update set. This is available on request from Basis Technologies.

# 5.2. Enhanced ChaRM integration (CD based approvals)

ActiveControl has offered a ChaRM integration since 2018 (ActiveControl 7.20), whereby SAP customers that had already implemented SAP ChaRM could also benefit from ActiveControl functionality such as Merge and ShiftLeft. This integration has been implemented several times with customers.

Part of the existing Integration allows an Inbox/Outbox approval to be automatically triggered via a ChaRM Change Request (CR) status move.

ActiveControl 8.50 enhances this on the back of a Customer request, so that the approval can now alternatively be triggered via an individual Change Document (CD) status move.

#### **Configuration Steps**

Please refer to seperate ChaRM integration guide for details on how to setup the ActiveControl/ChaRM integration. It should be noted that this Integration requires additional transports that are seperate from the main ActiveControl software transports. It should also be anticipated that some Basis Technologies consulting services will be required to support new customers setup the ChaRM integration.

# 6. Employee Central Payroll (ECP)

Please note that ActiveControl was approved for use on SAP Employee Central Payroll (ECP) system during early 2021.

As such, ActiveControl can be used to manage changes to the ECP system hosted by SAP in the same way as any other on-premise or cloud-hosted ABAP system.

Details of the SAP approval for ActiveControl add-on to be used on ECP can be found in this SAP Note: https://launchpad.support.sap.com/#/notes/2167337

# 7. Other Enhancements (8.50)

# 7.1. Restrict file size of Attachments

Prior to ActiveControl 8.50, it has always been possible to upload files of any size into ActiveControl. Several customers raised that this was having an increasingly significant impact on the sizing footprint of ActiveControl within the Domain Controller SAP system, as users were uploading extremely large MB file size attachments. As such, they requested that we add a capability for customer Administrators to be able to limit the filesize of Attachments uploaded into ActiveControl.

Pro-forma invoice - address issues	
AC-23423421	
	apendencies User assignments Testers Status & History Attachments Comments
Attachments:	
<b>b</b> For testing 0051 - 1	Error x
	Attachment file size too big. The maximum file size that can be uploaded to ActiveControl is 10 MB
	ок

Figure: A new message will be presented if trying to save a file attachment bigger than the defined limit into ActiveControl.

#### **Configuration Steps**

The restriction of file sizes for Attachments is configured via a new parameter MAX\_FILE\_ATTACH\_SIZE in table /BTI/TE\_TVARV.

Ta Di	ble: /BTI/TE_TVARV splayed Fields: 6 of 6	Fi	xed Co	olum	ns:	[2] List Width 0250	
	NAME	NUMB	SIGN	орт		HIG	GH
	MAX_FILE_ATTACH_SIZE	0000	I	EQ	10		

Figure: The maxium limit (in MB) is defined via table /BTI/TE\_TVARV.

For more information, please refer to this online Change Note.

### 7.2. Include custom fields in Merge process

Prior to ActiveControl 8.50 – custom fields on Transport Forms were not replicated on the Transport Form of Merge TOC during 1:1 Merge.

Some customers raised this as a gap – in that some of these fields on the source Transport Form was also important to be seen in the TOC Transport Form, to help drive some of the skipping or approvals process on the target landscape.

As such, ActiveControl introduces a new configuration option to include custom fields as part of the 1:1 Merge process.

Target Properties - Merge (ACD)	×
General Import Options I Import Options I Inbox Approvers Outbox Approvers Analysis Types	
Merge / Parallel Development Streams (Continued)	
Transport target for merge requests	
Merge Size 1:1 V Merge Path TEST DUAL SIDS Project V	
Merge Type Merge Group Merge Group Stop on BW post-processing error	
Merge Task On Error : Continue	
For 1:1 merges automatically copy over transport form manual step details	
For 1:1 merges make the merge transport form owner the same as the original owner	
For 1:1 merges copy custom fields to merge transport form	
Onconditional modes Automatically apply the following unconditional modes when importing a transport request into this target regardless of what unconditional modes are	

Figure: New optional configuration can be used to migrate Custom Field values to a Merge TOC during the 1:1 Merge scenario.

#### **Configuration Steps**

1. Switch on the new "For 1:1 merges copy custom fields to merge transport form" configuration option.

# 7.3. User Exits / Hooks

# 7.3.1. Save Files to 3rd Party Document Respositories

Three new User Exit points have been introduced as part of ActiveControl 8.50 – to facilitate customer specific processes around the Creation, Changing and Deletion of Attachments within ActiveControl.

