



ActiveControl - Release Notes

9.00 (Web Pilot — Last update: 30 January 2023)

Basis Technologies

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1. Introduction

ActiveControl 9.00 was released in September 2022, this 9.00 release includes the first release of the new **ActiveControl Web Platform**.

The main objective of this new Web Platform is to modernise the UI and underlying technologies used within ActiveControl, and ultimately to replace (and retire) both the current ActiveControl Web UI and Windows GUI in the future. The following two Figures summarise some of the reasons and objectives of the new ActiveControl Web Platform:

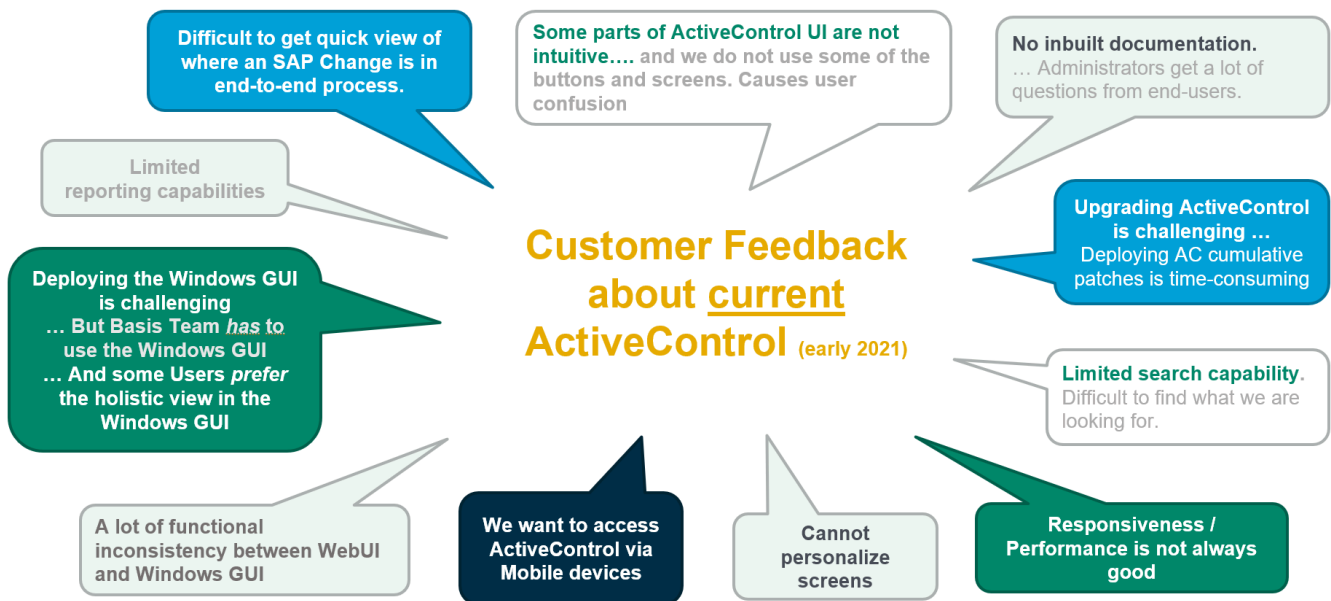


Figure: Some of the customer feedback that led to the new ActiveControl Web Platform

Key Objectives of the Web Platform

1. New, single UI5-based User Interface.
2. The current WebUI and Windows GUI will both be retired in 2023
 - ActiveControl 9.0 (August 2022) release replaces the current WebUI
 - ActiveControl 9.10 (March 2023) release will replace the current Windows GUI
3. More modern / intuitive UX
4. Mobile Ready
5. Improved Performance
6. Feature Activation / Authorisations-driven UI
 - Only show functionality that is enabled by customer and/or that user has authorisations to use.
6. Deliver 75+ new / optimized product features; many were requested by existing Customers over the years.
7. Introduce internal BTI automated testing to improve the stability of AC releases and cumulative patches

Figure: Key Objectives of the new ActiveControl Web Platform

ActiveControl 9.00 includes the Phase 1 of the new Web Platform. This is essentially a replacement for the current ActiveControl WebUI. Phase 2 of the new Web Platform will include all additional functionality currently only available in Windows GUI. This is expected to be available in the first half of 2023.

Although many of the core concepts of ActiveControl do not change as part of the Web Platform, it is not solely a lift and shift of existing functionality available in the current Windows GUI and WebUI. Many new Features and capabilities are being added as part of the new ActiveControl Web Platform. These Web Platform Release Notes are intended to give an overview of the main new (or enhanced) Features that existing Basis Technologies' customers will not be familiar with in the current ActiveControl Windows GUI and WebUI. New ActiveControl customers with no prior experience of the tool would be better advised to review the Administration Guide and User Guide documentation.

2. SAP Certification

ActiveControl is a SAP certified solution:

- Certified for deployment on SAP ERP 6.0 EhP8 via the SAP integration scenario ABAP Add-On Deployment for SAP Enterprise Resource Planning (SAP report 19583)
- Certified for deployment on SAP S/4HANA 2021 via the SAP integration scenario ABAP Add-On Deployment for SAP S/4HANA (SAP report 19584)
- 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 separate /BTR/ namespace.

3. Core Concepts

This section of the Release Notes details the core concepts of ActiveControl Web Platform 9.00:

- [High Level Architecture](#)
- [Web Platform deployment options](#)
- [Projects, Business Tasks and Transport Forms](#)
- [Inboxes, Test Queues and Outboxes](#)
- [Authorisations in the Web Platform](#)

More information on all of these can be found within the more detailed ActiveControl Administration Guide.

3.1. ActiveControl Architecture

High Level Architecture

The overall Architecture of ActiveControl Web Platform is illustrated below. As mentioned in the previous section, the Web Platform in ActiveControl 9.00 replaces the legacy ActiveControl Web UI, but the ActiveControl Windows GUI (and SAPGUI screens) are still required as part of ActiveControl Web Platform 9.00.

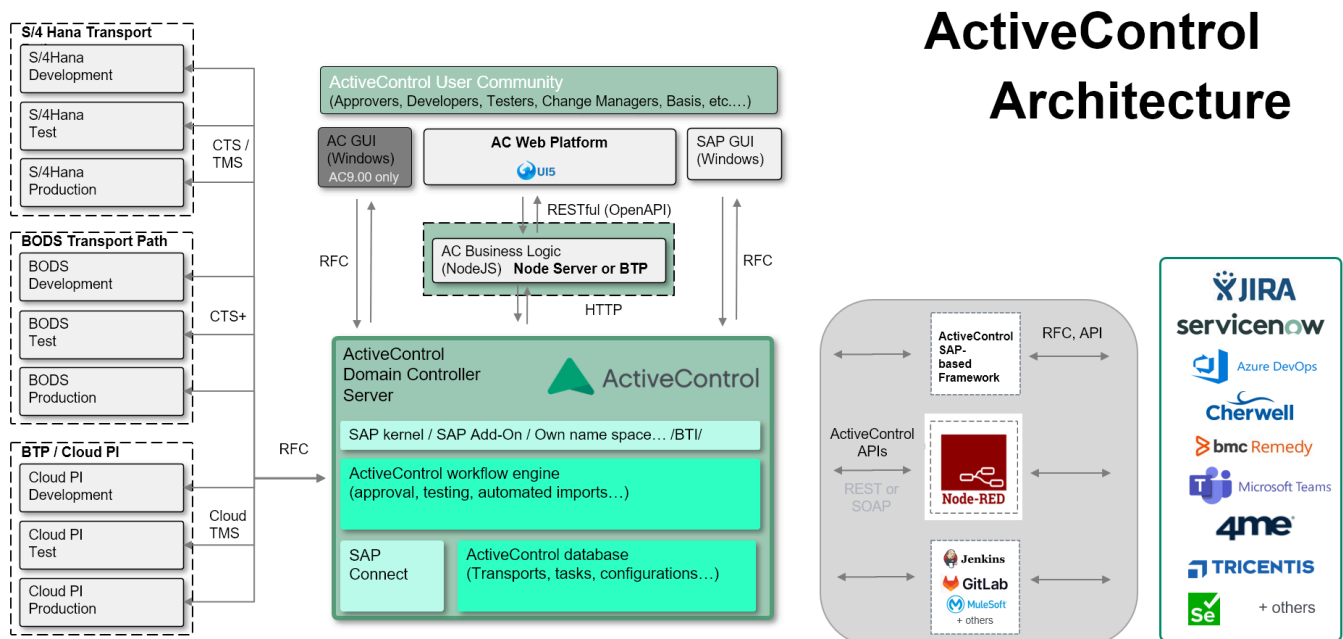


Figure: The ActiveControl Web Platform architecture in release 9.00



In ActiveControl Web Platform 9.00, functionality such as Imports, Merge, the Global Tree view and all ActiveControl Administration is only available in the ActiveControl Windows GUI. As part of an ActiveControl Web Platform 9.0 implementation, users such as Basis, Change & Release Managers and the customer ActiveControl Administrators will continue to need to use the Windows GUI.

Domain Controller concept

ActiveControl has always required a **Domain Controller** SAP system where the product is installed and the majority of the data and configuration resides. For most Basis Technologies customers, the Domain Controller has typically been the Solution Manager Production system, but the reality is it does not need to be Solution Manager, it can be any Netweaver stack system with high availability. All users of ActiveControl will need to have a user account in the Domain Controller system with the appropriate ActiveControl authorisations. A Domain Controller SAP system is still required as part of the

ActiveControl Web Platform.

3.2. Web Platform

The ActiveControl Web Platform is a UI5 front-end, coded in Typescript. As already mentioned in previous section, ActiveControl continues to require an ABAP backend (the AC Domain Controller).##

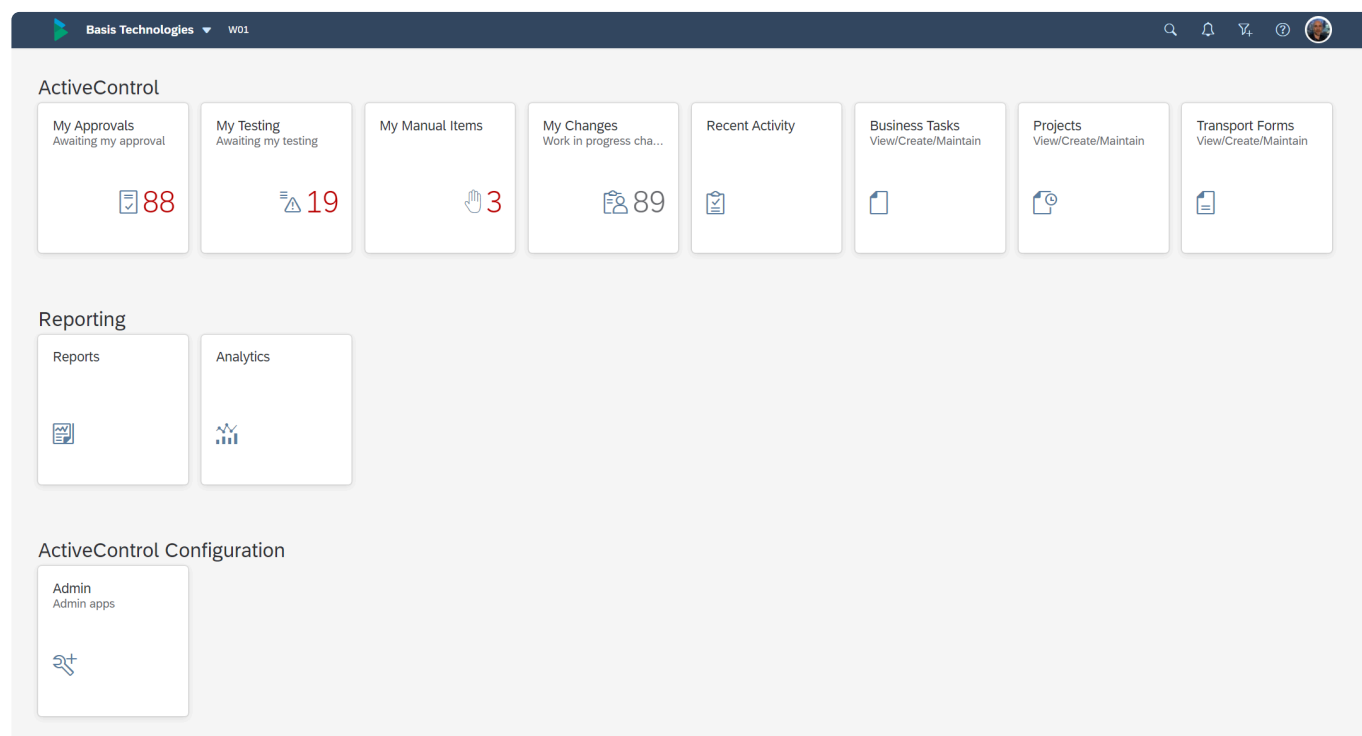


Figure: The ActiveControl Web Platform homescreen has a UI5, Fiori app-tile based look and feel.



Basis Technologies' decision to go with SAP UI5/Fiori look and feel was made after consultation with a range of our existing Customers, and also due to Basis Technologies' strategic direction to continue to focus on the SAP marketplace.

Deployment Options

Unlike earlier versions of ActiveControl, the ActiveControl Web Platform requires an additional server in addition to the ActiveControl Domain Controller system. As of ActiveControl Web Platform 9.00, the Web Platform can either be deployed to Node Server or to BTP Server:

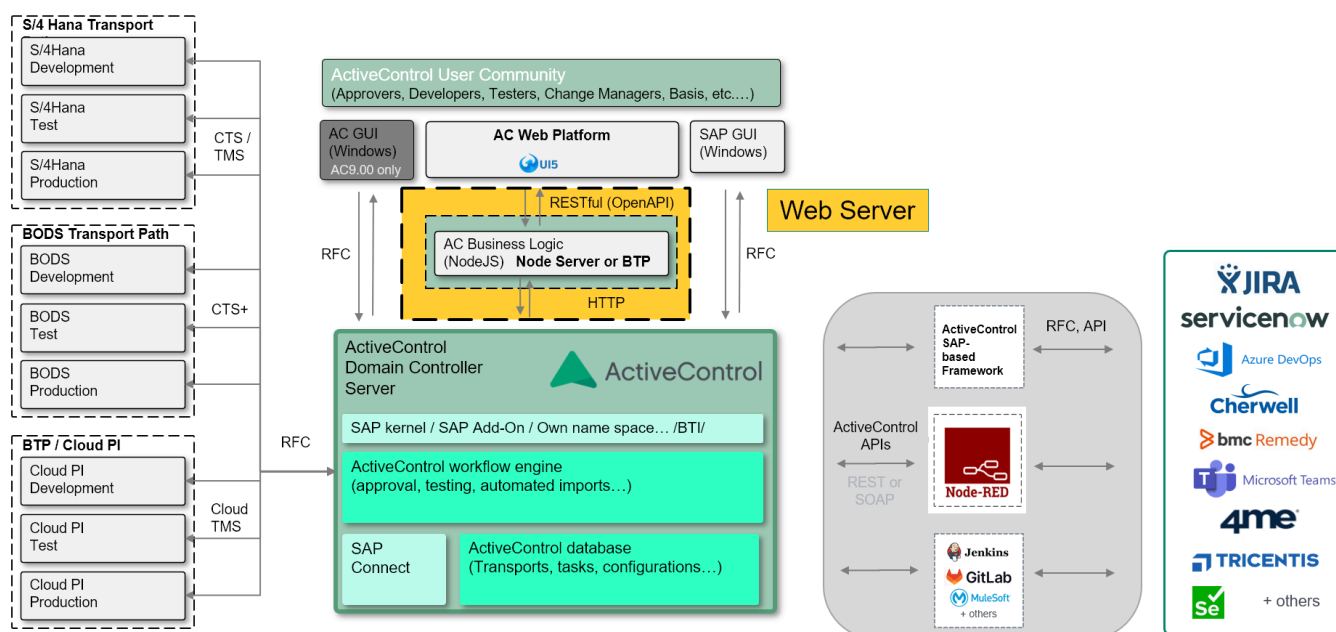


Figure: The ActiveControl Web Platform requires a new server, which can either be a Node server or BTP.

As Basis Technologies' customers have different deployment requirements and different levels of usage of Fiori LaunchPad, the intention is to offer various deployment options.

	NodeJS Server	BTP Server
Fiori Launchpad	Possible	Possible
BTI Dashboard	Possible	Possible

Triggering the Web Platform via the SAPGUI.

It is possible to trigger the ActiveControl Web Platform from within the SAPGUI of the Domain Controller system, via transaction /BTI/WP_LAUNCH. Note that this requires configuration via table /BTI/WP_URL (again in the SAPGUI backend of the ActiveControl Domain Controller system). More details (and screenshots) can be found in this [online Knowledge Article](#).

3.3. Projects, Business Tasks and Transport Forms

ActiveControl has a 3-level hierarchy, consisting of **Transport Forms**, **Business Tasks** and **Projects**. This core hierarchy does not change with the ActiveControl Web Platform, however there are various additional new Features available in the associated screens of the Web Platform that were not available in earlier versions of ActiveControl. These new capabilities are detailed in the [Projects](#), [Business Tasks](#) and [Transport Forms](#) sections of these Release Notes.

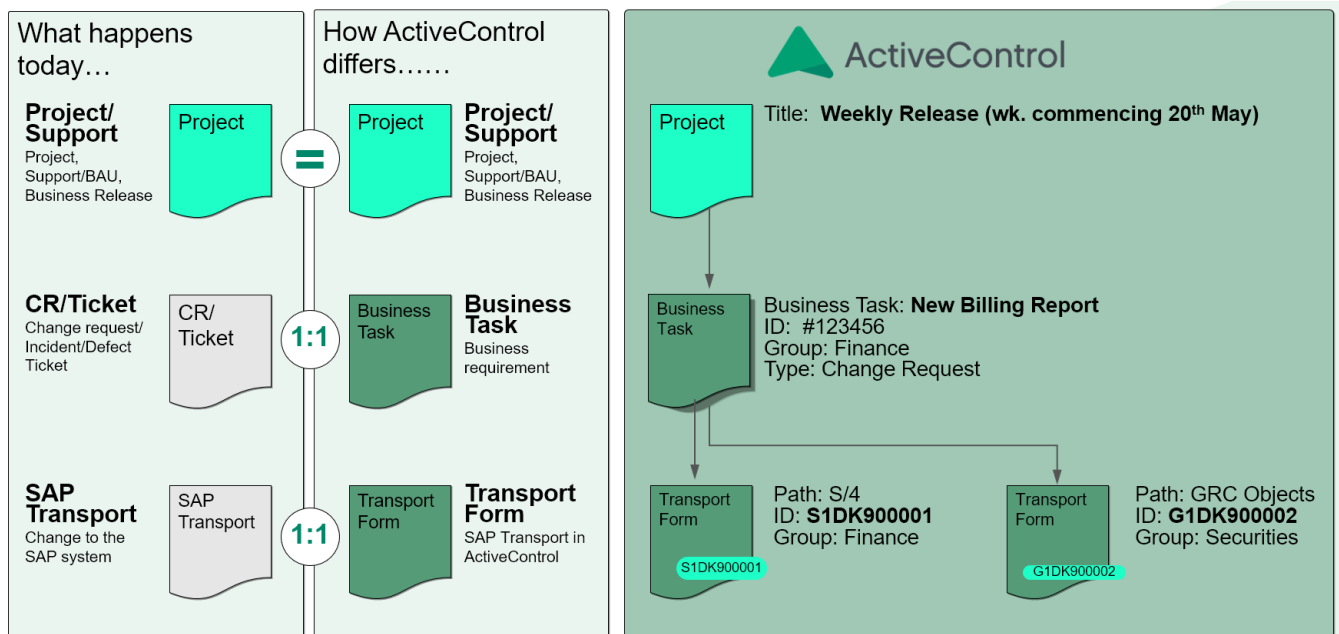


Figure: The ActiveControl 3-level hierarchy: Projects, Business Tasks and Transport Forms

3.4. Inboxes, Test Queues & Outboxes

The ActiveControl workflow consists of **Inbox**, **Test Queue** and **Outbox** control points where an approver(s) is responsible for approving the SAP change / transports. Until this approval is done, the Transport Form(s) won't move forward in the transport path. These Inbox, Test Queue and Outbox control points are completely configurable, depending on an SAP customer's approval requirements.

