



ECLIPSE 5.4

New Features and Improvements

5 Birtley Courtyard
Birtley Road, Bramley
Surrey GU5 0LA
United Kingdom
Phone: +44(0)1483 890 298
Web: www.sapienzaconsulting.com

This document may not be copied or disclosed in whole or in part to any organisation or person without written permission from Sapienza Consulting Ltd.

© Sapienza Consulting Ltd.

1 Introduction

We are happy to announce our new major release ECLIPSE 5.4. In this release we are excited to present a new, fresh, and modern layout as well as user friendly navigation between projects and modules.

Additional keyboard shortcuts were introduced across all ECLIPSE modules. Navigating through documents, records, RIDs, Action Items, and NCRs has been made easier with simple keystrokes.

oData feed API has been made available for DAB and DCCM providing the users with extended access to produce BI report and data analytics, understanding better the usage of ECLIPSE in their company and making better informed decisions.

DCCM has been enriched with a new text extraction feature where enabling autocomplete suggestions for document metadata at the document creation. eRID has been refreshed with the new Search Results screen enabling the filtering, column customisation and the modern basket. The practical feature already implemented in AIM and eNCTS Edit in Context has been extended to DCCM and eRID. This feature in eRID allows for quick entry of Contractor Responses and Panel Dispositions – easing the load during colocations.

We have fully upgraded the PCM module particularly by adding a WP approval workflow using PCM Actions and notifications. Approval requests are displayed in the Company Calendar for the manager's overview. Lastly, new PAM roles have been created for PCM to allow for the greater flexibility in the approval process.

Many improvements were applied across the modules, ready for you to discover and benefit from.

The intended audience is the wider user community with some experience in the previous ECLIPSE releases.

1.1 List of Abbreviations/Terms

Abbreviation/Term	Description
IE	Internet Explorer
MS	Microsoft
N/A	Not Applicable
XLS	Microsoft Excel Spreadsheet
NCR	Non-conformance review
NRB	Non-conformance review board
XML	Extensible mark-up language

Table of Contents

1	Introduction	2
1.1	List of Abbreviations/Terms	2
2	ECLIPSE wide changes	5
2.1.1	ECLIPSE New Features	5
2.1.2	Keyboard Shortcuts: Easier Navigation.....	8
2.2	ECLIPSE wide Improvements	9
2.2.1	Chatbot: Cursor Focus	9
3	AIM	11
3.1	AIM New Features	11
3.2	AIM Improvements	11
3.2.1	Character Counter	11
4	Database Application Builder (DAB)	12
4.1	DAB New features	12
4.1.1	Provide oDATA Feed	12
4.2	DAB Improvements	13
4.2.1	E-mail connector DAB: Create Documents and Records	13
5	DCCM	14
5.1	DCCM New features.....	14
5.1.1	Document: Create Document - Automatic Text Extraction.....	14
5.1.2	Document: Edit in context.....	15
5.1.3	DCCM: Provide oDATA Feed	16
5.2	DCCM Improvements	17
5.2.1	Text Area Fields: Word Wrapping	17
5.2.2	E-mail connector DCCM: Create Documents and Records.....	17
5.2.3	Edit document Basket: Relate multiple documents.....	18
5.2.4	Word Template: Column Headers	18
6	eRID	19
6.1	eRID New Features.....	19
6.1.1	New look of Search RIDs results screen	19
6.1.2	RIDs: Edit in context	21
6.2	eRID Improvements	23
6.2.1	Character Counter	23
7	INTEX	24
7.1	INTEX New Features.....	24
7.2	INTEX Improvements	24
7.2.1	Improved INTEX Table Options	24
7.2.2	Improved Sorting for Connectors Menu.....	24
8	PAM	25
8.1	PAM New Features	25
8.1.1	New PCM Privilege in PAM: Global Role: Timesheet: Approve Any WP Hours.....	25
8.2	PAM Improvements	25
8.2.1	PCM Privilege in PAM: Global Role: Timesheet: Edit All - extended	25
9	Project Management and Control (PCM)	26
9.1	PCM New Features	26
9.1.1	WP Request and Approval workflow	26
9.1.1	PCM Actions for WP Approval	27
9.1.2	Highlighted Approval Hours.....	27
9.2	PCM Improvements	28
9.2.1	New Icons: Browse and Search	28