Attachment Create:- /BTI/TE\_EXIT\_SAMPLE\_0013 Attachment Change:- /BTI/TE\_EXIT\_SAMPLE\_0014 Attachment Delete:- /BTI/TE\_EXIT\_SAMPLE\_0015

The specific customer requirement for which they were introduced was so that a new Basis Technologies customer could force documentation to be saved in a 3rd Party Document Management repository instead of within ActiveControl Domain Controller, as they didn't want to store files within the SAP because of the sizing footprint implications).

#### **Configuration Steps**

1) Copy the sample FMs via SE37 (in the AC Domain Controller) and create own Customer-specific Z versions as required.

2) Enable via the usual /BTI/TE\_EXITC table (again, in the AC Domain Controller)

These user exits were delivered for a new ActiveControl customer earlier in 2021, and are already being used by that customer to save file in Opentext IXOS instead of SAP.

# 7.3.2. Prevent linking of Transport Form to multiple Business Tasks

It has always been possible within ActiveControl to associated a Transport Form to more than one Business Task, however this was legacy functionality that is generally not recommended, and does not work well with some of the newer functionalities such as Partial Testing (ie the ability to sign off test queues on individual Transport Forms) and the Rules Engine.

In the past, many Customers that didn't want to let their users purposely or accidentally link a Transport Form to multiple Business Tasks implemented a user exit 0010 that would present a message to the user if they attempted to do it, and prevent them from saving the Transport Form if it has more than one Business Task associated to it.

Since Basis Technologies generally do not recommend to our customers to link a Transport Form to more than one Business Task anyway – ActiveControl 8.50 introduces a new Windows GUI configuration option to enable Administrators to prevent it from being done, without having to enable a user exit solution.

Configuration	X
<u>File T</u> ools	
Check Configuration -	
Targets and Transport Paths   Target Roles and Transport Schedules   Classification   Fields	Administrators and Priority Approvers User Roles Planning Task Statuses Other
Other Options	
Require transport forms to be assigned to related tasks	Automatically delete from STMS import queue after transport import
Allow team members to delete transport forms of transports that have been imported	Auto-generate Task References with prefix: ACD
Configured testers only to complete testing	Require reason on transport Approve/Import Anyway
Enable "Add to Control Point" function	Default "Allow progress when incomplete" for new manual steps
Cache remote transport data	Warn if 'Allow Progress' unchanged
Hide transports originating in 'hidden' systems	Prepopulate Type, Group, Path in new transport forms from last used value
Request password re-entry on approval	Control adding/removal of attachments via authorizations
	Prevent Transport Form being linked to more than one Business Task
Analysis	
Analysis Mode	
Enable cross path conflict checks for non-hidden Targets	
Task Statuses	
Planning Status Calculation	

Figure: New 'Prevent Transport Form being linked to more than one Business Task' configuration option in the Windows GUI



Figure: Error message 'This Transport Form cannot be linked to more than one Business Task' will be presented to user if the new configuration option is switched on

#### **Configuration Steps**

The new configuration option is switched on via the Other tab within the Windows GUI configuration screen.

More information can be found in this online Change Note

## 7.4. Recurring Automated Approvals

Back in ActiveControl 7.0, automated 'Exception-based' approval capability was added to ActiveControl. This feature allowed Transport Forms to be automatically approved in a defined control point location, if the Analysers ran and found no issues. That said, the original design meant that if the Analysers did find an issue, the Transport Forms would stop for a manual approval – and never be re-considered in that same control point location for Auto-approval.

Since ActiveControl 7.0, a couple of Customers fedback that they would like enhanced capability so that Transport Forms that initially failed an Automated Approval *would* be reconsidered again for Automated Approval when the process ran again.

As such, ActiveControl 8.50 (and indeed 8.40.N cumulative patch) introduces this capability.

#### **Configuration Steps**

More information on the configuration and use of this capability can be found in this online Change Note.

When using this capability, it should only be run periodically (eg ever 30 minutes or less frequently) *and* with a small number of Analysers configured to run in that control point location (and not the more system-intensive analysers such as Deep Impact Analysis, Test Impact Radar or Conflict Analysis). There could be adverse performance impacts in the Domain Controller from running recurring Automated Approvals more frequently.

## 7.5. Enhanced SCC1 error visibility

Automated SCC1 within ActiveControl has become quite a popular feature within the tool following its addition in 2017.

One feedback we got from a Customer in early 2021 was around the visibility of errors during the SCC1 process. As such, we have optimised this part of the process as part of ActiveControl 8.50 (and indeed since 8.40.5 Cumulative Patch) by introducing three new features as part of the process, to provide more transparency and auditability of issues.

1. New error message presented in the Web UI and Windows GUI at the point of an automated SCC1 issue during auto-release.