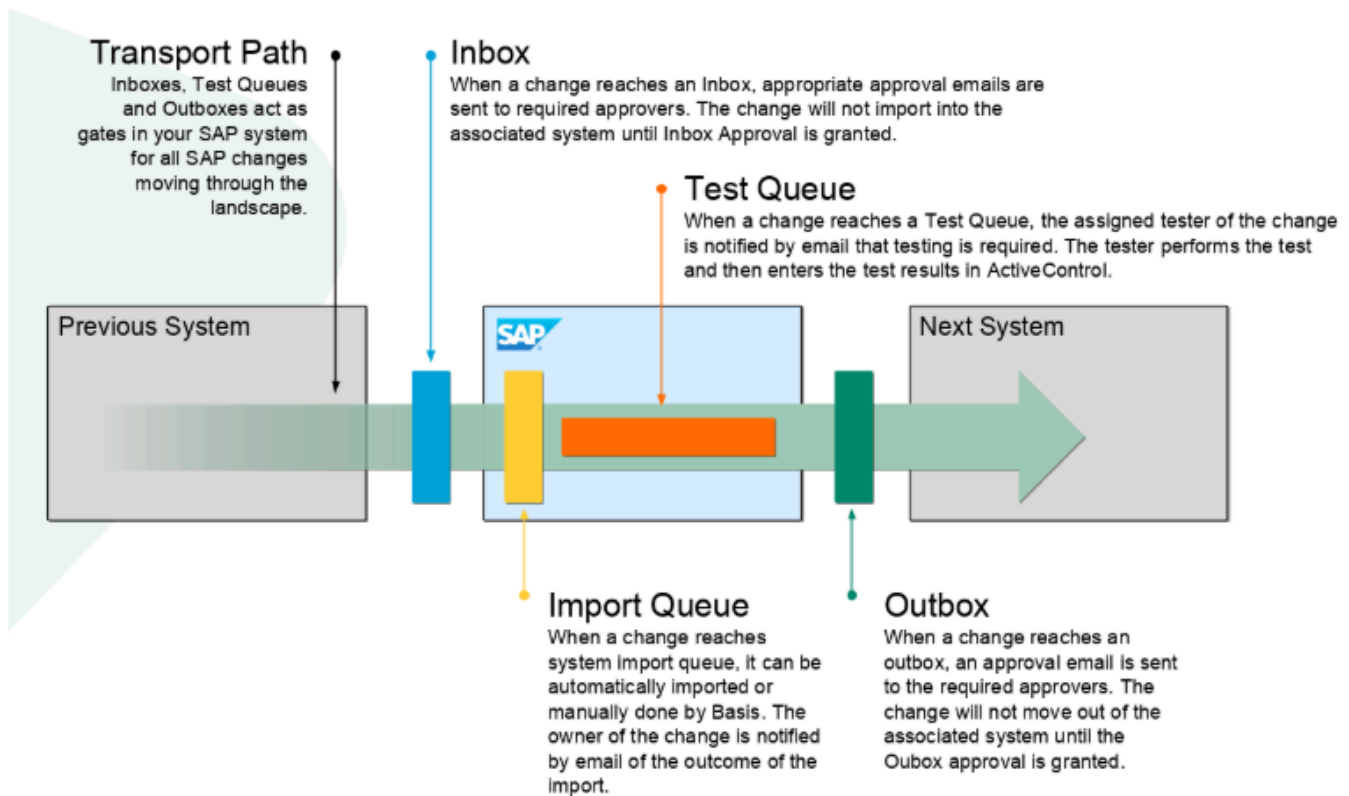


Figure: The ActiveControl workflow: Inboxes, Outboxes and Test Queues.

- ✿ The ActiveControl Web Platform introduces a new Control Point labelling capability for Administrators to rename the standard Inbox, Test Queue and Outbox (and Import Queue) within their own implementation of ActiveControl. This has been added by Basis Technologies to enable customers to tailor the terminology seen within ActiveControl Web Platform so that used within their own specific processes and organisation. For example, a customer might choose to rename a Development Test Queue to "Unit Test" and a Production Inbox to "CAB Approval" to make it easier for their end users to understand what each control point is actually for within their setup of ActiveControl.

3.5. Authorisations in the Web Platform

ActiveControl Web Platform 9.00 continues to use the existing ActiveControl authorisation roles concept. This is documented in a separate **Security Roles Matrix** spreadsheet, and is available on request from Basis Technologies.

Although no new Authorisation Objects have been added as part of ActiveControl Web Platform 9.00, there is an increased usage of the assigned authorisation activities in determining what features a user sees within the Web Platform. One of the aims of the ActiveControl Web Platform is to provide a cleaner UI, where users only see the screens, buttons etc that are relevant to their usage of ActiveControl. This has been done by Basis Technologies in response to feedback from customers over the years that both the Windows GUI and WebUI offered a lot of functionality that was not relevant for their own implementation of ActiveControl, and that it sometimes caused confusion for their users.

ActiveControl Web Platform aims to address this, both by new [Feature Deactivation](#) capability to allow individual Customers to show/hide certain parts of the product, and also increased checks against the Authorisation roles concept to only show functionality to users that they are actually authorised to use.

4. General Topics

This section details some of the general aspects of the product that are new (or have changed) as part of ActiveControl Web Platform 9.00:

- [Mobile Access](#)
- [RAG Statuses](#)
- [Full Name / Username](#)
- [Enhanced Searching, Filtering and Field Choice](#)
- [Enhanced User Assignments](#)
- [Show Approvers/Testers](#)
- [Product Accessibility](#)

4.1. Mobile Access

Many Basis Technologies' customers have requested over the years for the ability to access ActiveControl via mobile devices; the most common use-case cited has been the scenario of a Manager needing to do an urgent approval within ActiveControl whilst travelling or sitting in a meeting room, away from their main PC.

ActiveControl Web Platform 9.00 offers mobile access to ActiveControl out-of-the-box. As long as the end-user has the ability to log in to the ActiveControl Domain Control SAP system (via customer VPN or suchlike), then they will be able to access all core screens and functionality of the ActiveControl Web Platform from their mobile device.

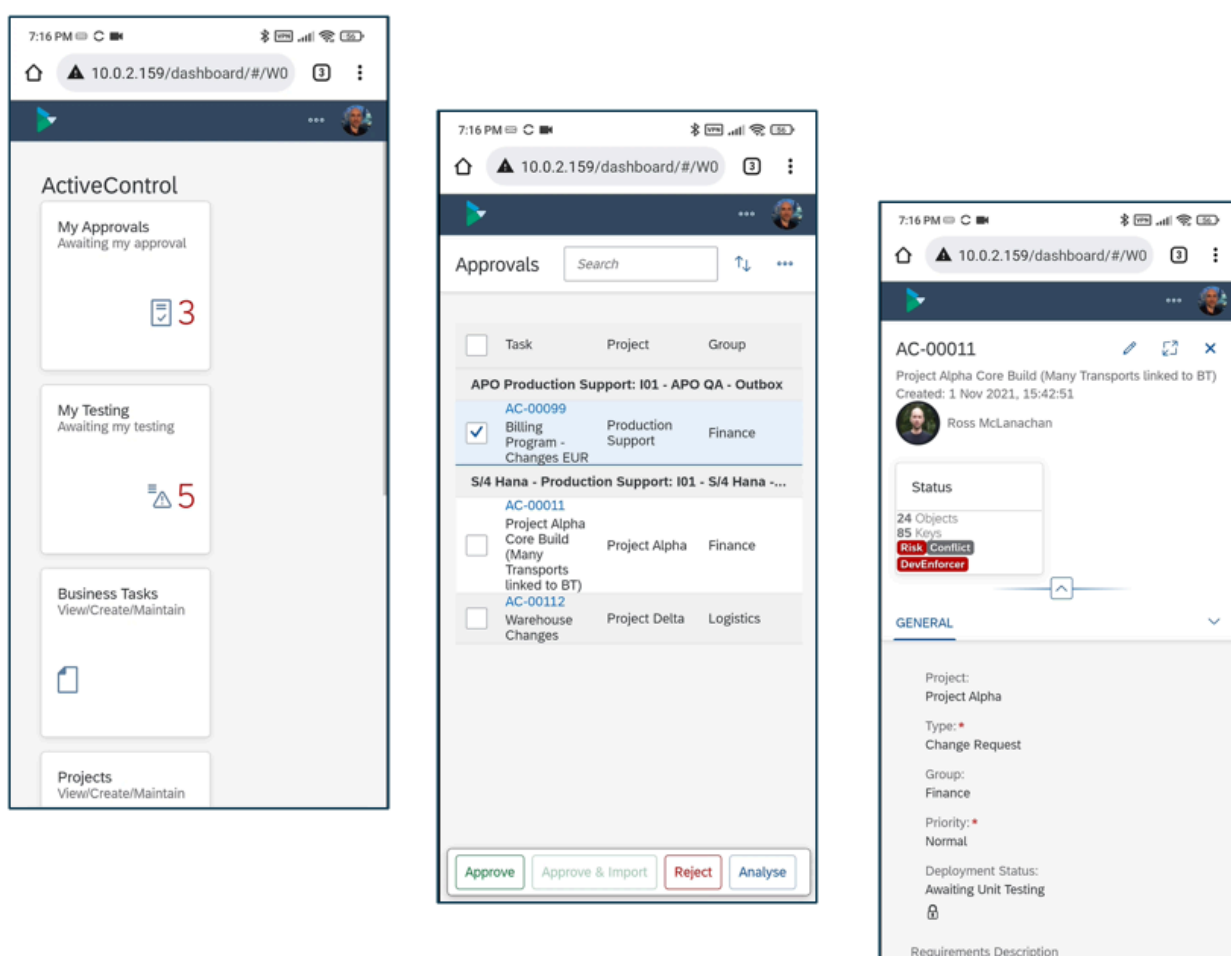


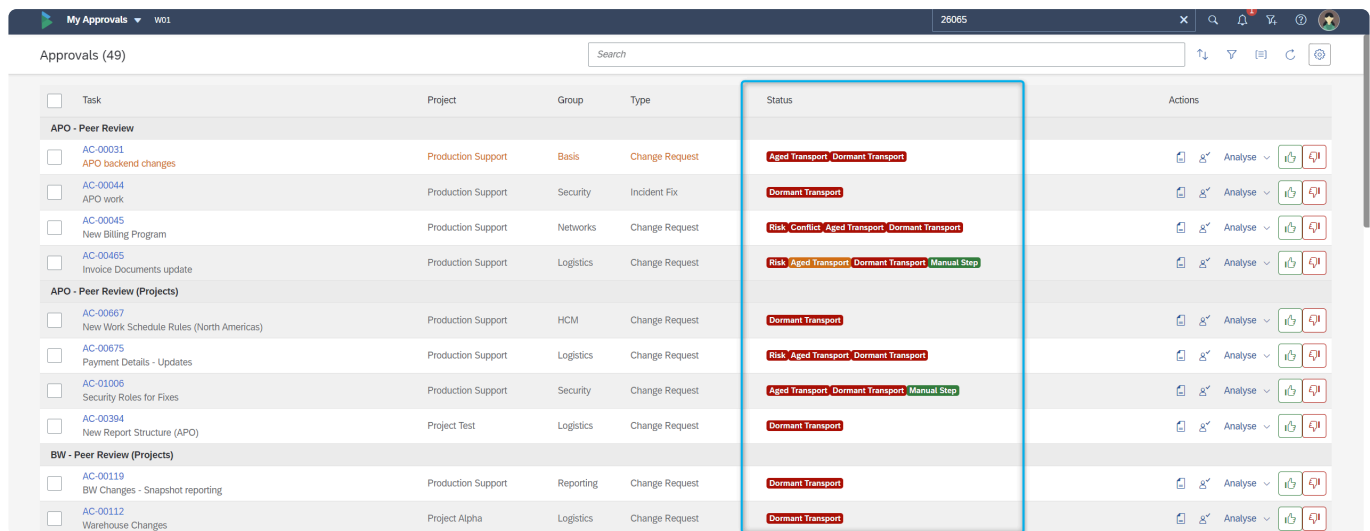
Figure: Accessing Web Platform via mobile devices.

4.2. RAG Statuses

In previous releases of ActiveControl, graphical RAG icons were seen for Risk Guard, Conflicts and DevEnforcer issues on a Business Task and Transport Form.

Over the years, many new Basis Technologies' customers and users often queried what these icons meant, as it was not immediately apparent from the icons themselves what the RAG icons represented. The ActiveControl Web Platform reinvents these existing RAG statuses, and also introduces several new RAG statuses, as textual RAG icons.

These RAG status icons are seen at Transport Form level, as well as at rolled-up Business Task level. They are also seen on some of the list screens throughout the Web Platform.



The screenshot shows the 'My Approvals' section of the ActiveControl Web Platform. A table lists various tasks and their statuses. A blue box highlights the 'Status' column, which contains textual RAG statuses like 'Aged Transport', 'Dormant Transport', 'Risk', 'Conflict', and 'Manual Step'.

Task	Project	Group	Type	Status	Actions
APO - Peer Review					
<input type="checkbox"/> AC-00031 APO backend changes	Production Support	Basis	Change Request	Aged Transport, Dormant Transport	
<input type="checkbox"/> AC-00044 APO work	Production Support	Security	Incident Fix	Dormant Transport	
<input type="checkbox"/> AC-00045 New Billing Program	Production Support	Networks	Change Request	Risk, Conflict, Aged Transport, Dormant Transport	
<input type="checkbox"/> AC-00485 Invoice Documents update	Production Support	Logistics	Change Request	Risk, Aged Transport, Dormant Transport, Manual Step	
APO - Peer Review (Projects)					
<input type="checkbox"/> AC-00667 New Work Schedule Rules (North Americas)	Production Support	HCM	Change Request	Dormant Transport	
<input type="checkbox"/> AC-00675 Payment Details - Updates	Production Support	Logistics	Change Request	Risk, Aged Transport, Dormant Transport	
<input type="checkbox"/> AC-01006 Security Roles for Fixes	Production Support	Security	Change Request	Aged Transport, Dormant Transport, Manual Step	
<input type="checkbox"/> AC-00394 New Report Structure (APO)	Project Test	Logistics	Change Request	Dormant Transport	
BW - Peer Review (Projects)					
<input type="checkbox"/> AC-00119 BW Changes - Snapshot reporting	Production Support	Reporting	Change Request	Dormant Transport	
<input type="checkbox"/> AC-00112 Warehouse Changes	Project Alpha	Logistics	Change Request	Dormant Transport	

Figure: RAG statuses in the Web Platform.

In ActiveControl Web Platform 9.00, the following RAG statuses are seen within the Web Platform:

RAG Icon	Description
Risk	Indicates if a Transport contains SAP objects defined as risky/critical within the Customer organisation.
Conflict	Indicates if a Transport contains objects that are also being changed in a parallel track, via the 0005 Conflict Analysis ShiftLeft analyser.
DevEnforcer	Indicates if a Transport has coding, security or performance issues, as defined in the checks against the corresponding DevEnforcer analysers (0004, 0006, 0016)
Aged Transport	Indicates if an SAP Transport is older than a certain (configurable) number of days.
Dormant	Indicates if a Transport Form has been sitting in a particular control point location for more

Transport	than a certain (configurable) number of days.
Manual Step	Indicates if a Transport has an incomplete Manual Step against it.

- ✿ It is possible for Administrators to adjust the default thresholds of Aged Transports and Dormant Transports via table /BTI/TE_CONSTT. Please refer to [Aged](#) and [Dormant](#) Change Notes for details on this.

- ✿ [Feature Deactivation](#) can be used by Administrators to globally hide certain RAG statuses where they are not relevant within a customer's implementation of ActiveControl.

- ! A RAG status for "Deleted Transport" will be delivered with ActiveControl 9.10. It will not work in ActiveControl 9.00, so should not be enabled via Feature Deactivation.

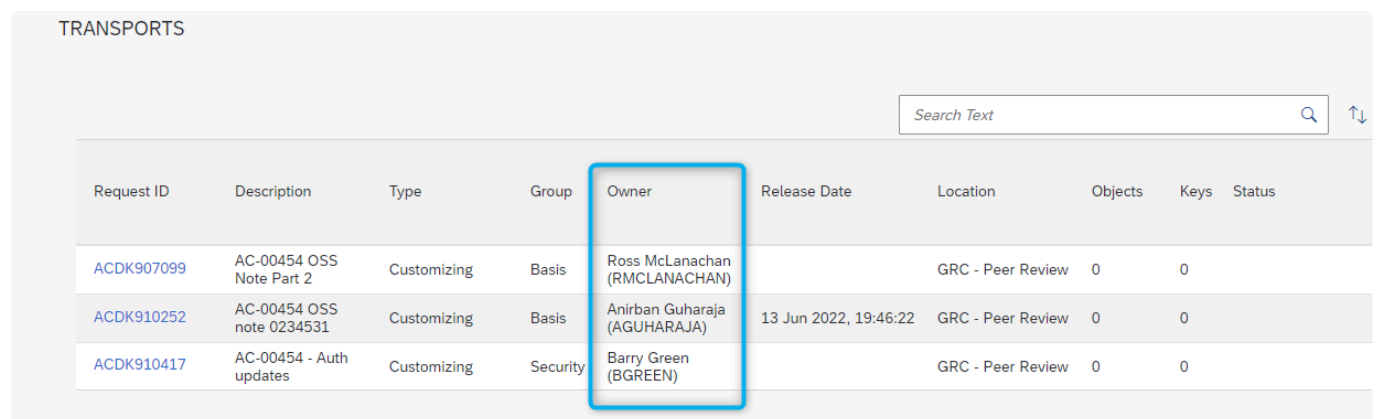
- ✿ Future releases of the ActiveControl Web Platform will introduce additional RAG statuses, both for existing functionality (eg when the default Unconditional Modes have been changed on a Transport Form) and also new functionality (eg a new RAG status for the extremely popular (0060 ShiftLeft: Deep Impact Analysis check). Basis Technologies would love to hear from existing customers on additional checks and RAG statuses that they believe would add further value to the product.

4.3. Full Name / Username

In previous versions of ActiveControl, there was inconsistency between the user details that showed in various screens in the Windows GUI and WebUI. On some screens, Full Name (First Name, Second Name) was presented. On other screens, only USERNAME was presented.

The Web Platform aims to address this inconsistency. Since some SAP customers prefer to utilise one or the other, key screens within the Web Platform will present User information in the following format:

- Full Name (USERNAME)



Request ID	Description	Type	Group	Owner	Release Date	Location	Objects	Keys	Status
ACDK907099	AC-00454 OSS Note Part 2	Customizing	Basis	Ross McLanachan (RMCLANACHAN)		GRC - Peer Review	0	0	
ACDK910252	AC-00454 OSS note 0234531	Customizing	Basis	Anirban Guharaja (AGUHARAJA)	13 Jun 2022, 19:46:22	GRC - Peer Review	0	0	
ACDK910417	AC-00454 - Auth updates	Customizing	Security	Barry Green (BGREEN)		GRC - Peer Review	0	0	

Figure: Both Full Name and SAP Username are seen in many key screens of the Web Platform.

4.4. Enhanced Searching, Filtering and field choice

The Web Platform offer a lot more searching, filtering and field personalisation than was historically possible in the legacy ActiveControl WebUI.

The following subscreens all offer the ability to search, filter and adjust the fields that the individual user sees onscreen.

Subscreen	Search	Filter	Add/Remove Fields	Group By Fields
Business Task – [Status & History] subscreen	Yes	Yes	Yes	N/A
Business Task – [Transports] subscreen	Yes	Yes	Yes	N/A
Project – [Business Task] subscreen	No	Yes	Yes	N/A
My Approvals – list screen	Yes	Yes	Yes	Yes
My Testing – list screen	Yes	Yes	Yes	Yes
My Manual Items	Yes	Yes	No	No
My Changes	Yes	Yes	No	No
Recent Activity	Yes	Yes	No	No

The screenshot displays the 'Business Tasks' interface with the 'TRANSPORTS' tab selected. A search bar at the top right contains the text 'Theo'. Below the search bar, a table lists transport requests. The table has columns: Request ID, Description, Type, Group, Owner, Release Date, Location, Objects, Keys, Status, GXP Critical Transport?, and Technical Architect. Two rows are visible: one for 'D01K980278' and another for 'D01K980311'. A blue box highlights the search bar and the table headers.

Request ID	Description	Type	Group	Owner	Release Date	Location	Objects	Keys	Status	GXP Critical Transport?	Technical Architect
D01K980278	AC-00011:Security Roles for Fixes	Customizing	Basis	Theo Van Kaathoven (TVANKAAT)	14 Jan 2022, 15:30:00	S/4 - Peer Review	0	0	Aged Transport - Manual Step		
D01K980311	AC-00011:TR9 - Many Transports	Workbench	Basis	Theo Van Kaathoven (TVANKAAT)		S/4 - Unit Testing	0	0			

Figure: Searching, Filtering and Field choice on the Business Task – [Transports] subscreen .

4.5. Enhanced User Assignments

Assignments to User Roles at Business Task and Project level has become increasingly popular within ActiveControl since the Rules Engine was introduced in ActiveControl 8.00.

Users can be assigned to Roles to serve several key purposes:

- 1) To trigger dynamic approvals at Business Task or Project Level.
- 2) To include the user on Custom Notifications.

Historically, the UX of the User Assignments screen was a little challenging as it was not easy to see which users had already been assigned. This was particularly noticeable in the case where there were several User Roles assigned to the Business Task or Project, as it resulted in the end user having to click manually between User Roles to see which users were assigned to each.

ActiveControl Web Platform improves the UX of the User Assignments aspect of ActiveControl, both in the assignment screen itself, and also subsequently in the main view, via a more tabular view of existing assignments. As a result, it is a lot easier to see which Users have been assigned to each User Roles than it was historically in ActiveControl WebUI or Windows GUI.

User Role	Assigned User	User ID	Actions
Peer Reviewers - Basis	Ross McLanachan	RMCLANACHAN	[Trash] [Add]
Team Lead - Basis	Mary Robbins	MROBBINS	[Trash] [Add]
Project QA Testers - Basis			[Trash] [Add] 2

Figure: User Roles are now added first, and then Users are assigned to the User Roles via the Action Menu.