9.2.2	Removing Related Items.....	28
10	List of modules not affected with this release.....	29

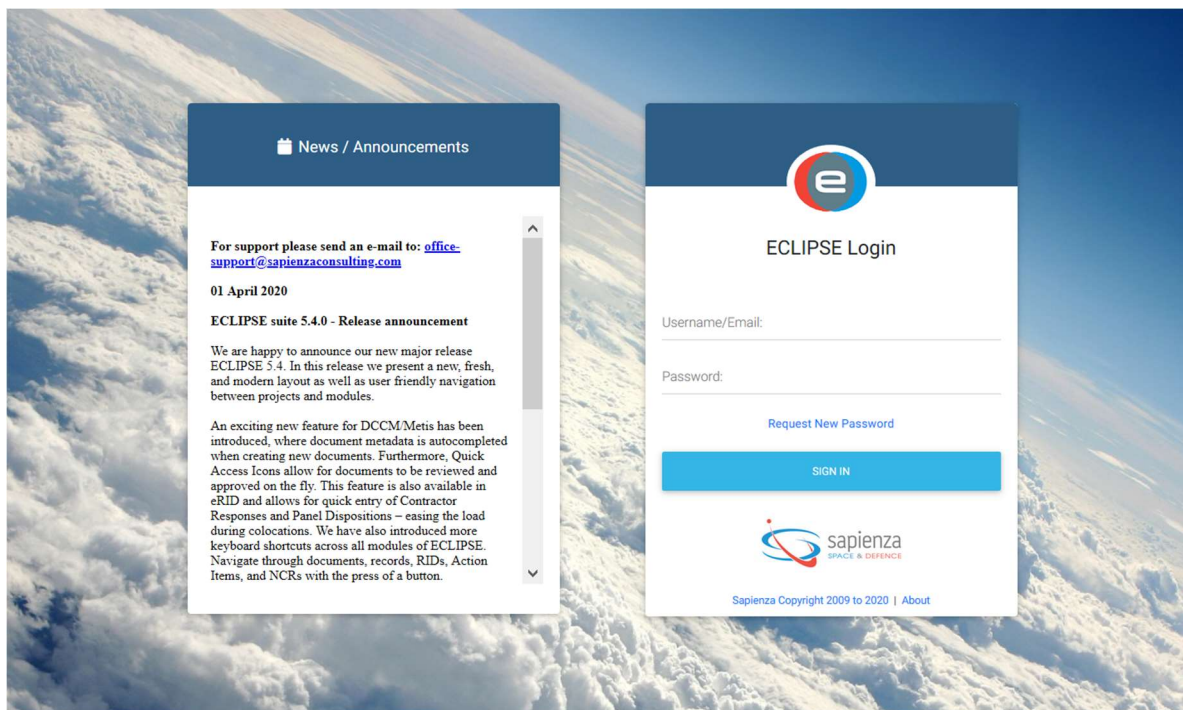
2 ECLIPSE wide changes

This section identifies new features and improvements introduced in the AIM module