POC2 Version Comparison (3.4 Regression)           ⊂ 4 <sup>n</sup> <sup>n</sup> Version Comparison (3.7)           Other Version Comparison (0.0306)           Import Queue (18)           Guttor (36)           Outbox (4.6)           Inbox (14)           Import Queue (2)           Test Queue (2)           Test Queue (2)           Test Queue (3)	 D01K960053 D01K960054 D01K960055 D01K960056 D01K960057 D01K960059 D01K960059 D01K960068	ZPDC ZPI ZPI ZPI ZPI ZPI ZPI	24142_v2 Tet Result Elle Insert @ Bave and Close Save and Approve Testing @ Berenil Test Result @ Testing Successful	3	Not Released Not Released Not Released Not Released Not Released Not Released Not Released	AC_RFC_103 AC_RFC_103 AC_RFC_103 AC_RFC_103 AC_RFC_103 AC_RFC_103 AC_RFC_103 AC_RFC_103 Paulo Da Costa
T01 - Version Comparison (00:0311)     import Date:ex (1)     Test Datue     Outloo     Outloo     Stapping and Approval Rules Engine     The Code Cave Group     Oerrick TOC Path			Information X Automatic relate on test results approval has failed. Request DRIS0006 client cogleannot be performed for clients: 110 OK			

%(color-gray)Figure: New SCC1 error message seen during the point of an SCC1 issue.

2. A new Event will be logged on the [Transport Status and History] tab in the Transport Form -

"Error performing Client copy (SCC1)

Eile Attachments	
🖉 Save and Close 📲 Request Properties 🥢 Attach File 🔀 Insert URL 🐥 Check for Conflicts 🕋 Copy Contents To Clipboard	
General Transport Request Details Transport Status and History Transport Logs Advanced Options Manual Steps	
Transport Status and History	
Status Users	
Waiting to be approved out of D01 - Ross Nolan	
Event History When V By	-
Released using ActiveControl 11/03/2021 01:57:24 Ross NOLAN	
Error performing Client copy (SCC1). 11/03/2021 01:57:20 Ross NOLAN	
Test results updated D01 - Ross Nolan 11/03/2021 01:56:58 Ross NOLAN	
Approved into D01 - Ross Nolan 11/03/2021 01:55:28 Ross NOLAN	
Entered into ActiveControl 11/03/2021 01:53:53 Ross NOLAN	
Transport form added to business task RN_13193 11/03/2021 01:53:53 Ross NOLAN	

%(color-gray)Figure: New SCC1 error event on a Transport Form.

#### 3. This Event can also be seen in the existing 'Transport / Task Activity & Events Audit' Report Transport / Task Activity & Events Audit Report

Target ID SID	Target Des	Action	Location	Error	Ret. code	Request ID	Short Text	Creation D	Group	Туре	Owner	Event User	Event Date	Event Time	Rejection	Rejection
		Client Copy		Import Error		D01K959932	RNTest 13193 #11	11.03.2021	Basis	Customising		Ross NOLAN	11.03.2021	01:57:20		-
		Transport Form Created				D01K959932	RNTest 13193 #11	11.03.2021	Basis	Customising		Ross NOLAN	11.03.2021	01:53:53		-
		Transport Released in TE				D01K959932	RNTest 13193 #11	11.03.2021	Basis	Customising		Ross NOLAN	11.03.2021	01:57:24		

%(color-gray)Figure: New SCC1 error event via Activity & Events Audit report

#### **Configuration Steps**

None

### 7.6. Optimised ALV Reports – change/select/ save layouts

Over the years, a few Basis Technologies customers have reported inconsistencies in the suite of ActiveControl reports, in terms of some of the existing Reports not having change/select/save layouts options.

This was addressed in AC8.50 for the Transport Object Report specifically, as this was required urgently for one of our Customers.

ActiveControl 8.50 now also addresses this for many of the other out-of-the-box ALV reports:

- 1. Change document Report Change
- 2. Transport Location by Project/Path
- 3. Transport Import Progress by Path
- 4. Transport Import Status across Paths
- 5. Merge and Conflict Manager
- 6. Transport & Merge Reconciliation Report
- 7. Change Metrics Report
- 8. Open transports by systems and change date
- 9. Test results entry
- 10. Import Audit Report
- 11. Delegations Report
- 12. Task roles and status history
- 13. Transport Merge Report
- 14. Change path step analysis
- 15. Approvers by target and location

# 7.7. Utility Report: Removing deleted SAP users from User Roles

If a user exists in ActiveControl (ie is assigned to a User Role as an Approver as part of the Rules Engine) – but is deleted as a user at an SU01 SAP level, then the user is not removed from ActiveControl – and will still show as an approver. Moreover it is not possible to remove the user thereafter from within ActiveControl.