4.6. Show Approvers/Testers now accessed via button

In the legacy ActiveControl Web UI, the list of Approvers or Testers was seen by default in the list screens. This caused a couple of issues for many customers:

1. Degraded performance of loading the “My Approvals” list screen where the Rules Engine approver consumer was being used.
2. A lot of screen real estate being taken up by the Approvers or Testers list, in particular where a larger pool of Approvers or Testers was defined against a particular Business Task or control point location.

To address both of these historical issues, the Approvers and Testers are now not seen by default in the List screens. They are instead viewed via “Show Approvers” / “Show Testers” buttons on the corresponding list screens.

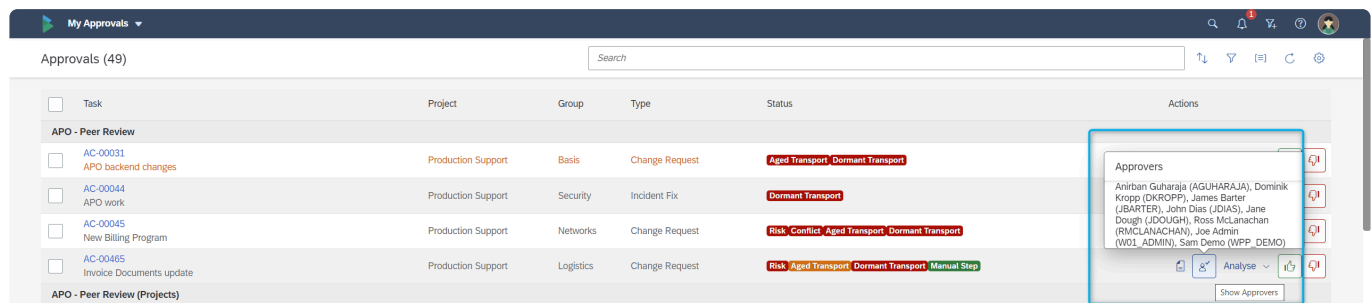


Figure: Show Approvers button on the “Approvals” list screen.

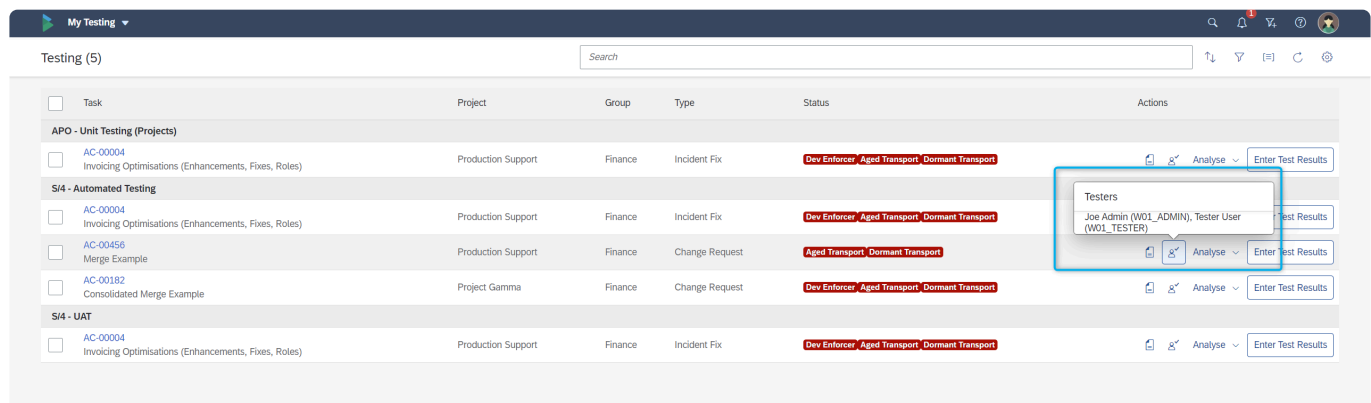


Figure: Show Testers button on the “Testers” list screen.

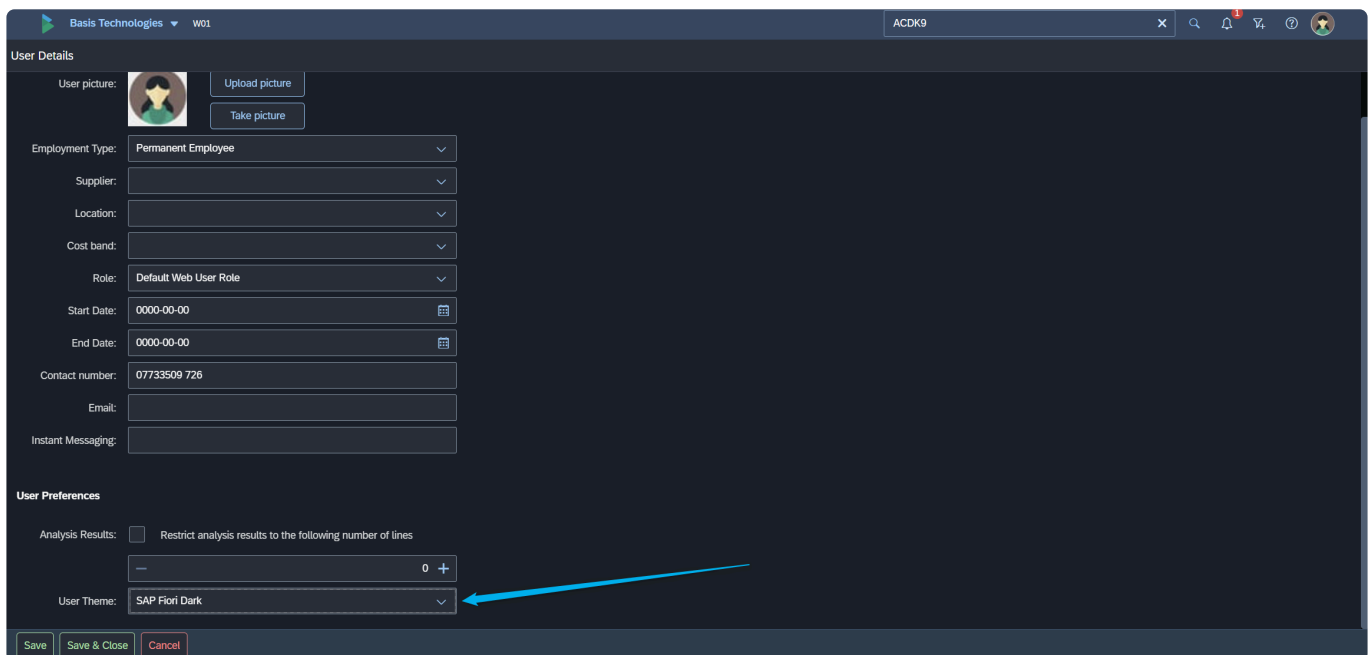
4.7. Themes

As more and more large enterprise SAP customers around the world implement ActiveControl, there has been an increasing request to Basis Technologies that ActiveControl adheres to Web Content Accessibility Guidelines (WCAG) accessibility standards.

One aspect of improved Accessibility within the new Web Platform is the ability to have different Themes. Individual end-users can choose from one of eleven Themes, via [User Details] screen:

- SAP Fiori
- SAP Fiori Dark
- SAP Fiori High Contrast Black
- SAP Fiori High Contrast White
- SAP Belize
- SAP Belize High Contrast Black
- SAP Belize High Contrast White
- SAP Horizon
- SAP Horizon Dark
- SAP Horizon High Contrast Black
- SAP Horizon High Contrast White

✿ ActiveControl default Theme is 'SAP Fiori'. This was designed by SAP to meet the minimum colour contrast requirements of the international Web Content Accessibility Guidelines (WCAG 2.1).



The screenshot displays the 'User Details' screen in the ActiveControl web platform. The interface is dark-themed. At the top, there's a header with 'Basis Technologies' and 'W01'. The main content area is titled 'User Details'. It contains several input fields and dropdown menus for user information: 'User picture' (with 'Upload picture' and 'Take picture' buttons), 'Employment Type' (set to 'Permanent Employee'), 'Supplier', 'Location', 'Cost band', 'Role' (set to 'Default Web User Role'), 'Start Date' (0000-00-00), 'End Date' (0000-00-00), 'Contact number' (07733509 726), 'Email', and 'Instant Messaging'. Below these is the 'User Preferences' section, which includes a checkbox for 'Restrict analysis results to the following number of lines' (currently unchecked) and a 'User Theme' dropdown menu. A blue arrow points to the 'User Theme' dropdown, which is currently set to 'SAP Fiori Dark'. At the bottom, there are three buttons: 'Save', 'Save & Close', and 'Cancel'.

Figure: End users can choose their Theme via the [User Details] screen.

The screenshot shows the 'Approvals (83)' table in the SAP Fiori theme. The interface features a clean, light gray background with blue accents for headers and action buttons. The table lists various change requests with columns for Name, Project, Group, Type, Status, Owner, Creation Date, and Actions. The data is organized into sections like 'SAP Fiori Theme' and 'SAP Fiori Theme (High Contrast Black)'.

SAP Fiori

The screenshot shows the 'Approvals (83)' table in the SAP Fiori Dark theme. The interface has a dark background with light gray accents for headers and action buttons. The table structure and content are identical to the SAP Fiori theme, but the color scheme is inverted for better visibility in low-light environments.

SAP Fiori Dark

The screenshot shows the 'Approvals (83)' table in the SAP Fiori High Contrast Black theme. The interface is predominantly black with high-contrast white and light gray elements for headers and action buttons. The table structure and content remain consistent with the other themes.

SAP Fiori High Contrast Black

The screenshot shows the 'Approvals (83)' table in the SAP Fiori High Contrast White theme. The interface is predominantly white with high-contrast black and dark gray elements for headers and action buttons. The table structure and content remain consistent with the other themes.

SAP Fiori High Contrast White

Figure: SAP Fiori Themes within the Web Platform.

The screenshot shows the 'Approvals (83)' table in the SAP Horizon theme. The interface has a light gray background with blue accents for headers and action buttons. The table structure and content are consistent with the other themes.

SAP Horizon

The screenshot shows the 'Approvals (83)' table in the SAP Horizon Dark theme. The interface has a dark background with light gray accents for headers and action buttons. The table structure and content are consistent with the other themes.

SAP Horizon Dark

The screenshot shows the 'Approvals (83)' table in the SAP Horizon High Contrast Black theme. The interface is predominantly black with high-contrast white and light gray elements for headers and action buttons. The table structure and content remain consistent with the other themes.

SAP Horizon High Contrast Black

The screenshot shows the 'Approvals (83)' table in the SAP Horizon High Contrast White theme. The interface is predominantly white with high-contrast black and dark gray elements for headers and action buttons. The table structure and content remain consistent with the other themes.

SAP Horizon High Contrast White

Figure: SAP Horizon Themes within the Web Platform.

This screenshot shows the 'My Approvals' interface in the SAP Belize web platform using the standard theme. The page features a search bar at the top and a table with columns for 'Task', 'Project', 'Group', 'Type', 'Status', 'Owner', 'Creation Date', and 'Action'. The table lists several tasks, including 'APC - New Release' and 'APC - New Release (Project)', with their respective details and action buttons.

SAP Belize

This screenshot displays the 'My Changes' interface in the SAP Belize web platform using the High Contrast Black theme. The layout is similar to the standard theme, with a search bar and a table showing task details. The visual style is characterized by a dark background and high-contrast text and icons.

SAP Belize High Contrast Black

This screenshot shows the 'My Approvals' interface in the SAP Belize web platform using the High Contrast White theme. The interface features a light background with dark text and icons, providing a high-contrast visual experience. The table structure and content are consistent with the other themes shown.

SAP Belize High Contrast White

Figure: SAP Belize Themes within the Web Platform.

5. Projects

Most Basis Technologies' customers continue to use the ActiveControl Project entity for the releases and projects that they are delivering, as a way of bundling the underlying Business Tasks and Transport Forms together.

This section of the Release Notes summarises the key changes and additions introduced as part of the ActiveControl Web Platform.

- [Project Search](#)
- [Project Phases](#)
- [Business Task screen](#)
- [Project Attachments](#)
- [Action Menu](#)

5.1. Project Search

The [Projects] tile on the Web Platform home page can be used to search, view and maintain (for authorised users only) ActiveControl Projects.

It is possible to search on a Project name – or substring of that name, and thereafter click into view/maintain a particular Project.

The screenshot displays the 'Projects' section of the Web Platform. On the left, a search bar contains the text 'Alpha'. Below it, a list of search results is shown, with 'Project Alpha' selected. A blue arrow points from the search bar to the selected project. The right side of the screen shows the detailed view of 'Project Alpha'. The project phases are listed as Development (41), QA (12), Regression (1), Production (0), and Merge Process (0). The project description is 'Project Alpha Extended global LOB. APJ, DACH, EMEA, US.' The start date is 30 August 2021 and the end date is 15 April 2022. The key project driver is Sales Expansion, the project budget is EUR 20M, and the project manager is Andrew Fletcher (AFLETCHER). The user assignments table shows two users: James Barter (JBARTER) and Andrew Fletcher (AFLETCHER).

User Role	Assigned User	User ID
Project QA Testers - Finance	James Barter	JBARTER
Project QA Testers - Logistics	Andrew Fletcher	AFLETCHER

Figure: Searching for Projects in the Web Platform.

5.2. Project Phases

A new Phases section in the header of the Projects screen provides a count of the Transport Forms that roll up to Business Tasks associated with the Project, in terms of where they are in the overall workflow.

The Phases section requires the phases to be setup for the Project, via the [Phases] subscreen. If this information is not defined, the Phases section will be empty.

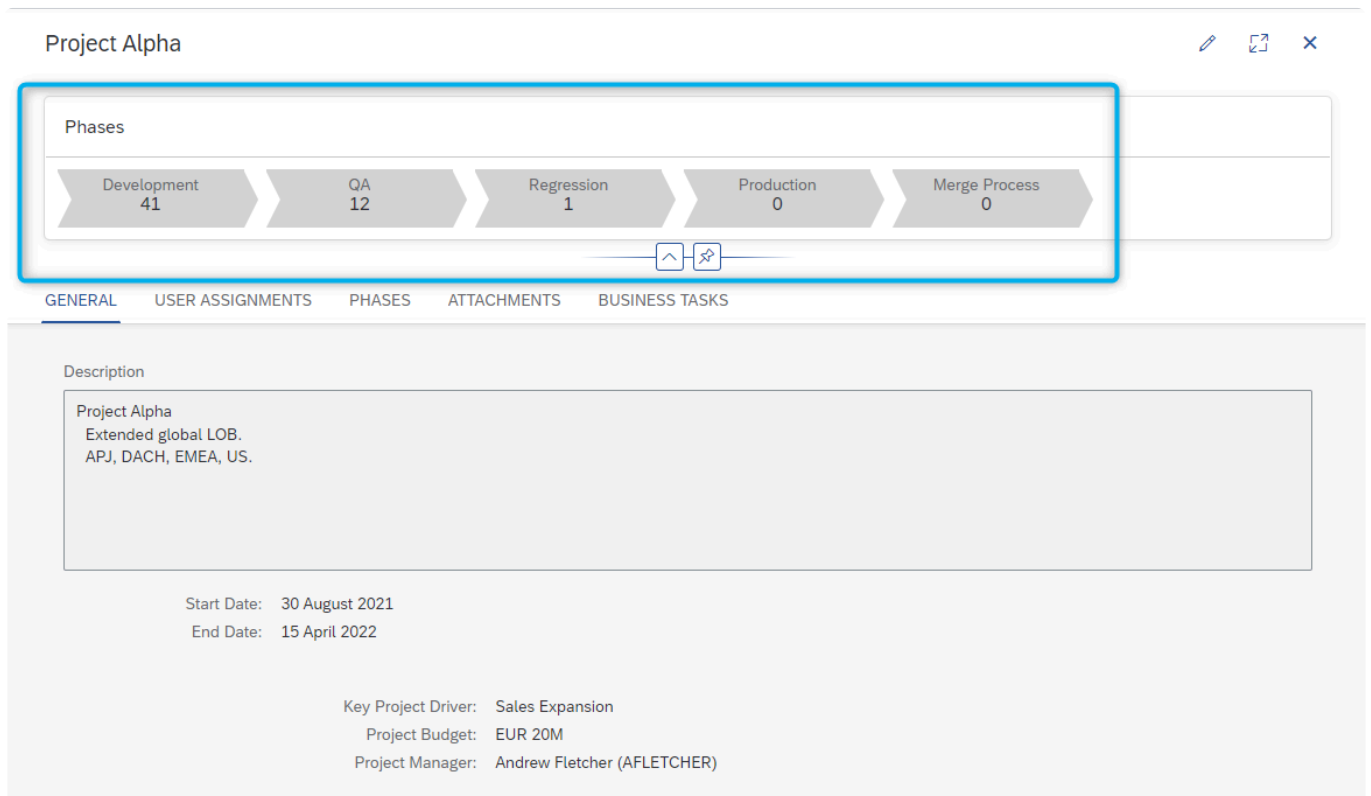


Figure: Project Phases in the Web Platform.

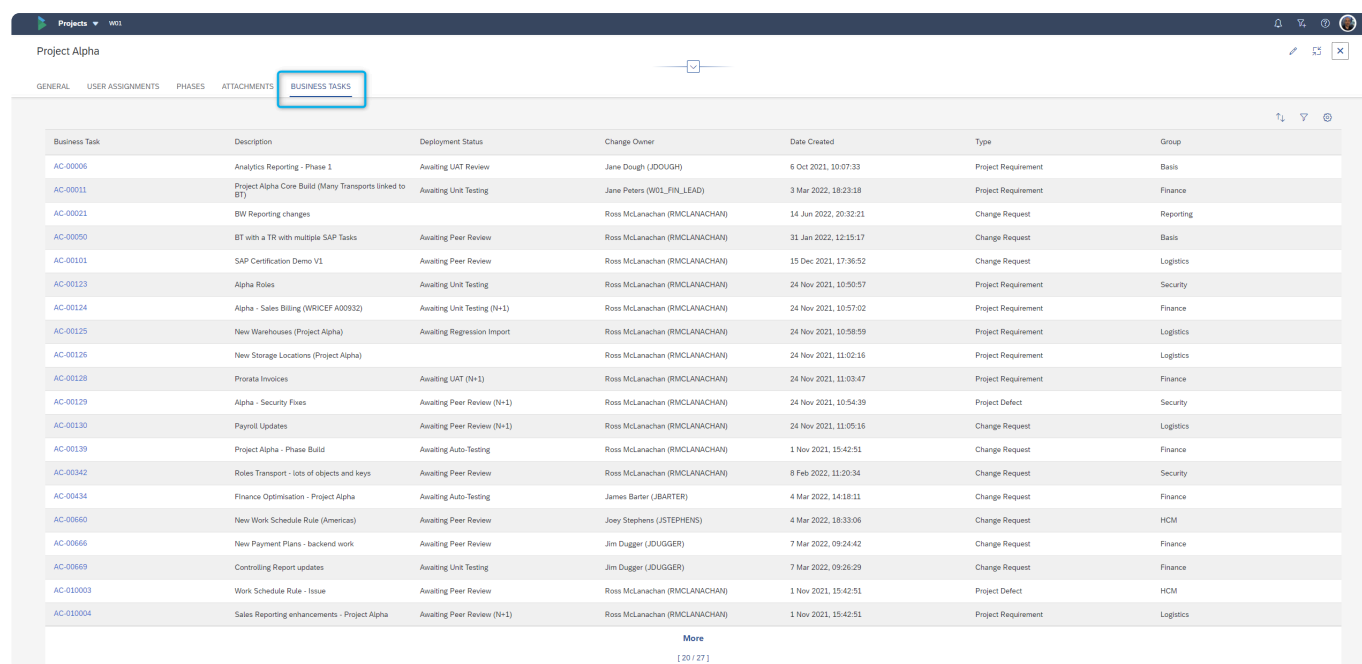
- * If a customer does not want to see the Project Phases section within the Project screen, they can hide it via the 'Show Progress Diagram (Project Milestones)' Feature Deactivation option.

5.3. New 'Business Task' screen

A new 'Business Tasks' subscreen has been added to the Project screens within the ActiveControl Web Platform.

This new screen aims to give ActiveControl users an easier way to see which particular SAP changes (ie Business Tasks) are being delivered against a particular ActiveControl Project.

It is possible for individual end-users to sort, filter and change the Business Task standard/custom fields that are seen in this subscreen, depending on their own personal preferences.