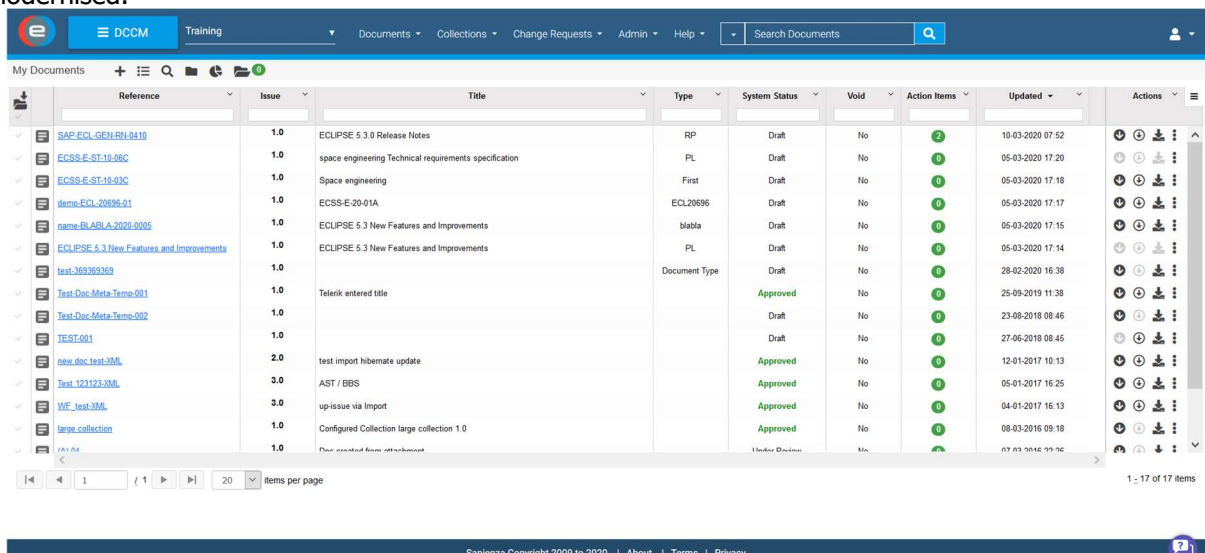
2.1.1 ECLIPSE New Features

2.1.1.1 New ECLIPSE User Interface

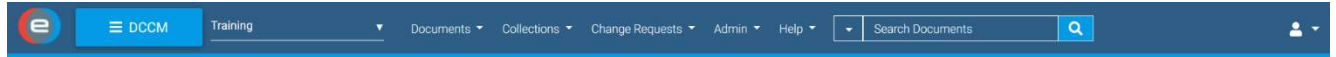
ECLIPSE has been updated with a fresh and modern user interface starting from the login screen and continuing throughout all modules. The exiting features stayed the same and only improved where applicable.



When logged in, the design of the header, footer and the icon toolbar outlook in each screen has been modernised.



The refreshed top banner with the familiar functionalities appears in every module.



The *Module* selection method has been improved upon. The familiar Module tabs are now grouped under a drop-down menu for the user to select the relevant module:



The *Project* drop down list has also been updated:



Clicking on the arrow (▼) to the right of the Project Title the user can change projects by selecting the arrow. The user also has the option to type the name of the relevant project for quick access:

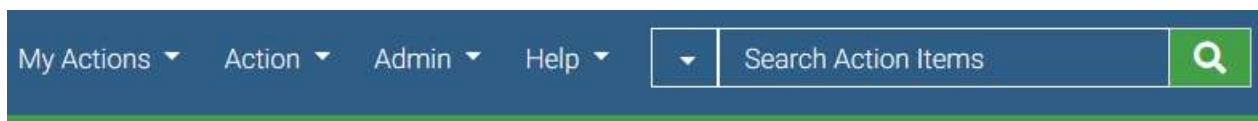
Tra

PCM training

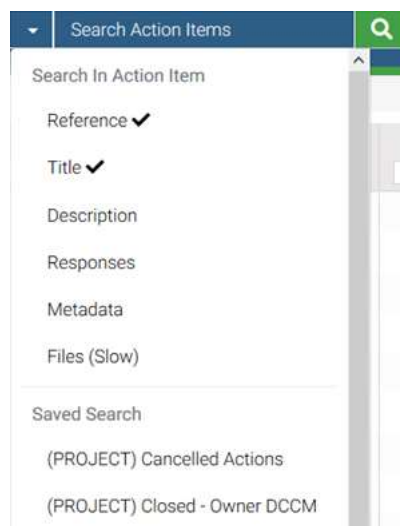
Time Tracking


Training

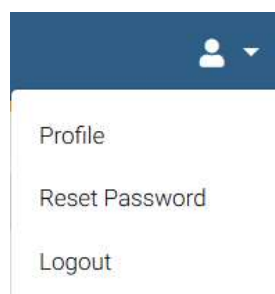
From within each module a modern look and feel has been implemented to the existing menu:



The simple search bar has also been upgraded with a fresh new look. Clicking on the arrow button opens up a list of further options:




The user's profile data can now be viewed using the *Profile* icon (). Clicking on this icon opens up a menu with the following options:

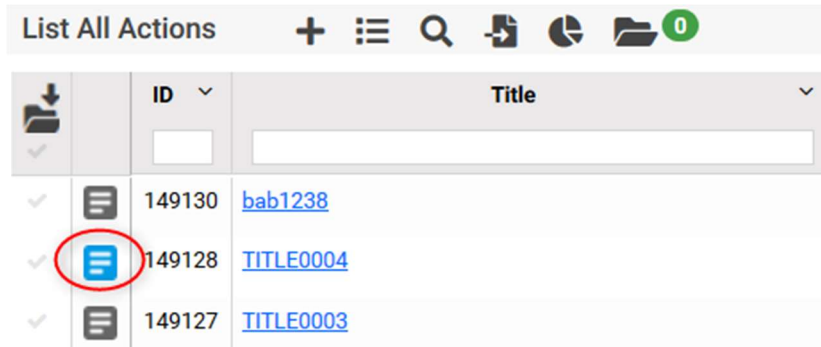


From with this menu the user can now view the information about their profile, reset their password, or logout of ECLIPSE.

2.1.2 Keyboard Shortcuts: Easier Navigation

It is now possible to use keyboard shortcuts to easily navigate between the listed entities on each module. This exciting new feature can be used within the *View Details* and *Edit <Entity> Details* screens of all the modules.

To access the *View Details* screen click on the *view details box* () to the most left of the List All or Search Results screens. An example of List All Actions in AIM is presented in the following figure.



ID	Title
149130	bab1238
149128	TITLE0004
149127	TITLE0003

This will slide in a window from the right-hand side of the screen, showing the *<Entity> Details*. On the following screenshot, an example of the *Action Items Details* is presented:



Action Item Details

Reference:
Title: TITLE0004
Status: **Open**

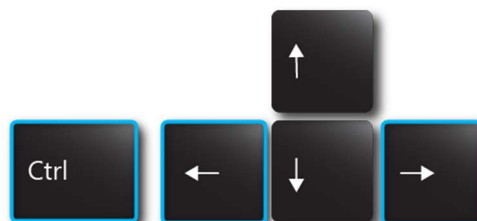
Details (Edit) (Notify Me) (Reminder)