To mitigate this, a new backend utility report that can delete user from role table (/bti/te\_roleux) is now available as part of ActiveControl 8.50

This report /BTI/TE\_RREMOVE\_USR\_FROM\_ROLES is run via SE38 in the Domain Controller.

< SAP	AC: Utility to remove user from user roles
✓ 🖾 🤤 Cancel More∨	
User Name JBLOGG	

Figure: New report to remove deleted users from ActiveControl User Roles.

# 8. Bug Fixes (8.50)

## 8.1. 'Cumulative Patching' support process

Since January 2020, Basis Technologies support team have introduced a new Cumulative Patching process for delivering patch fixes to customers.

This means that when a new bug is fixed for a customer after the release of ActiveControl 8.50 - an interim patch release (eg AC 8.50.1) is created by Basis Technologies. If a second fix is then required for a second customer, then a new interim patch release AC8.50.2 is created that includes this second fix plus also the fix for the first customer contained within AC8.50.1.

This means that a customer requiring a fix will always be given a cumulative patch fix containing all fixes delivered by Basis Technologies since the last main Release of ActiveControl.

This new Patching process has been introduced as Basis Technologies were increasingly encountering instances of different customers (both new customers plus existing customers that had upgraded to the latest Release) reporting the same bug issues. By introducing this interim Patching process, we believe it will largely avoid this inefficiency – and even more importantly, mean that Basis Technologies will in many cases already have an available fix that can be quickly provided to the Customer.

As part of this new Cumulative Patching Process, Change Notes will be created by Basis Technologies for every appropriate Change (both Enhancements and Bug Fixes) created by ActiveControl. We are hoping this will improve the visibility of changes being done to ActiveControl within our customer-base that has previously been possible within our long-standing Release Notes process.

Interim Patch Releases - and associated Changes Notes are available via our online Knowledge Base

We are aware from customer feedback that applying Cumulative Patches can be challenging in some organisations, since the Patch needs to be applied in the Domain Controller and also the satellite systems. To make the process easier for applying Cumulative Patches (and also performing ActiveControl upgrades), Basis Technologies intend to revise the software transport packaging of ActiveControl in 2022, so that in most cases, the transport is only required in the Domain Controller and the Developement satellite systems (but not the Test, Production, Training etc satellite systems being managed by ActiveControl).

# 8.2. Bug Fixes since AC8.40

Various bug fixes to previous releases are included in this latest ActiveControl 8.50 release.

This list essentially details all of the fixes added since ActiveControl 8.40 – and by extension – are included in ActiveControl 8.50

### 9. Upgrading to ActiveControl 8.50

Basis Technologies do not backport Enhancements to earlier versions of ActiveControl, due to the effort and technical complexity involved.

Please refer to this <u>online Knowledge Article</u> for details of the key considerations and steps involved in performing an upgrade of ActiveControl.

If you are interested in upgrading to ActiveControl 8.50, please contact your Account Manager to discuss next steps.

Basis Technologies would generally recommend that an ActiveControl upgrade is performed with some sort of formalised assistance from one of our Solution Specialists. This not only ensures that the benefits of the newer functionality can be more effectively reaped, it also helps ensure that any teething issues and questions encountered during the Upgrade process can be addressed in a timely manner.

Some more information on the typical Engagement options are detailed in this online Knowledge Article.

#### Important Notes about upgrading to ActiveControl 8.50

(1) Please note that Transport of Copies functionality was changed significantly as part of the previous ActiveControl 8.40 release. Customers using ActiveControl 'Transport of Copies' functionalities in a pre-8.40 release will need to migrate over to the Enhanced Transport of Copies configuration as part of an ActiveControl 8.50 upgrade. Some of the user exit solutions provided over the years have been replaced by the new functionality in this release, and will no longer work.

(2) A new report developed was introduced in ActiveControl 8.40, to improve performance of the Overtake/Regression and Conflict Checks by speeding up the checking of Ignore flags. More information can be found in this <u>online Change Note</u>

(3) ActiveControl has historically included a 'Task Planning' capability that can be used to manage pre-Development approval workflows. Task Planning has been considered legacy functionality within the product since January 2019. Asides from the fact that less than 2% of our customers are using this Planning functionality due to other best-of-breed ITSM tools such as JIRA and ServiceNow, Basis Technologies have not enhanced this area of the product for more than five years. In ActiveControl 8.0, the functionality was hidden by default as it was no longer supported by Basis Technologies, the plan is to remove it completely from the product in the future, and as such, it should no longer be used by new and existing customers.