Business Task	Description	Deployment Status	Change Owner	Date Created	Type	Group
AC-00006	Analytics Reporting - Phase 1	Awaiting UAT Review	Jane Dough (JDOUGH)	6 Oct 2021, 10:07:33	Project Requirement	Basis
AC-00011	Project Alpha Core Build (Many Transports linked to BT)	Awaiting Unit Testing	Jane Peters (WOL_FIN_LEAD)	3 Mar 2022, 18:23:18	Project Requirement	Finance
AC-00021	BW Reporting changes		Ross McLanahan (RMCLANACHAN)	14 Jun 2022, 20:32:21	Change Request	Reporting
AC-00050	BT with a TR with multiple SAP Tasks	Awaiting Peer Review	Ross McLanahan (RMCLANACHAN)	31 Jan 2022, 12:15:17	Change Request	Basis
AC-00101	SAP Certification Demo V1	Awaiting Peer Review	Ross McLanahan (RMCLANACHAN)	15 Dec 2021, 17:36:52	Change Request	Logistics
AC-00123	Alpha Roles	Awaiting Unit Testing	Ross McLanahan (RMCLANACHAN)	24 Nov 2021, 10:50:57	Project Requirement	Security
AC-00124	Alpha - Sales Billing (WRICEF A00932)	Awaiting Unit Testing (N+1)	Ross McLanahan (RMCLANACHAN)	24 Nov 2021, 10:57:02	Project Requirement	Finance
AC-00125	New Warehouses (Project Alpha)	Awaiting Regression Import	Ross McLanahan (RMCLANACHAN)	24 Nov 2021, 10:58:59	Project Requirement	Logistics
AC-00126	New Storage Locations (Project Alpha)		Ross McLanahan (RMCLANACHAN)	24 Nov 2021, 11:02:16	Project Requirement	Logistics
AC-00128	Prorate Invoices	Awaiting UAT (N+1)	Ross McLanahan (RMCLANACHAN)	24 Nov 2021, 11:03:47	Project Requirement	Finance
AC-00129	Alpha - Security Fixes	Awaiting Peer Review (N+1)	Ross McLanahan (RMCLANACHAN)	24 Nov 2021, 10:54:39	Project Defect	Security
AC-00130	Payroll Updates	Awaiting Peer Review (N+1)	Ross McLanahan (RMCLANACHAN)	24 Nov 2021, 11:05:16	Change Request	Logistics
AC-00139	Project Alpha - Phase Build	Awaiting Auto-Testing	Ross McLanahan (RMCLANACHAN)	1 Nov 2021, 15:42:51	Change Request	Finance
AC-00342	Roles Transport - lots of objects and keys	Awaiting Peer Review	Ross McLanahan (RMCLANACHAN)	8 Feb 2022, 11:20:34	Change Request	Security
AC-00434	Finance Optimisation - Project Alpha	Awaiting Auto-Testing	James Barber (JBARTER)	4 Mar 2022, 14:18:11	Change Request	Finance
AC-00660	New Work Schedule Rule (Americas)	Awaiting Peer Review	Joey Stephens (JSTEPHENS)	4 Mar 2022, 18:33:06	Change Request	HCM
AC-00666	New Payment Plans - backend work	Awaiting Peer Review	Jim Dugger (JDUGGER)	7 Mar 2022, 09:24:42	Change Request	Finance
AC-00669	Controlling Report updates	Awaiting Unit Testing	Jim Dugger (JDUGGER)	7 Mar 2022, 09:26:29	Change Request	Finance
AC-010003	Work Schedule Rule - Issue	Awaiting Peer Review	Ross McLanahan (RMCLANACHAN)	1 Nov 2021, 15:42:51	Project Defect	HCM
AC-010004	Sales Reporting enhancements - Project Alpha	Awaiting Peer Review (N+1)	Ross McLanahan (RMCLANACHAN)	1 Nov 2021, 15:42:51	Project Requirement	Logistics

More

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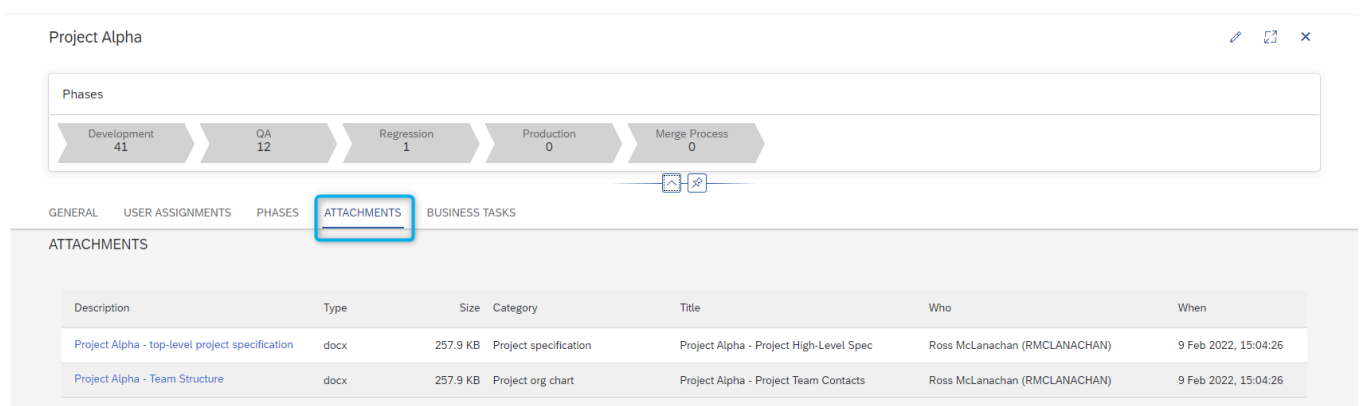
Figure: New Business Task subscreen within an ActiveControl project.

5.4. New 'Attachments' screen

A new 'Attachments' subscreen has been added at Project level within the ActiveControl Web Platform.

It was partially possible to add Attachments in the Windows GUI previously, but was never possible in the legacy WebUI. This was something that a couple of Basis Technologies' customers had requested over the years (to be able to add Project level documentation such as Project Plans, Project Charters etc) – and so has been introduced as part of the Web Platform.

It is now possible to upload Attachments or create URL links within the Project Attachments subscreen, similar to other areas of ActiveControl.



Description	Type	Size	Category	Title	Who	When
Project Alpha - top-level project specification	docx	257.9 KB	Project specification	Project Alpha - Project High-Level Spec	Ross McLanachan (RMCLANACHAN)	9 Feb 2022, 15:04:26
Project Alpha - Team Structure	docx	257.9 KB	Project org chart	Project Alpha - Project Team Contacts	Ross McLanachan (RMCLANACHAN)	9 Feb 2022, 15:04:26

Figure: Attachments subscreen within an ActiveControl project.



As part of this Project Attachments capability, a new Project level Document Category has been created within the existing /BTI/TE_ATT_CAT backend configuration table.

5.5. [...] Action Menu

Throughout the Web Platform screens, new [...] action menus are used for some of the less commonly utilised options. At Project level, the following activities are accessed via the action menu.

- Lock/Unlock Project
- Delete Project

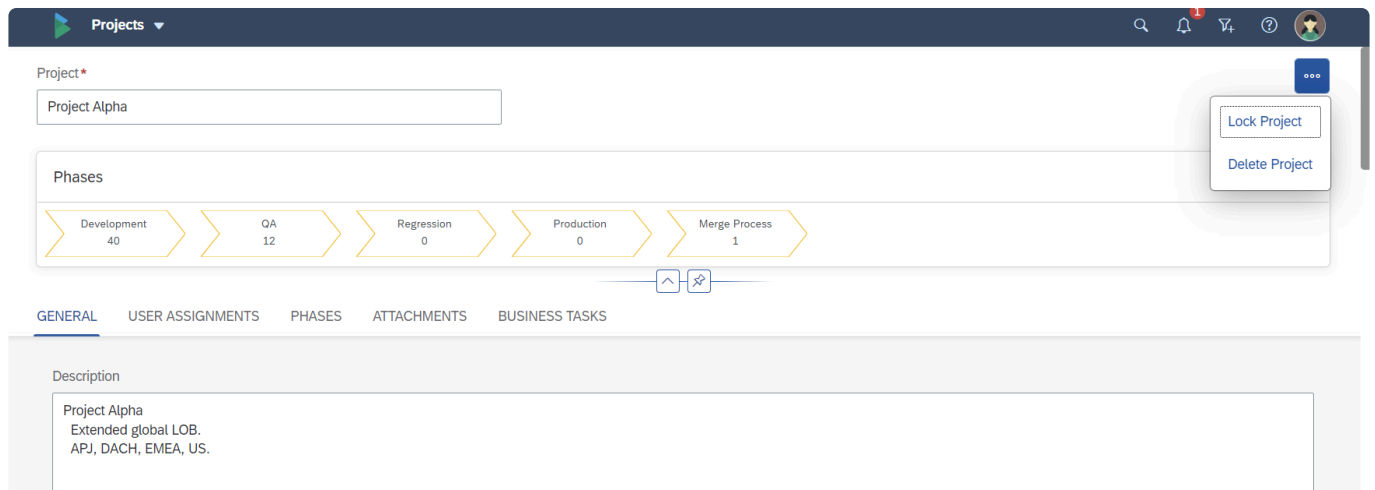


Figure: Action menu on the Project screen.

6. Business Tasks

Most customers continue to use the ActiveControl Business Task entity to represent the individual SAP changes that they are delivering.

This section of the Release Notes summarises the key changes and additions introduced at Business Task level as part of the Web Platform.

- [Change Owner versus Default Tester](#)
- [Business Task Search](#)
- [Phases](#)
- [Action Menu](#)



Integrations that are used to automatically create Business Tasks should be unaffected by the new Web Platform

6.1. Phases

A new [Phases] section in the header of the Business Task screen provides a count of the Transport Forms that roll up to the Business Task, in terms of where the transports are in the overall workflow.

The Phases section requires the phases to be setup for the Project to which the Business Task is assigned. If this information is not defined, the Phases section will be empty on the Business Task.

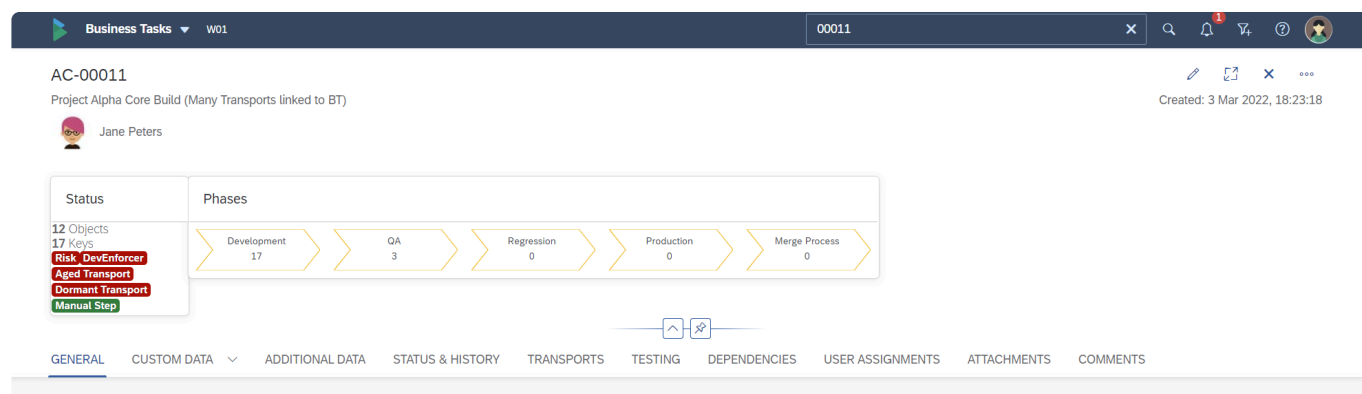


Figure: Business Task Phases in the Web Platform.



If a customer does not want to see the Phases section within the Business Task screen, they can hide it via the 'Show Progress Diagram (Project Milestones)' Feature Deactivation option.

6.2. Change Owner versus Default Tester

In the legacy ActiveControl Web UI, there was no specific concept of Business Task Owner – e.g., the person who created/owned the Business Task.

The user who was seen within the Web UI as the Change Owner was actually just the Default Tester on the BT. If the Default Tester was changed, then the BT Owner also changed.

The ActiveControl Web Platform separates out the Business Task Owner and the Default Tester into two distinct concepts. Whoever creates the Business Task is the Business Task Owner – this cannot be changed later on. Whoever creates the Business Task is also set as the Default Tester – however this can be changed later (or indeed as part of the creation if the Rules Engine testing consumer is being used).

The screenshot displays the ActiveControl Web UI for a Business Task (BT) with ID AC-00004, titled 'Invoicing Optimisations (Enhancements, Fixes, Roles)'. The 'TESTING' tab is selected. The 'Testing History' table shows a list of tests with their 'Opened' and 'Closed' timestamps. Below this, the 'All System Testers' table is visible, which has columns for 'Tester Role', 'Assigned User', 'User ID', and 'Default Tester'. The 'Assigned User' field is highlighted with a blue box, showing 'Kalidass Solaimuthu' with User ID 'KSOLAIMUTHU'. The 'Default Tester' field is also highlighted with a blue box, showing a user icon. The 'Specific Role Tester' section is partially visible at the bottom.

Tester Role	Assigned User	User ID	Default Tester
All System Testers	Kalidass Solaimuthu	KSOLAIMUTHU	

Figure: Business Task Owner and Default Tester can now be different users.

6.3. Business Task Search

A Business Task tile on the Web Platform home page can be used to search, view and maintain (for authorised users only) ActiveControl Business Tasks.

It is possible to search on a Business Task (Reference or Subject fields) or substring, and thereafter click into view/maintain a particular Business Task.

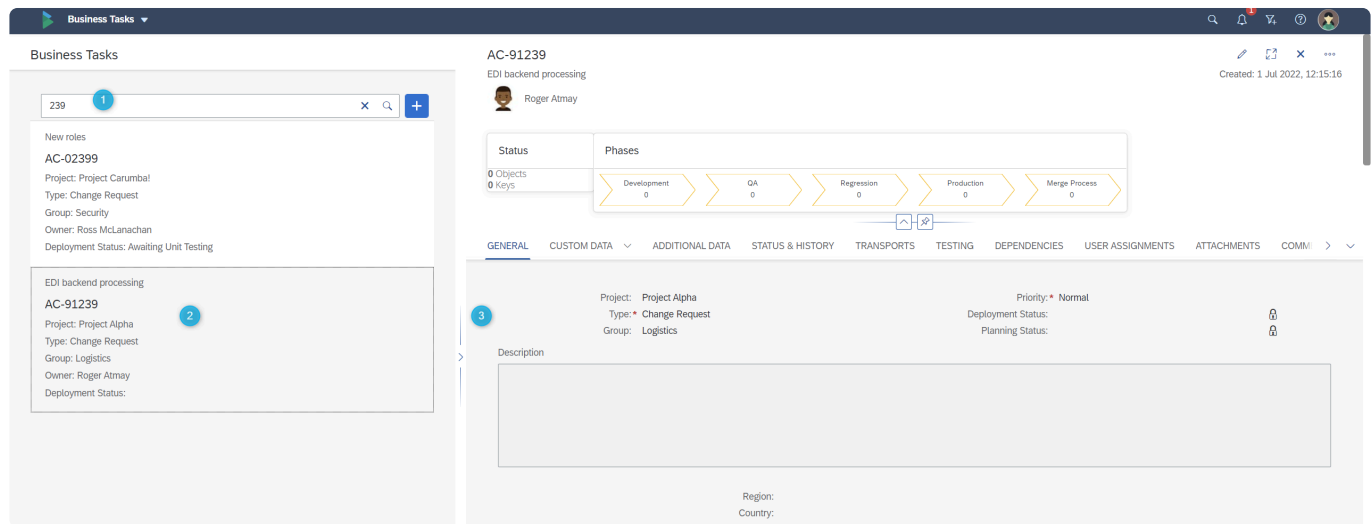


Figure: Searching for Business Task in the Web Platform.



It is also possible to search for a Business Task via the search bar in the shellbar of the Web Platform.

6.4. [...] Action Menu

Throughout the Web Platform screens, [...] action menu is where some of the less commonly utilised options can be accessed and performed. At Business Task level, the following activities are accessed via the Action menu.

- Lock/Unlock Task
- Delete Task

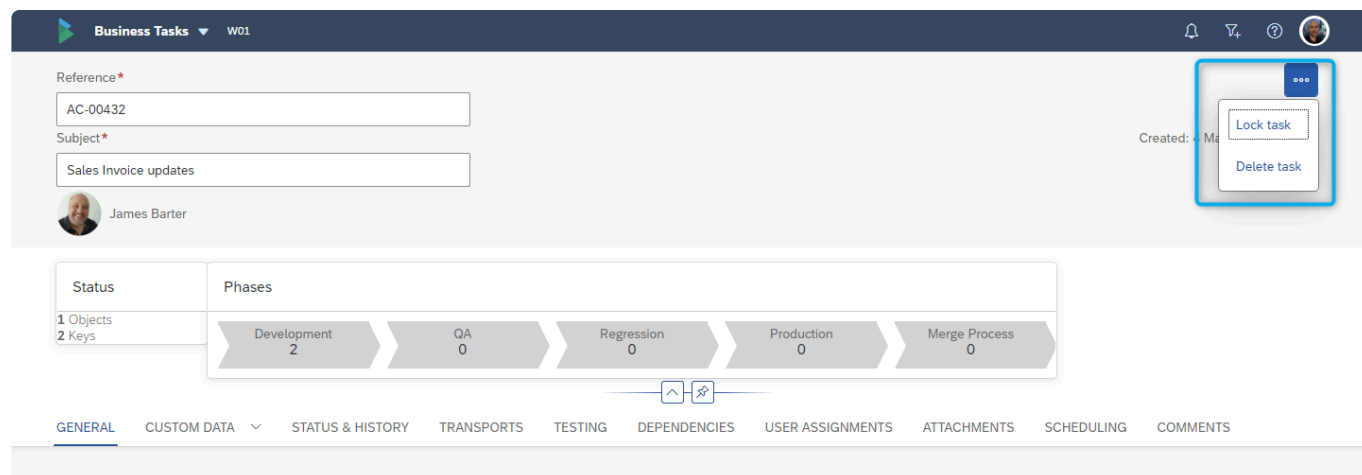


Figure: Action menu on the Business Task screen.

7. Transport Forms

Transport Forms within ActiveControl continue to be created as a 1:1 relationship with each individual SAP Transport.

This section of the Release Notes summarises the key changes and additions introduced at Transport Form level as part of the Web Platform.

- [Manual Step – Attachment Categories](#)
- [Export Transport Contents to CSV](#)
- [Action Menu](#)
- [Transport of Copies creation](#)

7.1. Manual Step – Attachment Categories

Within ActiveControl, it is possible to add Attachments at the Manual Step level. This can be useful for users wanting to document the specific activities that need to be performed as a Manual Step on a Transport Form.

ActiveControl Web Platform 9.00 introduces a new Document Category for Manual Steps. Document Categories are configured by Administrators via the existing /BTI/TE_ATT_CAT table.

The screenshot displays the 'Manual Steps' configuration page. The 'STEP DETAIL' tab is active, showing fields for Title, Description, Run Manual Step, Status, Allow Progress When Incomplete, User Role, and Est. Efforts (Mins). Below this is the 'SYSTEMS' section with a table of systems and their required status. The 'ATTACHMENTS' section at the bottom is currently empty, with a blue circle '1' highlighting the 'Add file' button. A modal window titled 'File to attach' is open, showing a dropdown for 'Document category' (set to 'Manual Step Documentation'), a text field for 'Document name' (set to 'Regeneration Steps'), and a file selection field for 'Attachment' (set to '2022-06-15_09h46_13...'). A blue circle '2' highlights the file selection field. The modal has 'Save' and 'Cancel' buttons.

System	Required	Status
ACD - APO Project Dev	<input checked="" type="checkbox"/> Required	<input type="checkbox"/> Complete
W01 - APO Project Test	<input checked="" type="checkbox"/> Required	<input type="checkbox"/> Complete

Description	Type	Size	Category	Title	Who	When	Actions
No Attachments							

Figure: Adding Attachments within a Manual Step.

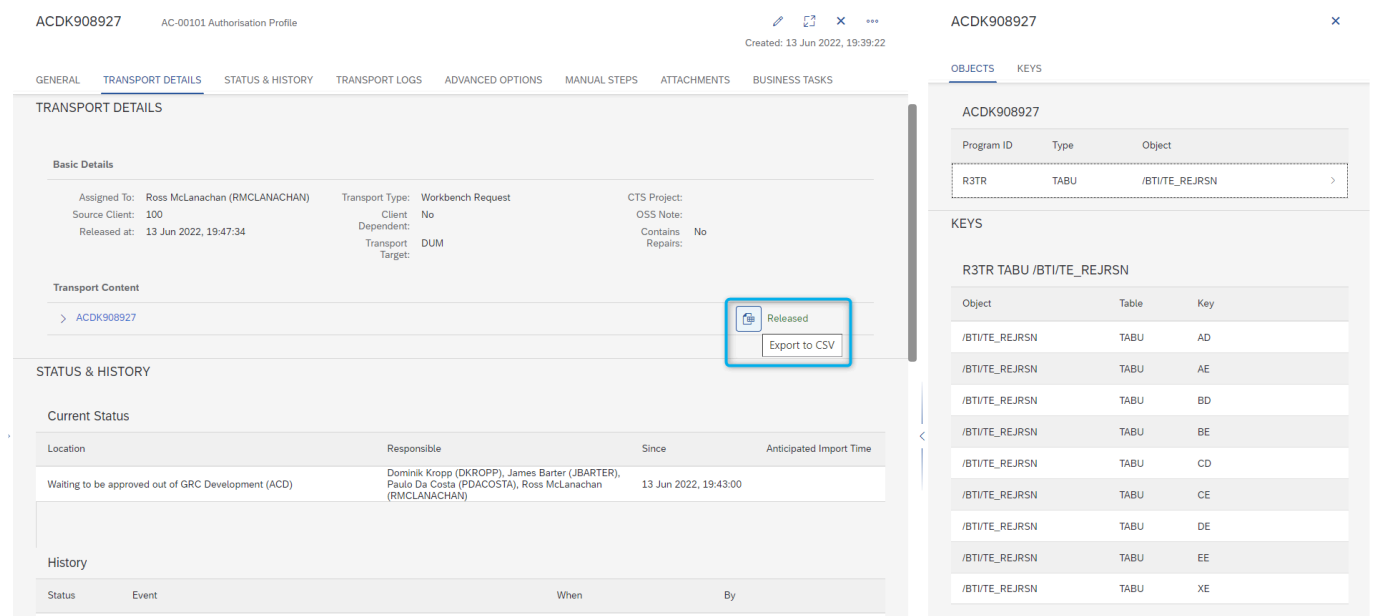


As of ActiveControl 9.00, the (0051) Check Documentation analyser does not highlight missing Manual Step documentation. If this is something Customers would like to see, please let Basis Technologies know and we can look to add it in a future release of ActiveControl.