Due Date:
Description:
% Compl.: 0
Owner: Rick Sanchez
Actionee: Rick Sanchez

Attachments: 0

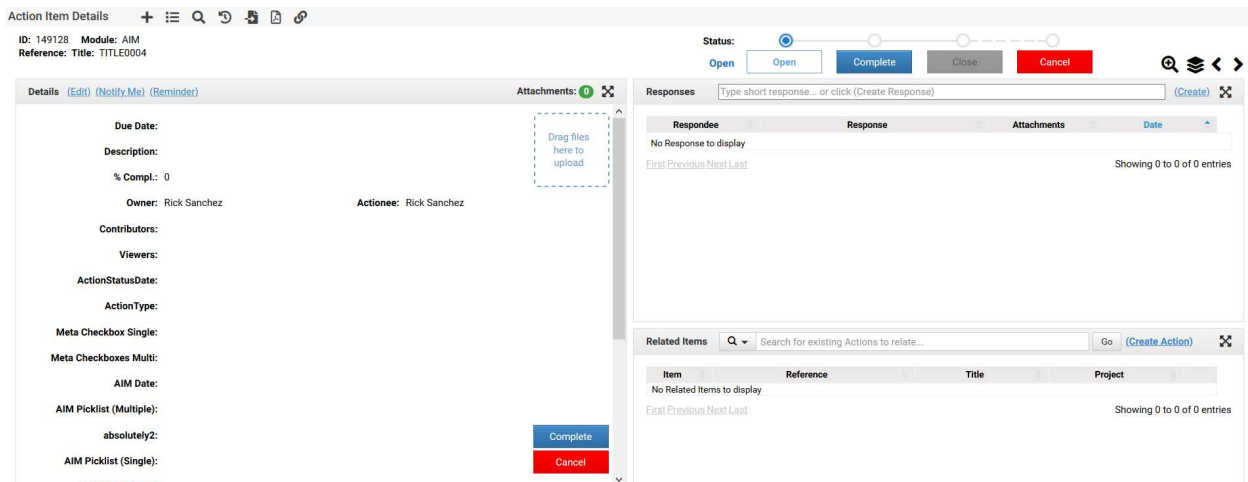
Drag files here to upload

The user can now use the newly implemented Keyboard Shortcuts to navigate back and forth between the *<Entities>*. For example, using the Control Key and one of the left or right arrow keys you can do the following:

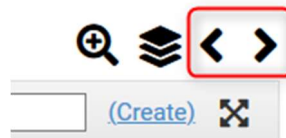


- Next *<Entity>*: **<CTRL>** + **<right arrow>**
- Previous *<Entity>*: **<CTRL>** + **<left arrow>**

These Keyboard Shortcuts can also be used within the *Edit <Entity>* Screen:



The user can easily navigate between Action Items using the newly implemented Keyboard Shortcuts, instead of using the built in left and right icons to navigate to the next or last Action Items.



2.2 ECLIPSE wide Improvements

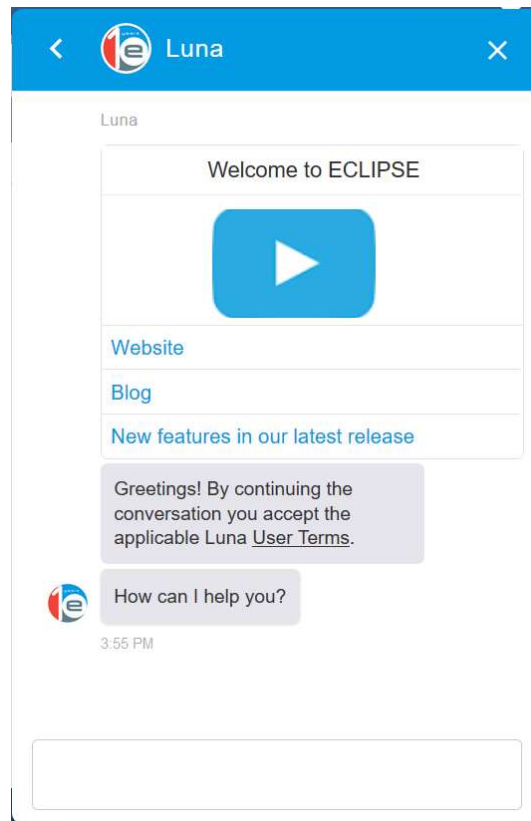
2.2.1 Chatbot: Cursor Focus

ECLIPSE Chatbot named Luna, has been made available since release 5.2. It contains answers to the most frequently asked questions, providing the information in a different way than the user guide. There are steps how to achieve certain results, then types of actions explained, what certain level of access enables, and short videos demonstrating how to create documents, actions, RIDs, RISKS, DAB Records, NCRS, etc, and how to process them through their specific workflows.