7.2. Export Transport Contents to CSV

Sometimes SAP transports can contain many hundreds and even thousands of SAP objects and keys. Although ActiveControl customers like being able to view the SAP Transport / Task information via the Transport Form (particularly those that might not have SAPGUI access to the Development SAP system) – the reality is that it is very difficult to analyse the contents of the SAP Transport onscreen when larger numbers of objects and keys are involved.

On the back of several existing customer requests, ActiveControl Web Platform 9.00 introduces a new feature to be able to export the Transport Contents to a CSV file. Doing this will save a local CSV file to the Downloads folder on your PC which you can then use to perform further analysis and/or share with other stakeholders.



The screenshot displays the ActiveControl Web Platform interface for transport ACDK908927. The 'TRANSPORT DETAILS' section is active, showing 'Basic Details' and 'Transport Content'. The 'Transport Content' section includes a link to 'ACDK908927' and an 'Export to CSV' button. The 'KEYS' section lists objects and keys for the transport.

Object	Table	Key
/BT/ITE_REJRSN	TABU	AD
/BT/ITE_REJRSN	TABU	AE
/BT/ITE_REJRSN	TABU	BD
/BT/ITE_REJRSN	TABU	BE
/BT/ITE_REJRSN	TABU	CD
/BT/ITE_REJRSN	TABU	CE
/BT/ITE_REJRSN	TABU	DE
/BT/ITE_REJRSN	TABU	EE
/BT/ITE_REJRSN	TABU	XE

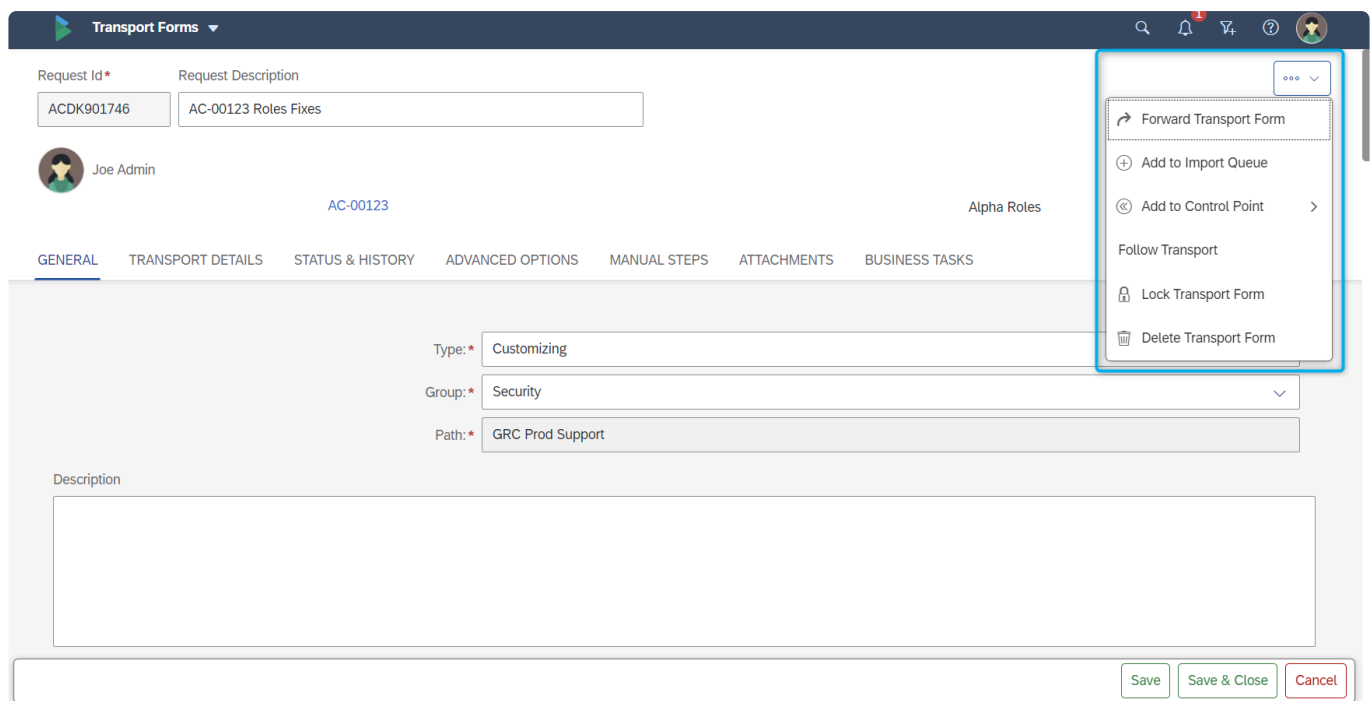
Figure: Transport contents (Objects and Keys information etc) can now be exported to a local CSV file.

7.3. [...] Action Menu

Throughout the Web Platform screens, [...] action menu is used to access some of the less commonly utilised options.

At Transport Form level, the following activities are accessed via the action menu:

- Forward Transport Form
- Add to Import Queue
- Add to Control Point
- Lock (/Unlock) Transport Form
- Delete Transport Form



The screenshot displays the 'Transport Forms' interface. At the top, there's a header bar with 'Transport Forms' and a dropdown arrow. Below this, a form contains 'Request Id' (ACDK901746) and 'Request Description' (AC-00123 Roles Fixes). A user profile for 'Joe Admin' is shown. The main content area has tabs: 'GENERAL', 'TRANSPORT DETAILS', 'STATUS & HISTORY', 'ADVANCED OPTIONS', 'MANUAL STEPS', 'ATTACHMENTS', and 'BUSINESS TASKS'. The 'GENERAL' tab is active, showing fields for 'Type' (Customizing), 'Group' (Security), and 'Path' (GRC Prod Support). A large 'Description' text area is below these. At the bottom right, there are 'Save', 'Save & Close', and 'Cancel' buttons. An action menu is open on the right side, listing: 'Forward Transport Form', 'Add to Import Queue', 'Add to Control Point', 'Follow Transport', 'Lock Transport Form', and 'Delete Transport Form'.

Figure: Action menu on the Transport Form screen.

! The options seen by users in the [...] Action Menu will depend on their underlying ActiveControl authorisations that the user has been assigned.

7.4. Add to Control Point / Add to Import Queue

'Add to Control Point' and 'Add to Import Queue' options can be performed by authorised users in the Web Platform via the Actions menu of an individual Transport Forms.

The screenshot displays the 'Transport Forms' web interface. At the top, there's a header bar with 'Transport Forms' and 'W01'. Below this, a form contains 'Request Id*' (D01K983511) and 'Request Description' (AC-00453 Finance Report changes). A user profile icon is visible on the left. The main content area has a tabbed interface with 'GENERAL' selected. Under 'GENERAL', there are fields for 'Type:' (Transport of Copies), 'Group:' (Logistics), and 'Path:' (APO Prod Support). A large 'Description' text area is below these. At the bottom, there's a 'TR Backout Strategy' field and three buttons: 'Save', 'Save & Close', and 'Cancel'. On the right side, an 'Actions' menu is open, showing options: 'Forward Transport Form', 'Add to Import Queue', 'Add to Control Point', 'Lock Transport Form', and 'Delete Transport Form'. The 'Add to Import Queue' and 'Add to Control Point' options are highlighted with a blue box.

Figure: Add to Control Point and Add to Import Queue actions via a Transport Form

✿ Users wanting to perform a bulk Add to Control Point or Add to Import Queue on several transports should continue to do this via the Windows GUI as part of ActiveControl 9.00. The next release of the Web Platform will introduce this capability in the Web Platform.

7.5. Transport of Copies

Around 30% of ActiveControl customers use Transport of Copies (TOCs) as part of their Dev > QA testing processes. In most cases, the creation of TOCs is automated via the pre-existing ActiveControl configuration in /BTI/TE_VAUTOCON that has been available since ActiveControl 8.40 – however there are some scenarios/processes where a user needs to be able to manually create a TOC via ActiveControl.

The manual creation of TOCs can be done via two places as part of ActiveControl Web Platform 9.00.

1. Transport Form – [Transport Request Details] screen
2. Business Task – [Transports] screen

In both cases, it is possible to create either 'Full' or 'Delta' TOCs. The next release of the Web Platform will add the capability to add 'SAP Taskspecific' and 'Production' TOCs. For ActiveControl 9.00, those types of TOCs will continue to only be possible in the Windows GUI.

Transport Forms W01 ACDK929881

Request Id* ACDK929881 Request Description AC-00342 - Authorisation assignments new Report

Created: 13 Jun 2022, 19:42:38

GENERAL TRANSPORT DETAILS STATUS & HISTORY ADVANCED OPTIONS MANUAL STEPS ATTACHMENTS BUSINESS TASKS

TRANSPORT DETAILS

Basic Details

Assigned To: Ross McLanachan	Transport Type: Workbench Request	CTS Project:
Source Client: 100	Client Dependent: No	OSS Note:
Released at: Not Released	Transport Target: DUM	Contains Repairs: No

Transport Content

Create SAP Task Create TOC

Full Delta

Task	User Id	Type	Released	Actions
ACDK929882	Ross McLanachan	Development/Correction	Not Released	

Figure: Creating a TOC via Transport Form

Business TasksW01

Reference*
AC-00342

Subject*
Roles Transport - lots of objects and keys

Ross McLanachan

Created: 8 Feb 2022, 11:20:34

GENERALCUSTOM DATASTATUS & HISTORYTRANSPORTSTESTINGDEPENDENCIESUSER ASSIGNMENTSATTACHMENTSCHEDULINGCOMMENTS

TRANSPORTS

Create TransportAdd Existing Transport

Search Text

↑↓

⌵

↺

⚙

Request ID	Description	Type	Group	Owner	Release Date	Location	Objects	Keys	Status	GXP Critical Transport?	Technical Architect	Actions
ACDK929881	AC-00342 - Authorisation assignments new Report	Customizing	Security	Ross McLanachan		GRC - Peer Review	0	0				<div><div>⌵</div><div>Full</div><div>Delta</div></div>

TESTING

Testing History

Opened

Closed

> ACD GRC Development

13 Jun 2022, 19:42:38

13 Jun 2022, 19:43:00

Figure: Creating a TOC via Actions list on the [Transports] screen on a Business Task

✿ Note that for customers who do not use Transport of Copies as part of their development/testing processes – removing **CREATETOCFULL** and/or **CREATETOCDELTA** authorisation activities from the ActiveControl roles (by creating Z roles) will result in the Transport of Copies options not being seen at all in the Web Platform.

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8. ShiftLeft Analysis Checks

ActiveControl offers a large suite of more than 70 automated ShiftLeft analysers to help SAP customers avoid quality and deployment issues in the delivery of SAP changes.

These Analysis checks are an extremely important and popular part of ActiveControl. In every release of ActiveControl, new and enhanced analysers are delivered by Basis Technologies on the back of customer feedback.

The new and improved analysers added as part of ActiveControl 9.00 are detailed in the separate core ActiveControl 9.00 Release Notes.

In addition to those new analysers, a couple of core improvements have also been done to the ShiftLeft area as part of the ActiveControl Web Platform.

- [Export Analysis Results to CSV](#)
- [Inclusion of the NNNN Analyser number on the Analysis Results screen](#)
- [Enhanced 0051 ShiftLeft: Check Documentation](#)

8.1. Export Analysis Results to CSV

The person performing the Approval, Test Signoff or Import within ActiveControl is often not the transport owner. As such, they are often not the best-placed person to troubleshoot and mitigate any issues reported by the suite of ShiftLeft analysers.

Prior to ActiveControl Web Platform, it was sometimes necessary for the user running the Analysers to try to copy/paste the results – or take a screenshot – to send to the Transport/Change Owner to review the warnings. This could sometimes be cumbersome for some of the more technical Analysers – such as (0031) Overtake/Regression or (0060) Deep Impact Analysis – where a lot of information was being presented on screen in the UI.

On the back of customer feedback, ActiveControl Web Platform introduces a new capability to export Analysis Results to CSV file. This can be run for an individual Analysis in the Analysis Results, or for the entire Analysis Results. Doing this will save a local CSV file to the Downloads folder on your PC which you can then use to perform further analysis and/or share with other stakeholders.

The screenshot displays the 'My Approvals' section of the ActiveControl web platform. A modal window titled 'Analysis Results' is open, showing two analysis items. The first item, labeled '0030', has a status of '1' and a description: '1 transport(s) with missing requests belonging to the same business tasks. You are not approving all the transports linked to the associated business tasks. Normally all transports relating to a task should be moved through landscape at same time'. Below this is a table with columns: Request, Request Description, Task Reference, Missing Request, Missing Request Description, Release Date, and Release time. The second item, labeled '0051', has a status of '1' and a description: 'The Documentation Check has found that some documents are currently not attached to this SAP Change'. Below this is a table with columns: Task reference, Task Description, and Missing Document Category. At the bottom right of the modal, there is a blue button labeled 'Export to CSV' and a blue button labeled 'OK'. A blue circle with the number '1' is next to the 'Export to CSV' button. Below the modal, a file download notification shows 'download (19).csv' with a blue circle containing the number '2' and an upward arrow. A 'Show all' button is also visible.

Request	Request Description	Task Reference	Missing Request	Missing Request Description	Release Date	Release time
ACDK910415	AC-00123 New auths	AC-00123	ACDK901746	AC-00123 Roles Fixes		

Task reference	Task Description	Missing Document Category
AC-00986	TOC Transport of Copies Example	Unit Testing Evidence

Figure: Analysis Results can now be exported to local CSV file.

8.2. NNNN Analyser number now seen on Analysis Results screen

As part of the ActiveControl Web Platform, the NNNN identifier of the ActiveControl analyser is now shown as part of the Analysis Results screen. This has been added to help Customer AC Administrators and the Basis Technologies Support Team troubleshoot screenshots sent by users, in terms of being able to more easily identify which Analyser the particular analysis results relate to.

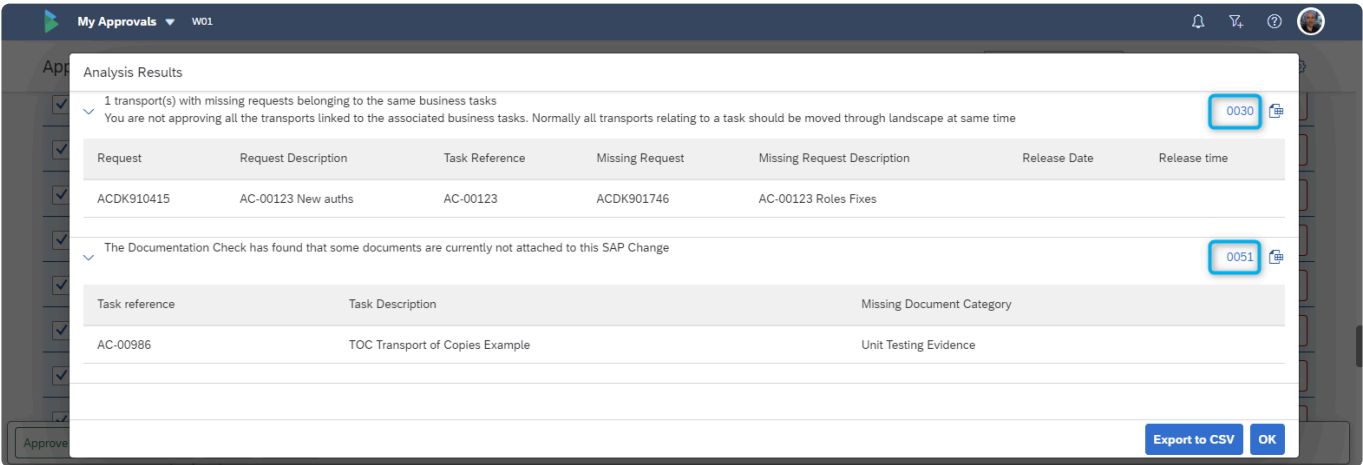


Figure: NNNN identifier of each Analyser is now included in the Analysis Results screen.

✿ Most of our Analysers can be searched via the NNNN number in our online Knowledge Database. They are all also detailed in the ActiveControl Administrator Guide.

8.3. Optimised ShiftLeft: Check Documentation (0051)

ShiftLeft: Check Documentation (0051) always required specific configuration (and a user exit) in a Test Queue for it to work properly. This was the technical result of how Attachments were handled in the old ActiveControl WebUI, and is detailed in this online [Knowledge Article](#).

This configuration inconsistency often resulted in misconfiguration being performed by the Basis Technologies' Delivery Team and our customers.

This has been addressed as part of the ActiveControl Web Platform, so that the 0051 analyser can now be configured in a Test Queue as per the typical way to setup an Analyser. The User Exit is also no longer required.

Configuration Steps

0051 Check Documentation should now be configured in Test Queues as per the standard way (ie setting the Analyser as mandatory etc)

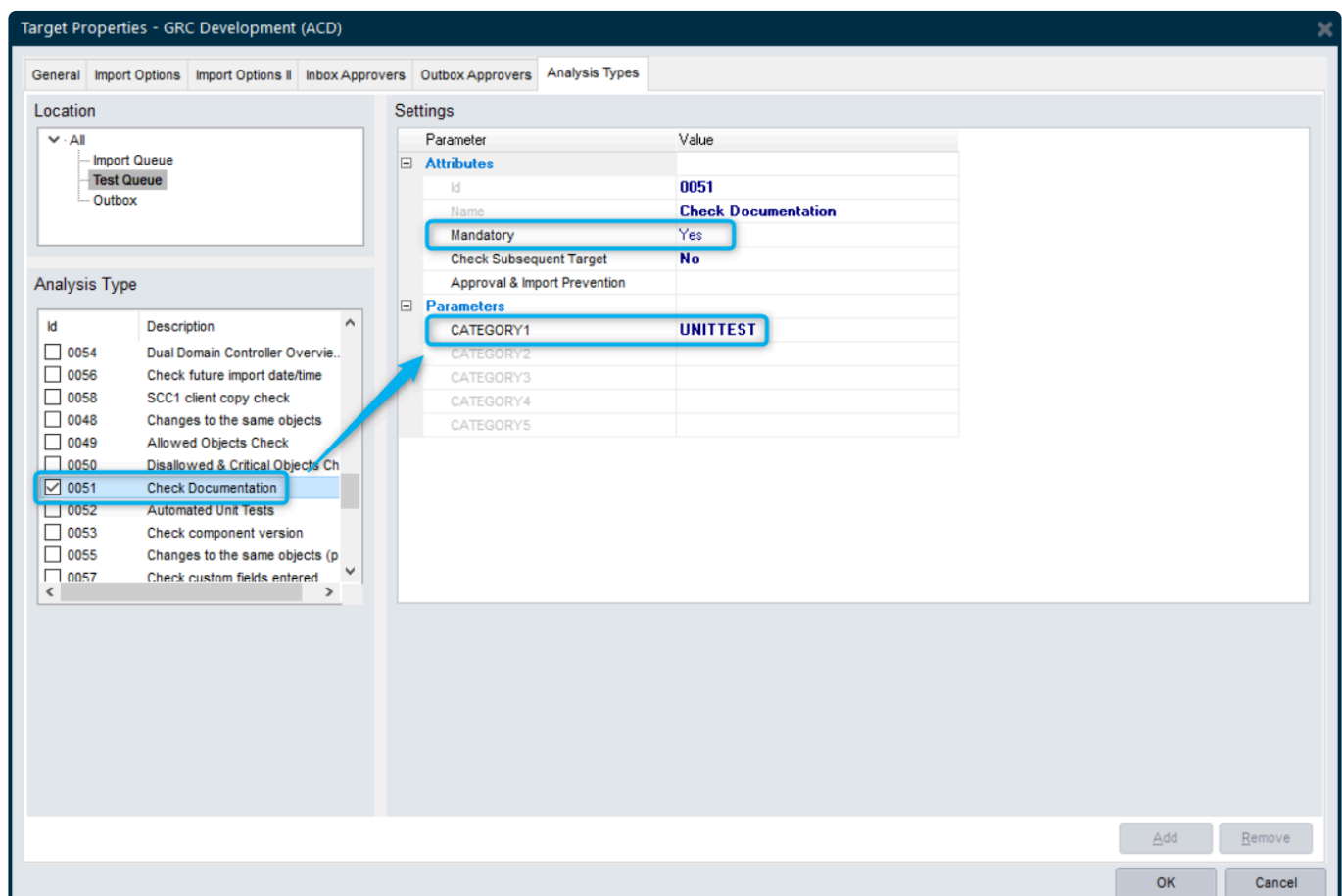


Figure: (0051) Check Documentation analyser configuration in Test Queue.