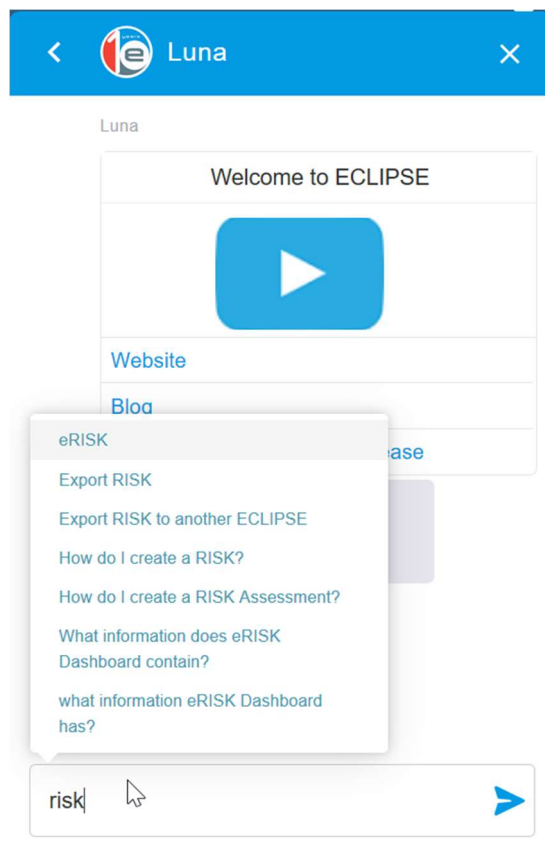


Clicking on the chatbot icon found in the bottom right corner of ECLIPSE will open the chatbot listing several useful links to:

- ECLIPSE video
- ECLIPSE website <https://www.eclipsesuite.com/>
- ECLIPSE New Features and Improvements in the latest release <https://www.eclipsesuite.com/eclipse-software-suite-release-5-3/>
- User Terms



In this release the focus of the cursor is placed in the chat box ready to type your questions. While typing selected existing questions matching the text already entered in the chat box will be listed.



3 AIM

This section identifies new features and improvements introduced in the AIM module

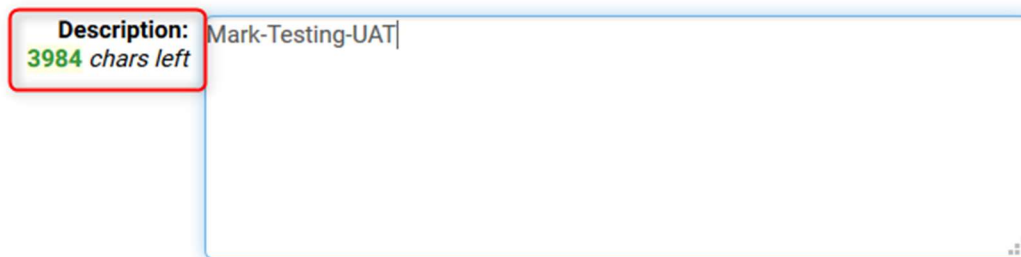
3.1 AIM New Features

No New Features have been introduced in this module for this release.

3.2 AIM Improvements

3.2.1 Character Counter

A modal character counter has now been added to the Edit Action, My Actions, List All Actions, and Search Results screens. The character counter updates as you type allowing you to easily see how many characters you have left.



4 Database Application Builder (DAB)

This section covers new features and improvements introduced in the DAB module.