9. Approvals and Test Signoffs

ActiveControl is an approvals workflow at its core, and as such the Approvals and Test Queue signoffs are a fundamental aspect of the product.

As well as Mobile access to Approvals and Test Queues that is made possible with the Web Platform, some other enhancements have been introduced as part of the ActiveControl Web Platform 9.00 release.

- [Multi-Location Approvals/Test Signoffs](#)
- [Approval Delegations](#)
- [Hiding the Save and Close button](#)

Over the years, many customers have requested to be able to perform multi-path Approvals within ActiveControl.

This is particularly important at larger enterprise SAP customers who have a lot of SAP applications, as they are potentially delivering SAP Changes (ie Business Tasks) that include transports in many different Development systems. In the case of Approvers having to perform the approval across the entire SAP estate, historically within ActiveControl this meant approving one path at a time; this could clearly become a little bit cumbersome and inefficient.

ActiveControl Web Platform introduces multi-location Approvals, whereby users can not only approve multiple items within a Path, but also now approve multiple items across different Paths.

In all cases, the Analysers will run based on what is configured in the specific Path/Location for the changes and transports in that particular Path/Location.

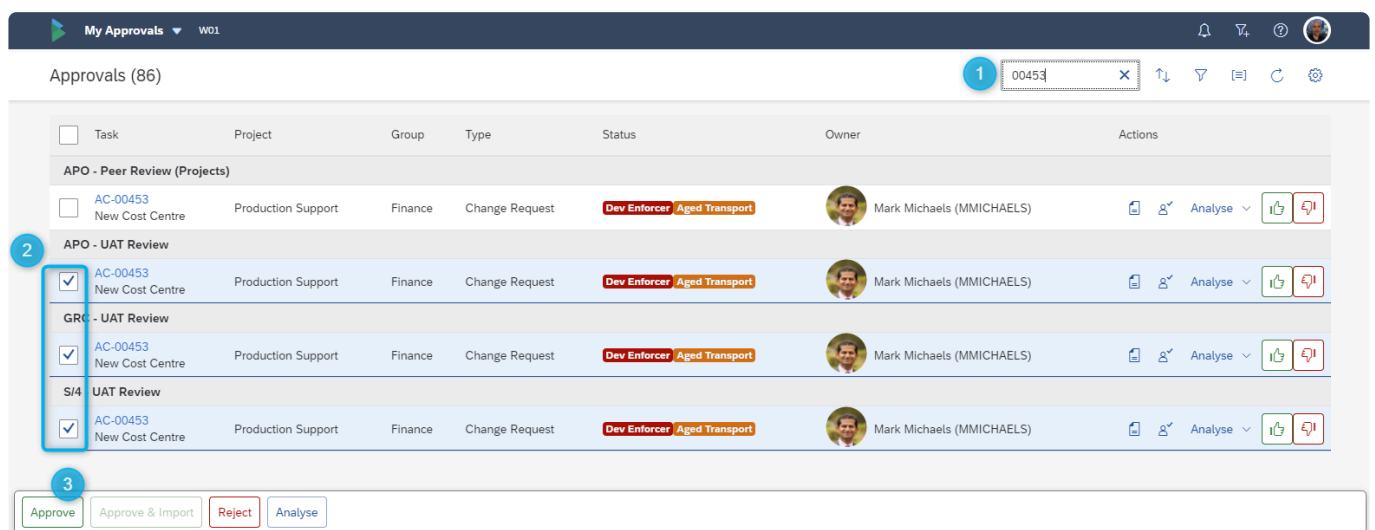


Figure: Multi-location selection and Approval in the Web Platform. Note the use of [Control Point Label](#) configuration in the screenshot



It is not possible to Reject across different Locations (but it is possible to Reject multiple items within a single Location).

9.2. Approvals: Delegations

Delegations are used within ActiveControl to delegate Inbox and Outbox approvals in the event that the original Approver has some planned leave which will necessitate another user performing their Approvals in their absence.

Force Delegation can be used by authorised users such as Administrators, to set delegations in the event of unplanned leave.

Within the Web Platform, delegations are set via the User dropdown menu in the top right of the UI.

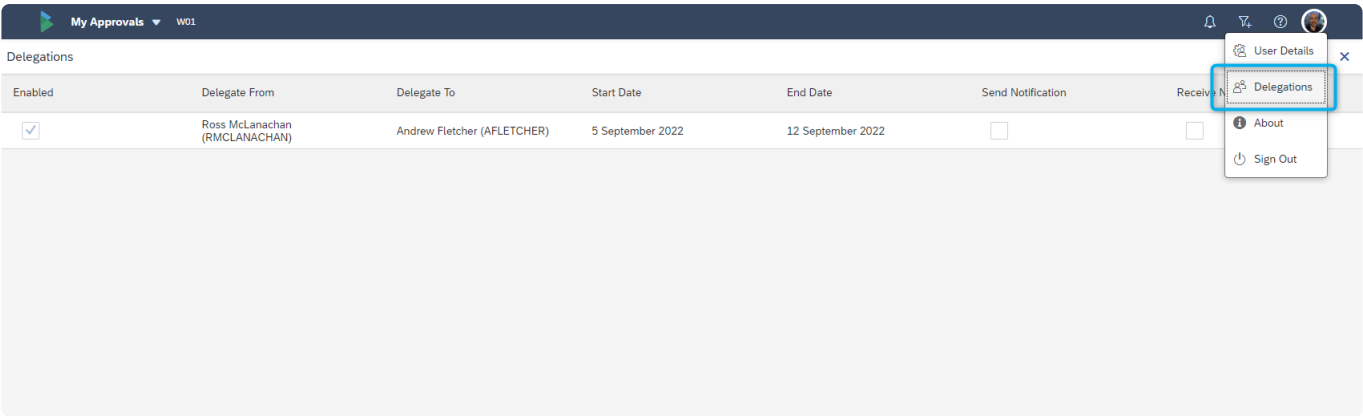


Figure: Delegations are set via the User dropdown menu in the Web Platform.

9.3. Testing: Hide the “Save and Close” button

One of the most common user errors at new ActiveControl customers over the years has been Testers clicking on “Save and Close” instead of “Save and Approve Testing” during the Test Signoff process, and then wondering why the Business Task they just tested had not moved forward in the workflow.

To address this user error, many customers have requested to be able to hide the “Save and Close” button so that users only see the “Save and Approve Testing” option.

As part of the new [Feature Deactivation](#) capability being introduced as part of the Web Platform, it is now possible to hide this button for all users.

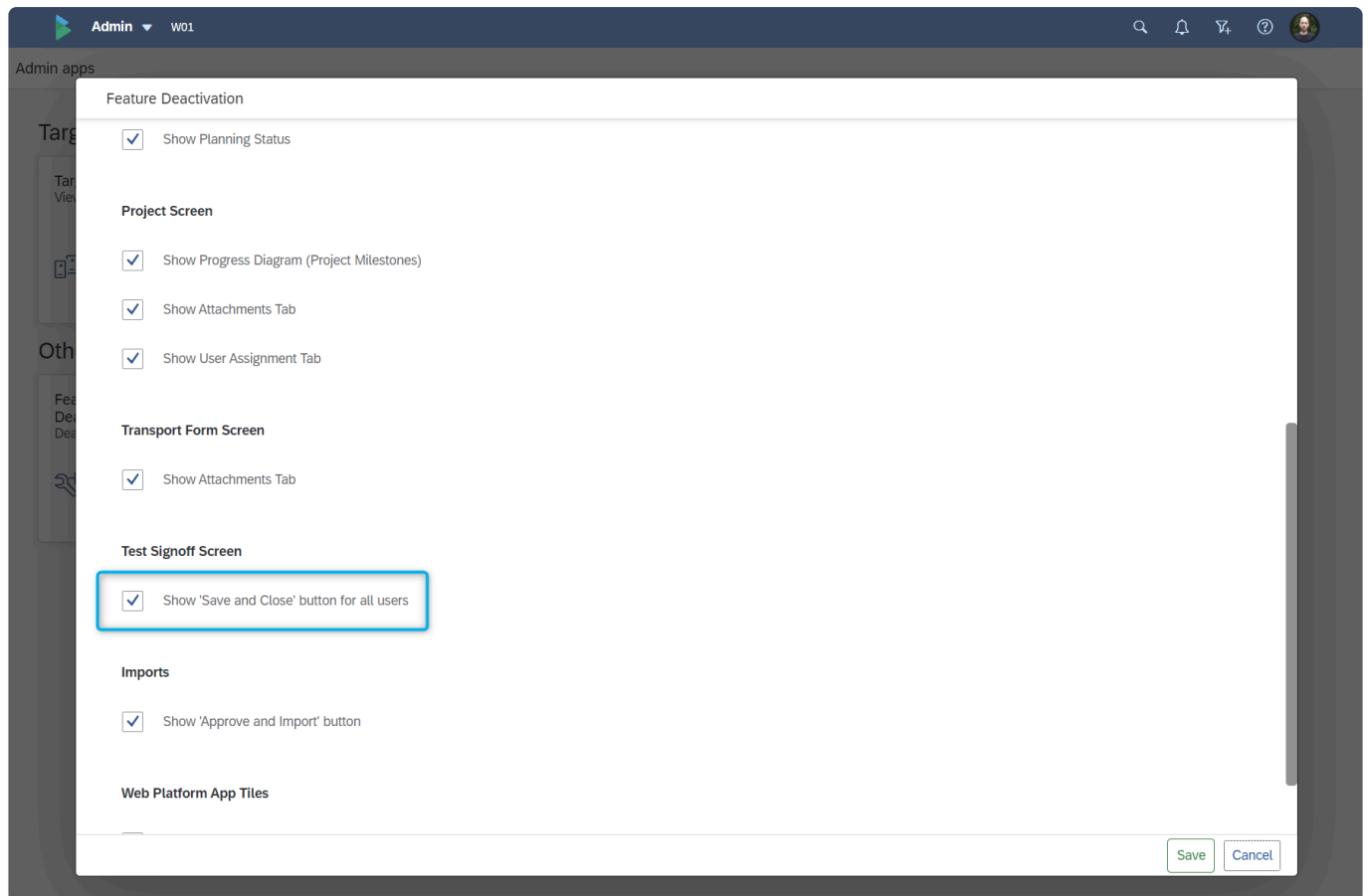


Figure: [Save and Close] button can be hidden on the Test Entry screen, via Feature Deactivation.

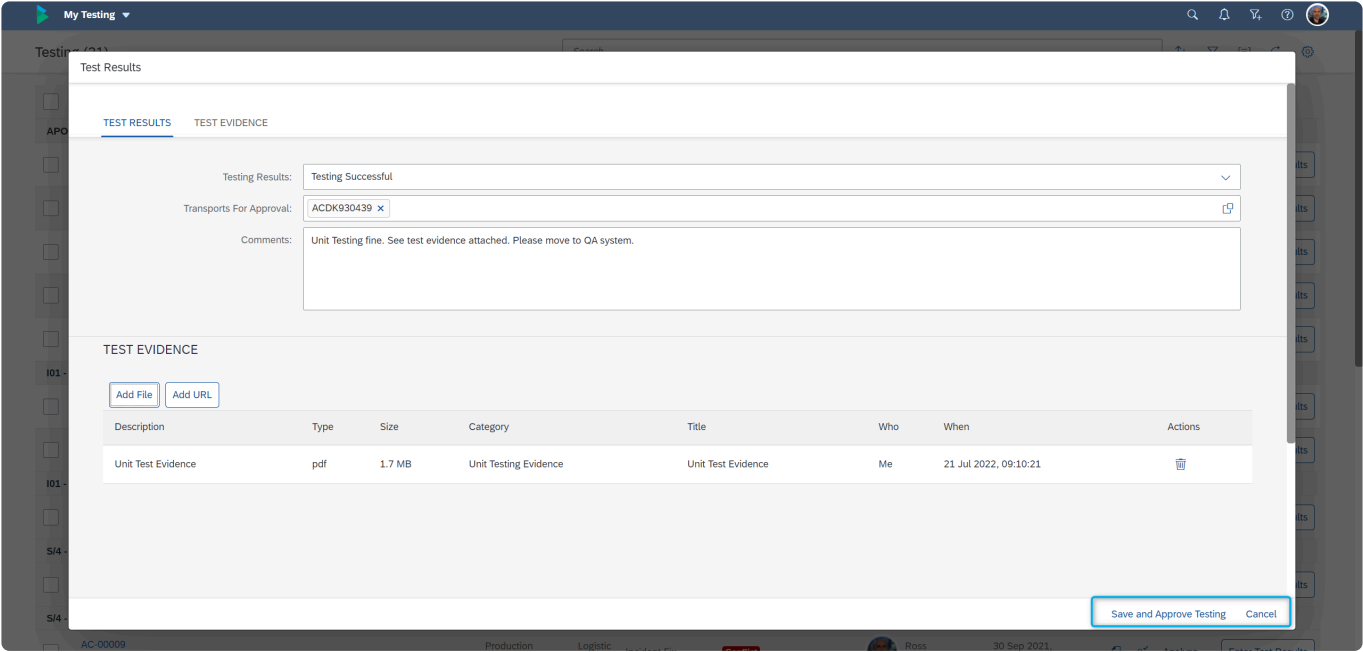


Figure: Test Results Screen, without the [Save and Close] button.

* Note that customers who deactivate the [Save and Close] button will not be able to enter Test Results against 'Problem Found' option, as that relies on the Save and Close button.

9.4. Testing: Transports now seen in the Test Results screen

In previous versions of ActiveControl, it was always necessary to select the transports for which Test Results were being entered via a separate screen.

Although this screen is also part of the Test signoff process within the ActiveControl Web Platform, an enhancement has been introduced whereby after the transports are selected, they will thereafter be visible on the main screen. Additionally, in the situation whereby a Test Signoff is required on only one transport, the transport will now be automatically populated. This has been added on the back of customer feedback during 2021 to avoid unnecessary manual effort.

Test Results

TEST RESULTS TEST EVIDENCE

Testing Results: Testing Successful

Transports For Approval: D01K951828 x D01K952585 x D01K980286 x D01K980294 x D01K980311 x

Comments: My unit testing is succssful. Please move all my transports forward.
Jane will sign off her customizing transports seperately when she finishes her seperate unit testing.

TEST EVIDENCE

Add File Add URL

Description	Type	Size	Category	Title	Who	When	Actions
No data							

Save and Approve Testing Cancel

Figure: Transports now visible in the main Test Results screen.

10. Searching

ActiveControl Web Platform offers several ways of Searching.

1. Via the Individual tiles for Project, Business Task and Transport Form.
2. Via Search Bar (or a separate Search app tile for customers accessing the Web Platform via Fiori Launchpad)

It is anticipated that in most cases, users will choose to use the Search Bar. As part of ActiveControl Web Platform 9.00, it is possible to search on the following criteria (or a substring of any of them) via the Search Bar:

- Business Task Reference
- Business Task Subject
- Transport Number
- Transport Description
- Transport Form Description (note this is new capability that was not possible in the legacy ActiveControl WebUI)
- Transport Form Text Custom Fields (note this is new capability that was not possible in the legacy ActiveControl WebUI)

Performing a Search will present the results in the same Business Task-oriented screen that was available in the legacy WebUI. Authorised users will be able to perform Approvals, Test signoffs and run Analysers from the Search Results list screen.

Task	Project	Group	Type	Status	Actions
<input type="checkbox"/> GRC - Peer Review AC-00454 OSS Note 0234351	Production Support	Basis	Change Request	Dormant Transport	Analyse
<input type="checkbox"/> GRC - Peer Review (Projects) AC-01006 Security Roles for Fixes	Production Support	Security	Change Request	Aged Transport Dormant Transport Manual Step	Analyse
<input type="checkbox"/> AC-00670 Project Bumblebee roles	Project Bumblebee	Security	Project Requirement	Dormant Transport	Analyse
<input type="checkbox"/> AC-00451 Project Carumba! - new User roles and profiles	Project Carumba!	Security	Change Request	Dormant Transport	Analyse
<input type="checkbox"/> GRC - UAT Review AC-00453 New Cost Centre	Production Support	Networks	Change Request	Dev Enforcer Aged Transport Dormant Transport	Analyse
<input type="checkbox"/> AC-00409 Sales Order updates	Project Delta	HCM	Project Requirement	Risk Dev Enforcer Aged Transport Dormant Transport	Analyse
<input type="checkbox"/> SI4 CAB Approval AC-00453 New Cost Centre	Production Support	Networks	Change Request	Dev Enforcer Aged Transport Dormant Transport	Analyse
<input type="checkbox"/> T01 - APO Production: Inbox AC-00453 New Cost Centre	Production Support	Networks	Change Request	Dev Enforcer Aged Transport Dormant Transport	Analyse
<input type="checkbox"/> W01 - APO Project Test: Import Queue AC-00453 New Cost Centre	Production Support	Networks	Change Request	Dev Enforcer Aged Transport Dormant Transport	Analyse

Figure: Search Results screen in the ActiveControl Web Platform.



Basis Technologies are considering expanding the current Search capability as part of a

future Web Platform release, to allow for more powerful AND/OR searches. If this is something you are interested in, we would appreciate hearing your feedback and suggestions of what you would like to be able to search for within ActiveControl.

11. Reporting & Analytics

It is possible to access the ActiveControl [Reports] and [DevAnalytics] screens via respective tiles in the Web Platform.

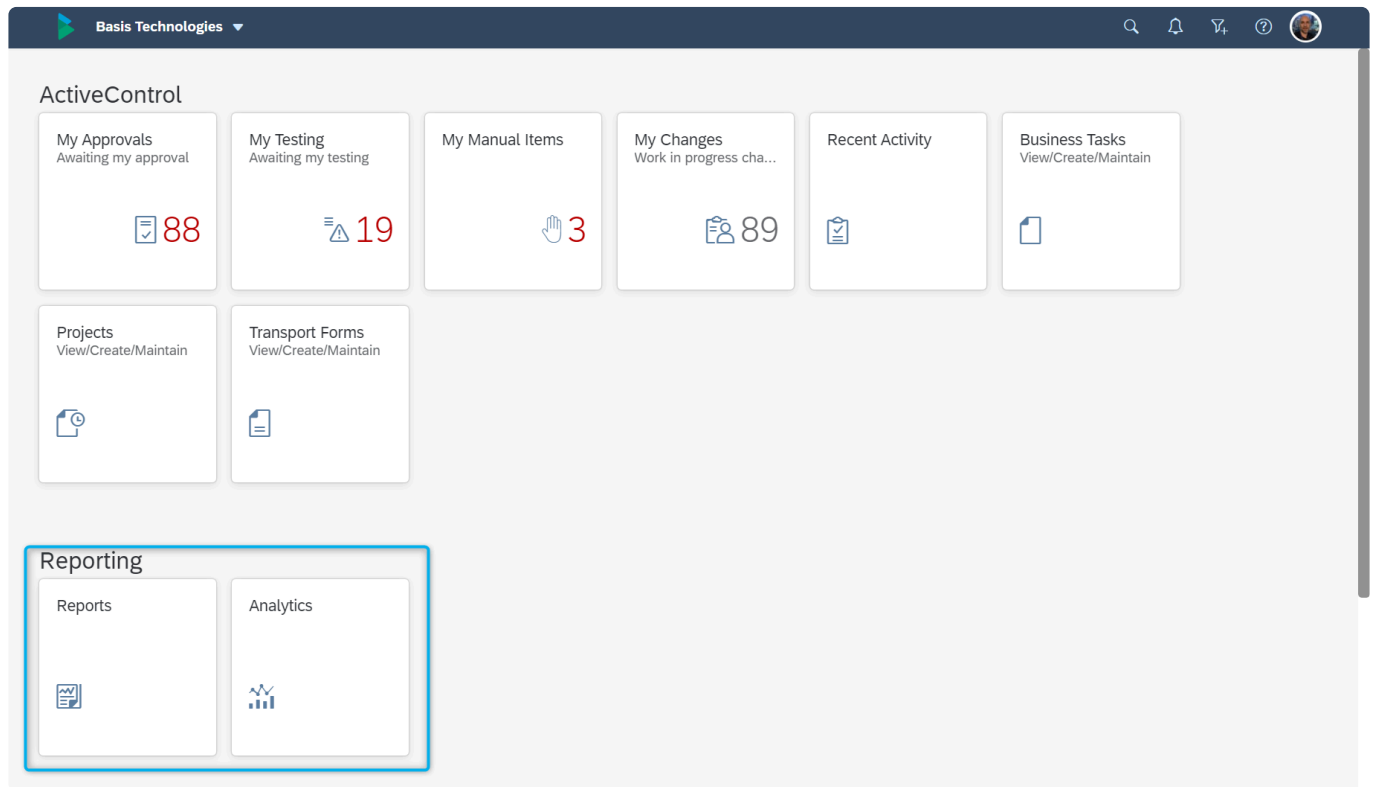


Figure: Reports and Analytics tiles within the Web Platform.

Reports

The ALV reports have been split out into four section groupings in the Web Platform, to make it easier for different user personas to know what reports are more likely to be required by them:

- Operational Reports
- Audit / Governance Reports
- Landscape Reports
- Merge Reports

When an ALV report is clicked, the report selection screen will open in a new tab/window of the browser.

The screenshot shows the 'Reports' section of the web platform. On the left, a list of reports is displayed, with 'Build List Report' highlighted. The main area shows the configuration for the 'Build List Report'. The configuration includes a 'Menu' dropdown, a 'Save as Variant...' button, and buttons for 'Back', 'Exit', 'Cancel', 'System', 'Execute', and 'Program Documentation'. The form fields are as follows:

Path	?
Target	0
Location	
Project	
Group	
Task	
Intended Deployment Start Time	00:00:00
Intended Deployment Start Date	04.07.2022
Def. Manual Step Effort (Mins)	10

At the bottom, there are two checkboxes: ☐ Include previous systems and ☐ Load timing from import logs.

Figure: Reports screen within the Web Platform.



Customers can still add Z reports to the Web Platform, and also modify the aforementioned section groupings. The latter is done via new backend table /BTI/TE_DASHBGRP

Analytics

The Analytics tile requires some pre-requisite ActiveControl DevAnalytics setup. Note that as part of the Web Platform, the URL of the customer's DevAnalytics dashboard now needs to be stored in a new ActiveControl table /BTI/TE_CONSTT against the constant wpAnalyticsUrl. Details of this can be found in this online [Knowledge Article](#)

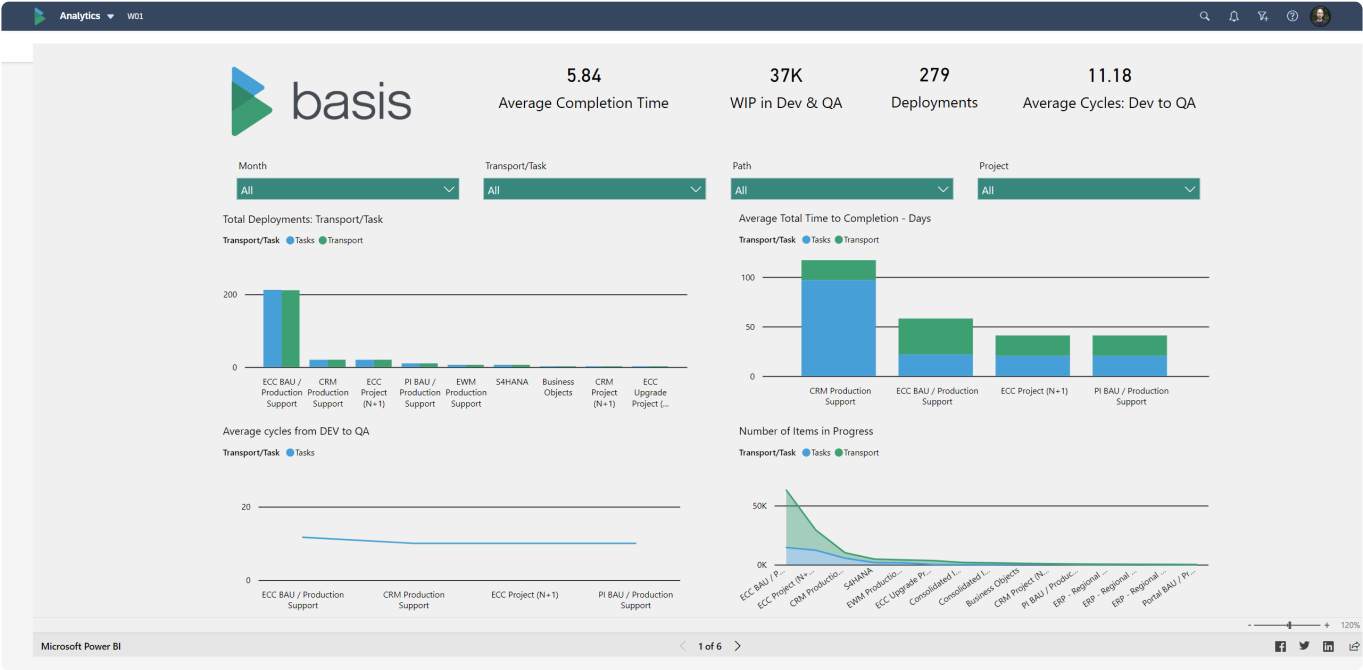


Figure: Analytics screen within the Web Platform.

12. Advanced / Ancillary Topics

This section of the Release Notes summarises changes to some of the other aspects of ActiveControl that will not be relevant for all Customers:

- [My Changes / My Roles / My Teams](#)
- [Path Filtering](#)
- [RESTful APIs](#)

12.1. My Changes / My Roles / My Teams

The legacy ActiveControl Web UI offered informational list screens for the following:

- **My Changes** (shows all Business Tasks to which you have Transports associated)
- **My Roles** (shows all Business Tasks to which you are assigned to a User Role)
- **My Teams** (shows all Business Tasks to which my Team(s) have Transports associated).

These three lists have been combined in the Web Platform into three subscreens within the “My Changes” tile. The count on the tile is the count of “My Changes”

Task	Project	Group	Type	Status	Actions
APO - Peer Review					
<input type="checkbox"/> AC-00031 APO backend changes	Production Support	Basis	Change Request	Aged Transport Dormant Transport	Analyse
<input type="checkbox"/> AC-00044 APO work	Production Support	Security	Incident Fix	Dormant Transport	Analyse
<input type="checkbox"/> AC-00485 Invoice Documents update	Production Support	Logistics	Change Request	Risk Aged Transport Dormant Transport Manual Step	Analyse
<input type="checkbox"/> AC-00451 Project Carumba - new User roles and profiles	Project Carumba!	Security	Change Request	Dormant Transport	Analyse
APO - Peer Review (Projects)					
<input type="checkbox"/> AC-01006 Security Roles for Fixes	Production Support	Security	Change Request	Aged Transport Dormant Transport Manual Step	Analyse
<input type="checkbox"/> AC-00675 Payment Details - Updates	Production Support	Logistics	Change Request	Risk Aged Transport Dormant Transport	Analyse
<input type="checkbox"/> AC-01004 Sales Reporting enhancements - Project Alpha	Project Alpha	Logistics	Project Requirement	Dormant Transport	Analyse
APO - Team Lead Approval					
<input type="checkbox"/> AC-50009 0009 Check Releasability	Production Support	Finance	Change Request	Dormant Transport Manual Step	Analyse
APO - Unit Testing (Projects)					
<input type="checkbox"/> AC-00005 New Work Schedule Rules (EMEA)	Production Support	HCM	Change Request	Dormant Transport	Analyse Enter Test Results
<input type="checkbox"/> AC-00234 Warehouse Modernisations	Production Support	Logistics	Change Request	Dormant Transport	Analyse Enter Test Results
<input type="checkbox"/> AC-00432 Sales Invoice updates	Production Support	Security	Change Request	Dormant Transport	Analyse Enter Test Results

Figure: My Changes / My Roles / My Teams list screens within the Web Platform.



[My Teams] subscreen is based on the existing /BTI/TE_USERGRPS backend configuration table.

12.2. Recent Activity

In the legacy WebUI, it was possible to see recent activity (both your own, plus other peoples) via the Newsfeed section on the right of the main screen.

The ActiveControl Web Platform offers the same capability via the Recent Activity tile. The information is presented in a more tabular way within the Web Platform, with the advantage that this introduces a filtering / search capability on the information.

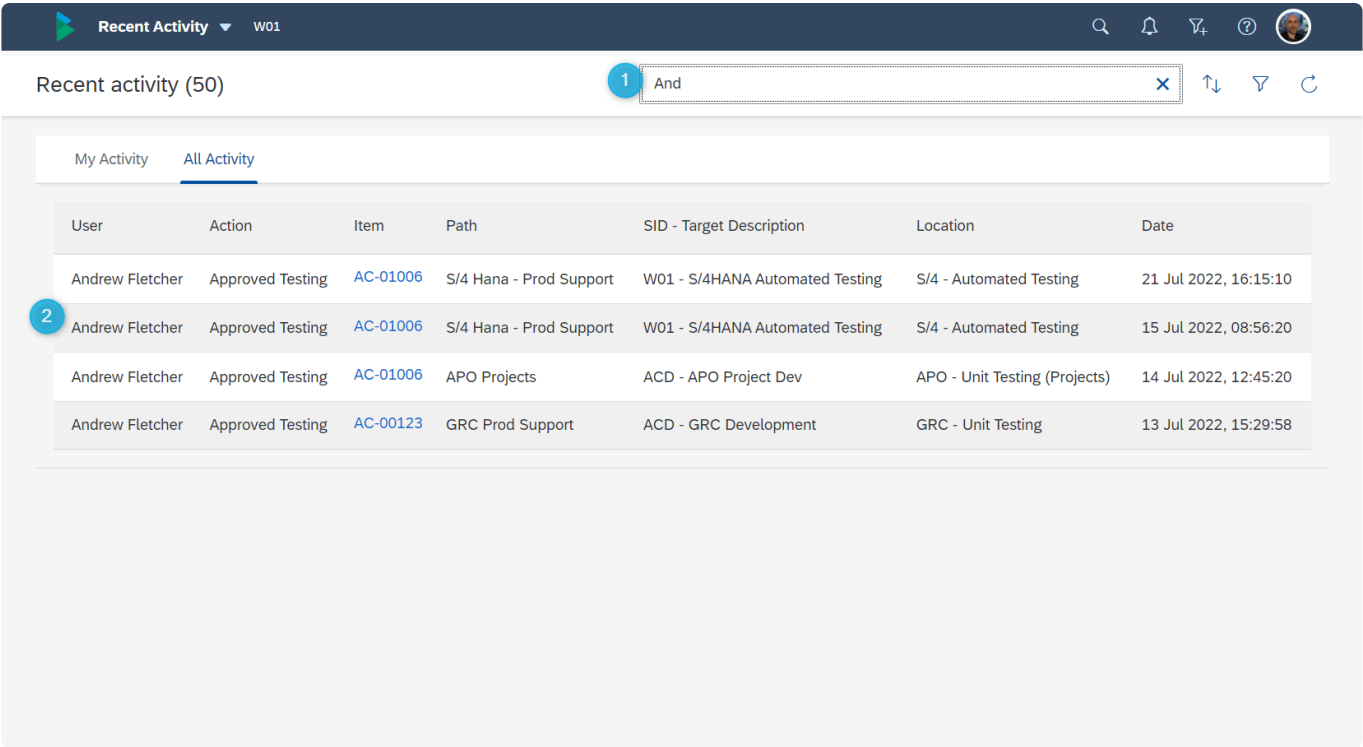


Figure: Recent Activity within the Web Platform.

12.3. Path Filtering

Within ActiveControl Web Platform, it is possible to filter on individual Path(s). This can be useful for Approvers or Testers who have to test across a lot of SAP landscapes in bigger enterprise SAP customers, but want to be able to easily see how many changes they need to look at within a particular SAP application.

This functionality was available in the legacy Web UI since ActiveControl 8.40, and has been replicated in the Web Platform via Filter icon in the shellbar. Path filtering is relevant for both the “My Approvals” and the “My Testing” tile counts.

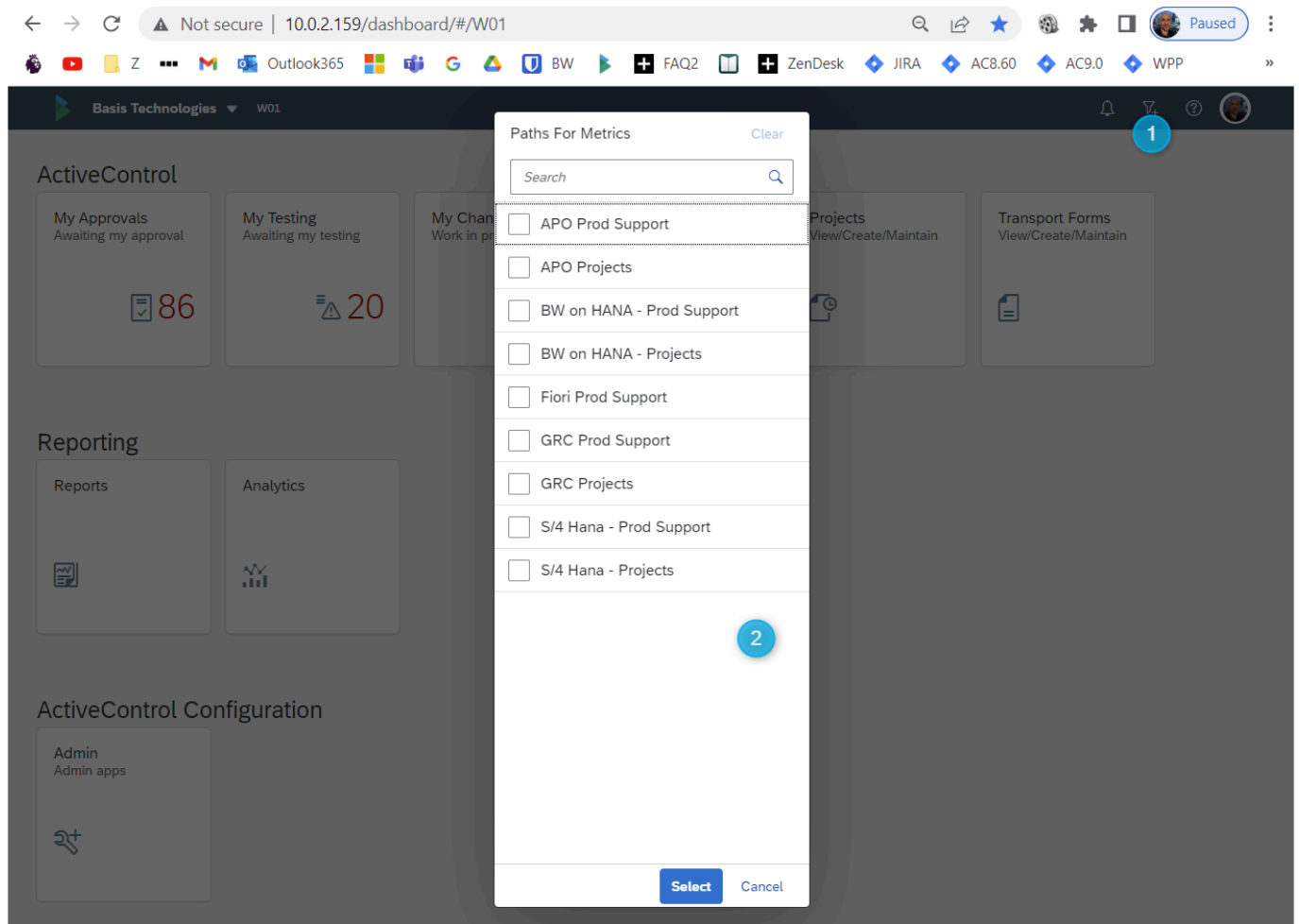


Figure: Path metric filtering in the Web Platform.

12.4. RESTful APIs

ActiveControl has long offered a set of SOAP APIs that can be used to perform various key operations within ActiveControl via integrations with external 3rd Party tools:

- Create a Business Task
- Change a Business Task
- Read a Business Task
- Start the analysis for a Business Task
- Read the results of an analysis run
- Approve a Business Task
- Enter the test results for a Business Task

Over the years, some Basis Technologies' customers looking to do more advanced integrations between ActiveControl and other 3rd Party tools have requested a much more extensive set of RESTful based APIs.

ActiveControl Web Platform 9.00 includes new RESTful APIs that can be used by customers to interact with ActiveControl from other 3rd Party tools. The available RESTful APIs can be viewed from the /docs/ subdirectory of your Web Platform installation. These APIs do not use Odata or CDS views because Basis Technologies needed to ensure compatibility for customers with older SAP systems.

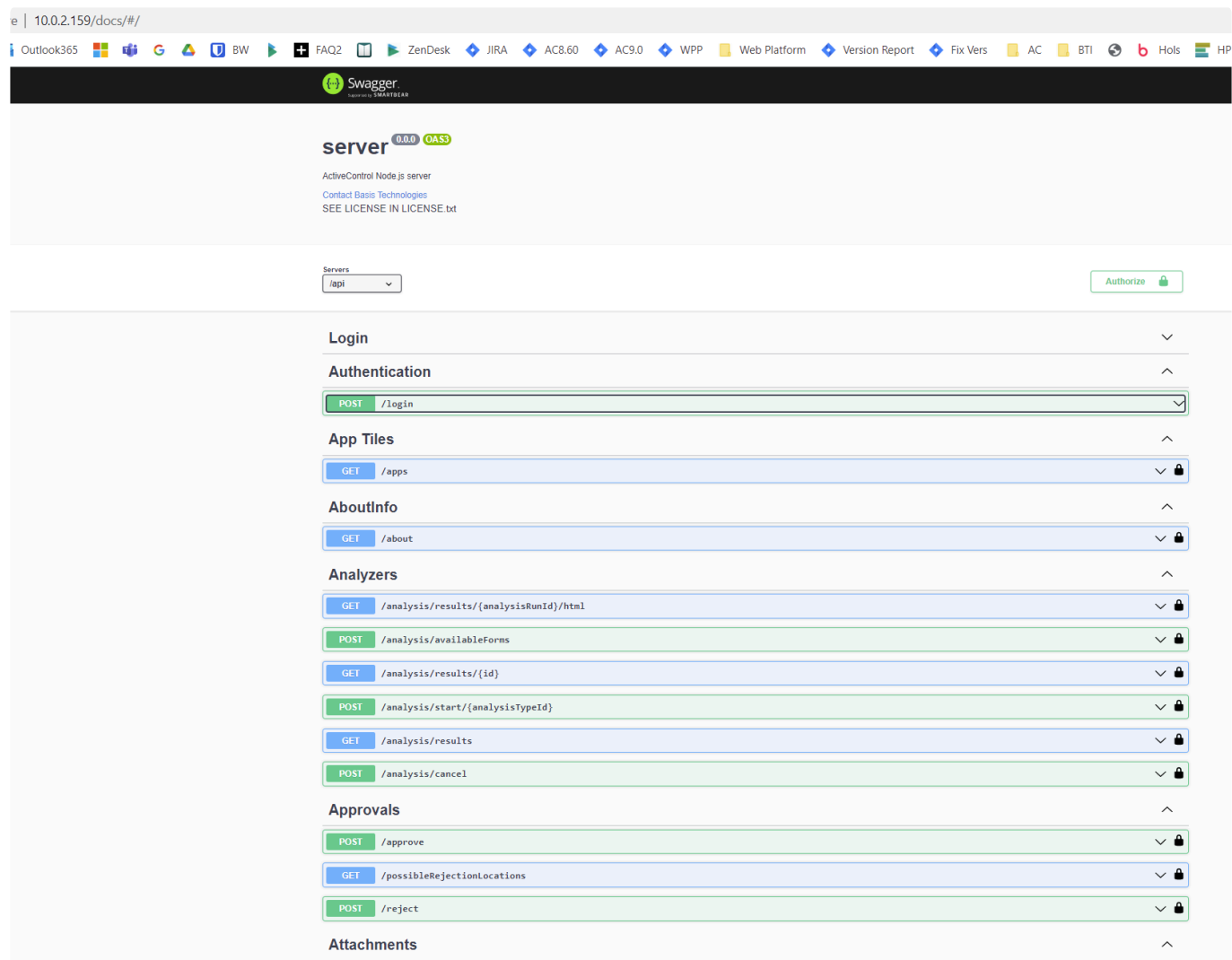


Figure: RESTful APIs are available as part of ActiveControl Web Platform, and documented in Swagger /doc/ directory.



Although the suite of RESTful APIs are already a lot more extensive that what was previously available with ActiveControl, the suite will continue to grow with the Web Platform in 2023.

13. Administration

All configuration screens in ActiveControl Web Platform 9.00 are accessed via the [Admin] tile.

ActiveControl Administrators are the only users who are able to make configuration changes within the [Admin] tile. Any users with authorisation object Y_TEUSER-[CONFIG] will be able to view the configuration screens, but not make any changes. All other users will not see the tile on their home screen.

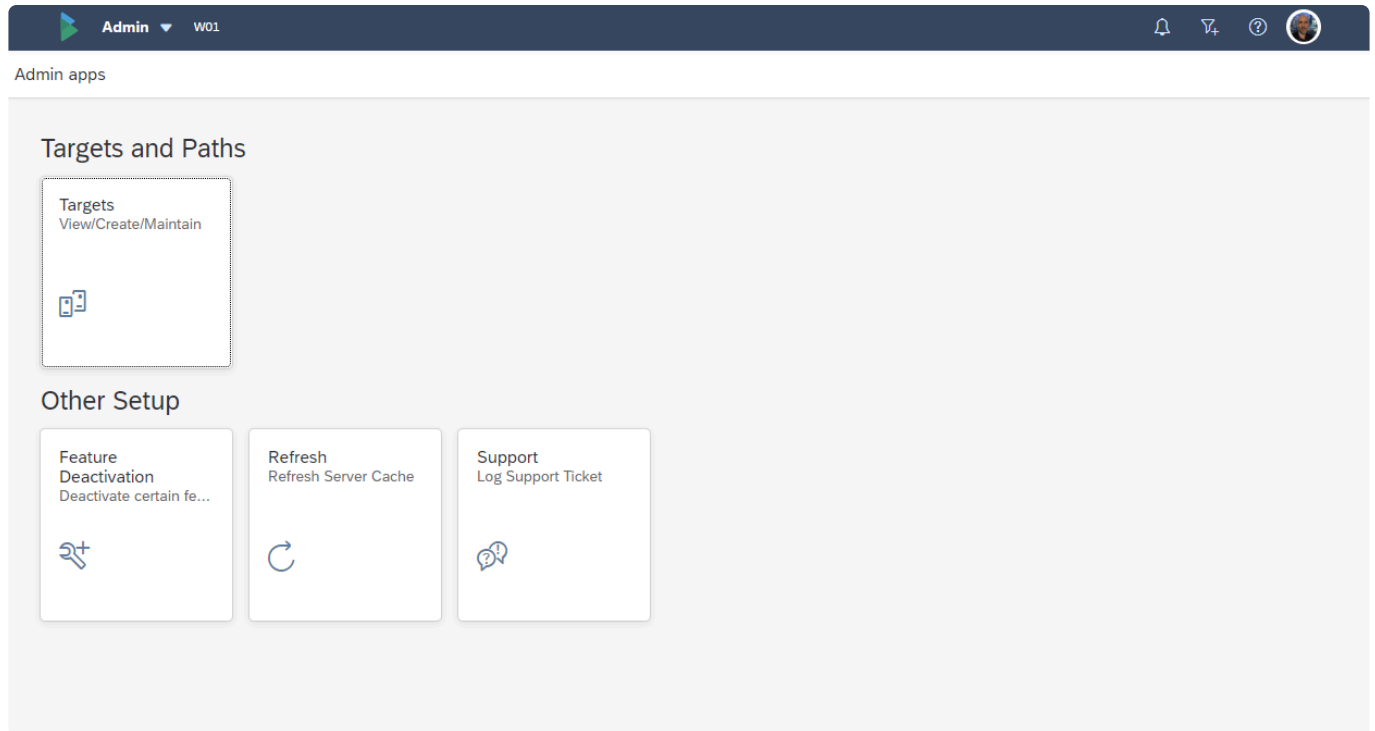


Figure: Admin apps in the Web Platform.

In ActiveControl Web Platform 9.00, the majority of configuration should continue to be done via the Windows GUI. The only exceptions to this are the following:

- [Feature Deactivation](#)
- [Control Point Labelling](#)
- [Support Tickets can now be raised to Basis Technologies via Web Platform](#)

13.1. Feature Deactivation

Most Basis Technologies' customers utilise around 20-30% of the total available functionality of ActiveControl.

In most cases, there are Features that are never used as part of the customer's workflow and processes within ActiveControl, but are still seen by users, inevitably sometimes leading to avoidable questions / confusion. Common examples of these include the Merge and Transport of Copies functions that are not relevant for all SAP customers, and also some of the individual ActiveControl screens such as the [Additional Data] screen on the Business Task, or the [Planning Status] dropdown field on the Business Task.

The ActiveControl Web Platform introduces a new Feature Deactivation screen via which Administrators can globally hide some of the App Tiles / Screens / Tabs and Buttons that are not used within their own ActiveControl implementation and processes.

As of ActiveControl Web Platform 9.00, the following capabilities can be deactivated (hidden):

Business Task

- Show Progress Diagram (Project Milestones)
- Show RAG Section
- Show RAG Information – DevEnforcer
- Show RAG Information – Conflict Analysis
- Show RAG Information – Aged Transport
- Show RAG Information – Risk Guard
- Show RAG Information – Dormant Transport
- Show Scheduling Tab
- Show Additional Data Tab
- Show Attachments Tab
- Show Planning Status

Project screen

- Show Progress Diagram (Project Milestones)
- Show Attachments Tab
- Show User Assignment Tab

Transport Form screen

- Show Attachments Tab

Test Results screen

- Show 'Save and Close' button for all users

Approvals and Imports

- Show ‘Approve and Import’ button

Homescreen

- Show Priority Approvals Tile
- Show Project RAG Tile

Feature Deactivation

Business Task Screen

☒

Show Progress Diagram (Project Milestones)

☒

Show RAG Section

☒

Show RAG Information - DevEnforcer

☒

Show RAG Information - Conflict Analysis

☒

Show RAG Information - Aged Transport

☒

Show RAG Information - Risk Guard

☒

Show RAG Information - Dormant Transport

☐

Show RAG Information - Deleted Transport

☒

Show Scheduling Tab

Show Additional Data Tab

☒

Show Attachments Tab

☒

Show Planning Status

Project Screen

☒

Show Progress Diagram (Project Milestones)

☒

Show Attachments Tab

☒

Show User Assignment Tab

Transport Form Screen


☒

Show Attachments Tab

Save

Cancel

Figure: Feature Deactivation screen within the Web Platform can be used to globally hide Features that are not being used by the Customer.

 Basis Technologies welcome feedback on this new capability of the Web Platform, particularly with regards to other existing ActiveControl features that customers would like to be able to hide.

13.2. Control Point Labelling

Over the years, numerous new ActiveControl customers have asked if it was possible to rename the standard control points from the standard ActiveControl terminology of Inbox, Test Queue and Outbox, to terminology that instead reflected their own process steps. For example:

- Development Test Queue might instead be called “Unit Testing”
- QA Outbox might instead be called “UAT Review”
- Production Inbox might instead be called “CAB Approval”

ActiveControl Web Platform 9.00 introduces this capability via the new Labels configuration option within the Targets tile. Via this new optional configuration, Administrators can define the wording that will be seen by Users in all areas of the product where Location information is seen. If a Label is configured, this will be seen, otherwise the standard SID – Description – Control Point location will be seen by default.

The screenshot displays the 'Targets' configuration page in the ActiveControl Web Platform. On the left, a table lists 16 targets. The selected target, '0001 D01 S/4HANA Development', is shown in detail on the right. The 'Labels' section is highlighted with a red box, indicating the configuration for custom control point labels. The 'Labels' section shows the following configuration:

Control Point	Label
Inbox:	S/4 - Dev Import
Import Queue:	S/4 - Unit Testing
Test Queue:	S/4 - Unit Testing
Outbox:	S/4 - Peer Review

The 'Miscellaneous' section includes options for 'Source system for Transport Requests created in SAP' (checked), 'Virtual Target(Skip Import Queue)' (unchecked), and 'System offline(Bypass all Control Points)' (unchecked).

Figure: Control Point Label configuration within the Web Platform.

My Approvals W01									
Approvals (86)									
<input type="checkbox"/>	0009 Check Releasability	Production Support	Finance	Change Request		Ross McLanachan (RMCLANACHAN)	Analyse		
<input type="checkbox"/>	AC-00011 Project Alpha Core Build (Many Transports linked to BT)	Project Alpha	Finance	Project Requirement	Dev Enforcer Aged Transport	Jane Peters (W01_FIN_LEAD)	Analyse		
APO - Peer Review (Projects)									
<input type="checkbox"/>	AC-00453 New Cost Centre	Production Support	Finance	Change Request	Dev Enforcer Aged Transport	Mark Michaels (MMICHAELS)	Analyse		
<input type="checkbox"/>	AC-00667 New Work Schedule Rules (North Americas)	Production Support	HCM	Change Request		Jim Dugger (JDUGGER)	Analyse		
<input type="checkbox"/>	AC-00668 Billing Fixes	Production Support	Finance	Incident Fix		Jim Dugger (JDUGGER)	Analyse		
<input type="checkbox"/>	AC-00675 Payment Details - Updates	Production Support	Logistics	Change Request	Risk Aged Transport	Joey Stephens (JSTEPHENS)	Analyse		
<input type="checkbox"/>	AC-00011 Project Alpha Core Build (Many Transports linked to BT)	Project Alpha	Finance	Project Requirement	Dev Enforcer Aged Transport	Jane Peters (W01_FIN_LEAD)	Analyse		
<input type="checkbox"/>	AC-010004 Sales Reporting enhancements - Project Alpha	Project Alpha	Logistics	Project Requirement		Ross McLanachan (RMCLANACHAN)	Analyse		
<input type="checkbox"/>	AC-02121 Z_D01_Billing_Program	Project Alpha	Finance	Change Request		Ross McLanachan (RMCLANACHAN)	Analyse		
<input type="checkbox"/>	AC-00431 Pro-Forma Invoice changes	Project Bumblebee	Finance	Project Requirement		James Barter (JBARTER)	Analyse		
<input type="checkbox"/>	AC-09234 New Customising Entry	Project Delta	Logistics	Change Request		Ross McLanachan (RMCLANACHAN)	Analyse		
<input type="checkbox"/>	AC-00394 New Report Structure (APO)	Project Test	Logistics	Change Request		Ross McLanachan (RMCLANACHAN)	Analyse		
APO - UAT Review									
<input type="checkbox"/>	AC-00039 Billing Program - Changes EUR	Production Support	Finance	Change Request	Aged Transport	Jane Peters (W01_FIN_LEAD)	Analyse		
<input type="checkbox"/>	AC-00453 New Cost Centre	Production Support	Finance	Change Request	Dev Enforcer Aged Transport	Mark Michaels (MMICHAELS)	Analyse		
BW - Peer Review (Projects)									
<input type="checkbox"/>	AC-00004 Invoicing Optimisations (Enhancements, Fixes, Roles)	Production Support	Finance	Incident Fix	Dev Enforcer	Ross McLanachan (RMCLANACHAN)	Analyse		
<input type="checkbox"/>	AC-00014 Troubleshoot for ToC	Production Support	Basis	Change Request		Kalidass Solaimuthu (KSOLAIMUTHU)	Analyse		

Figure: Control Point Labels seen on the Approvals list screen.



The Target Tile has been delivered within ActiveControl 9.00 purely to facilitate Control Point Labelling, because Basis Technologies wanted to ensure that any configured Labels are factored into the screens where Labels would need to be seen. As such, Labels should be configured via the Web Platform [Targets] tile as part of ActiveControl 9.00, but the Windows GUI should continue to be used for all other configuration as part of this particular ActiveControl release.

13.3. System Messages

It has always been possible in ActiveControl for Administrators to present system messages to users in the WebUI, via backend table /BTI/TE_SYSMESS. This can be useful when there was a need for an ActiveControl Administrator or Basis Team to globally communicate important upcoming events that impact the usage of ActiveControl, such as system refreshes or upgrades.

Previously it wasn't possible to create more than 1 system message in /BTI/TE_SYSMESS because start/end dates were the key in the aforementioned table. ActiveControl Web Platform 9.00 enhances this table to facilitate multiple messages being configured for the same date range, on the back of customer feedback.

ActiveControl system messages are seen via the Alerts/Notifications option in the Web Platform. It is anticipated that this will be extended in future releases of the Web Platform (for example, to notify a user when a new Approval is required by them).

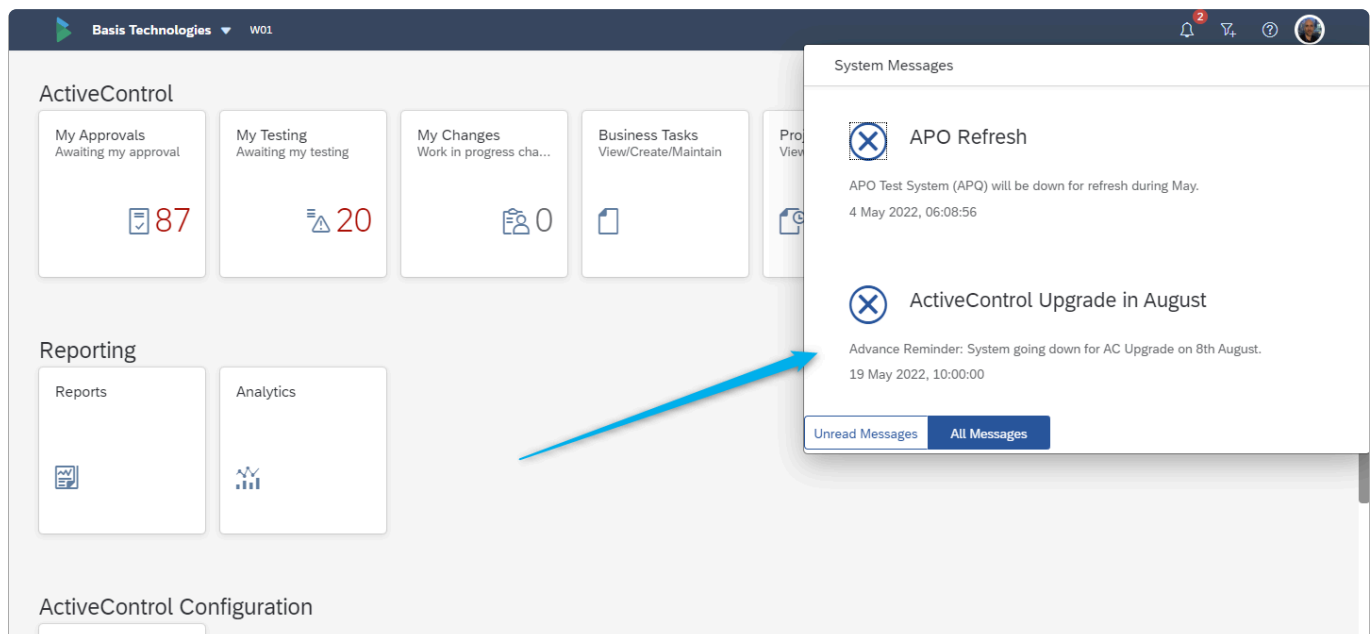


Figure: System Messages in the Web Platform.

13.4. System Maintenance

It is possible to disable access to ActiveControl by setting Maintenance Mode via program /BTI/TE_LICENSE_MANAGER in the ActiveControl Domain Controller.

This can be useful during upgrades or system maintenance where users should not be accessing ActiveControl Web Platform.

Whilst the Maintenance Mode Active is enabled, all users trying to log in to the ActiveControl Web Platform will see the following message / screen:

”ActiveControl is undergoing maintenance and is currently unavailable. Please contact your local ActiveControl Administrators for more information.”

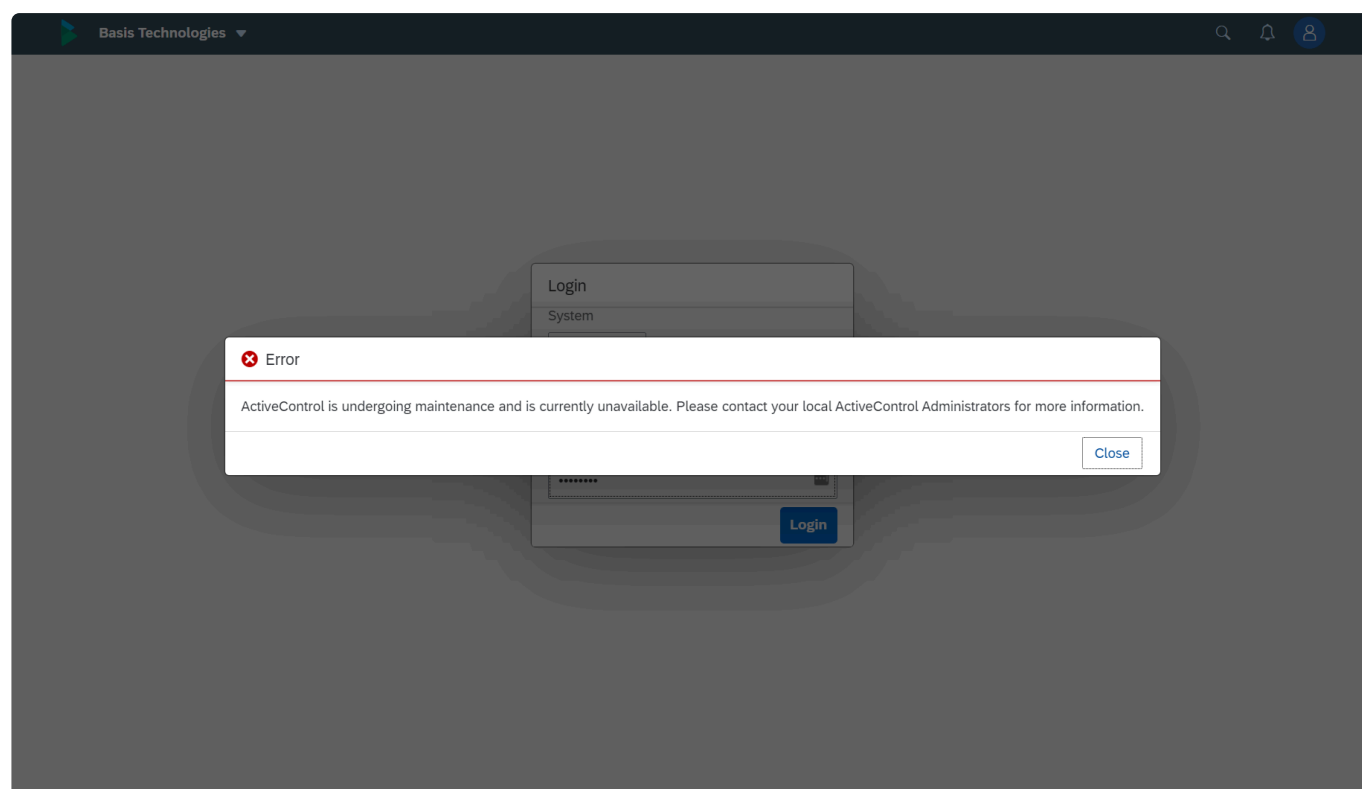


Figure: Maintenance Mode message in the Web Platform.

13.5. Raising Support Tickets to Basis Technologies

Administrators can raise Support Tickets to Basis Technologies via the [Support] tile in the Admin screen.

This has been added as part of ActiveControl Web Platform 9.00 to make it slightly easier for Administrators to access/raise tickets to Basis Technologies.

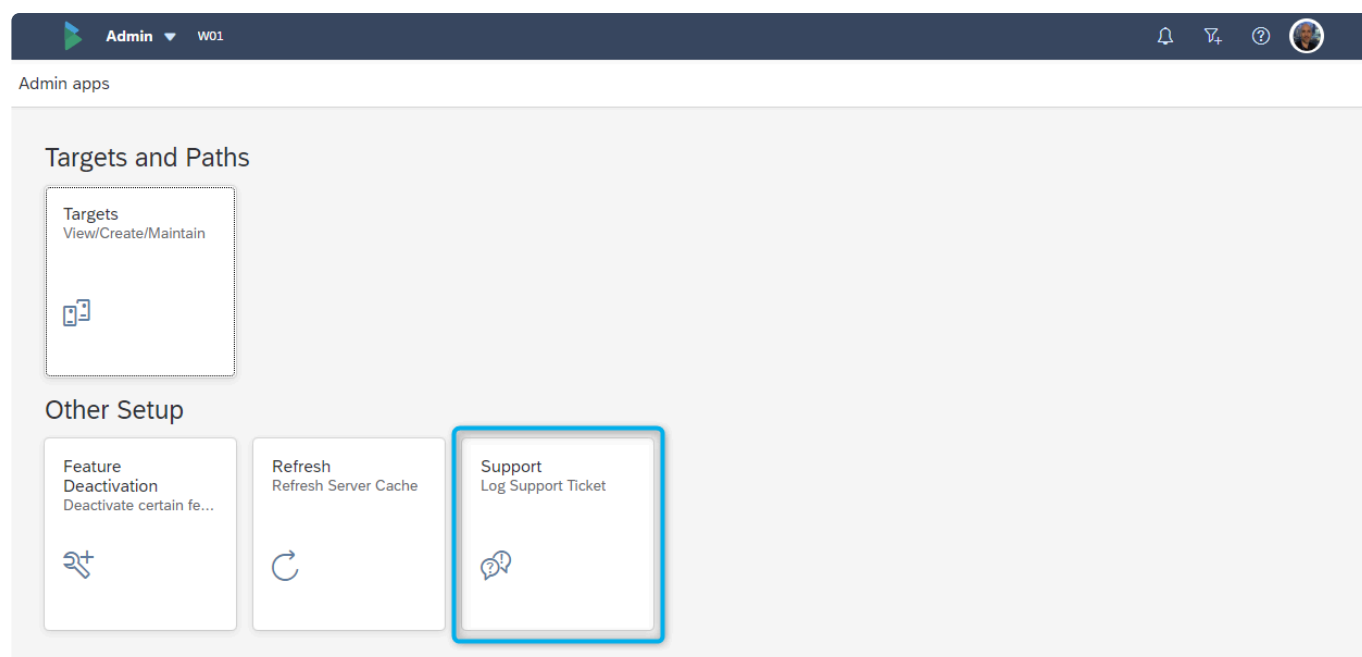


Figure: Support Tickets can be raised to Basis Technologies via the Web Platform.

14. Upgrading to ActiveControl Web Platform

Existing customers upgrading to ActiveControl Web Platform are strongly recommended to do this with consulting services support from Basis Technologies. This will help ensure a smooth transition to the Web Platform and also ensure appropriate support is available for any technical issues.

Some of the key considerations for an upgrade to the ActiveControl Web Platform 9.00 are detailed in this [online Knowledge Article](#).

Please get in contact with your Basis Technologies Account Manager or Customer Success Manager if you are interested in upgrading to the ActiveControl Web Platform.