4.1 DAB New features

4.1.1 Provide oDATA Feed

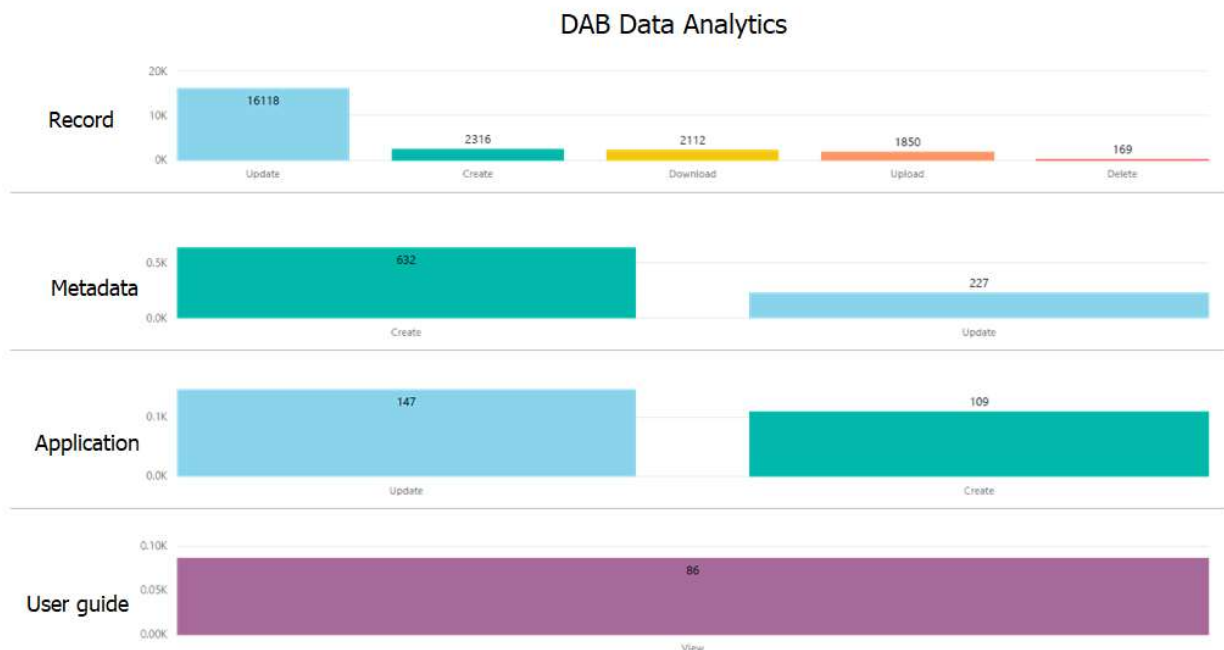
After implementing oData feed from AIM, eNCTS and eRID in the previous ECLIPSE release, the data from DAB applications can now be provided in oDATA format (core and custom metadata) to the user with DAB Application Administrator level of access.

oData feed enables ability to query the DAB Application metadata via API based on oData protocol (see <https://www.odata.org/>). These queries will be audited and recorded in the audit log.

Users of ECLIPSE will benefit from the availability of the new API for DAB allowing them to bring together ECLIPSE data sources using their Business Intelligence tool of choice. By connecting their BI tool to ECLIPSE data, they will be able to visually explore available data, create custom queries, views and reports. The data in ECLIPSE cannot be updated using this method. Using the oData API, the user can view only the data they have already access.

All this has been made possible, without requiring users to have deep knowledge of the ECLIPSE technical architecture, database design and application business rules. The new API allows secure access to ECLIPSE data and avoid the need for external tools to have direct access to the ECLIPSE database.

From the extracted data, graphs like the sample one on the screenshot can be prepared.



4.2 DAB Improvements

4.2.1 E-mail connector DAB: Create Documents and Records

The existing e-mail connector for DAB has been improved with several checks regarding the attachments. When an e-mail message with several attachments is sent to the dedicated e-mail address specified in the INTEX DAB connector, a document is created containing the body of the message as working file, and the rest of the e-mail attachments as document attachments. The checks and certain outcomes were defined in the following cases:

- There are several attachments with the same names - a sequential number is added to the duplicates as suffix, keeping the first attachment filename unchanged
- The attachment filename contains unsupported characters - they are replaced with "-" or "_"
- The attachment is empty file - a record won't be created in DAB, and the sender will be notified about this outcome

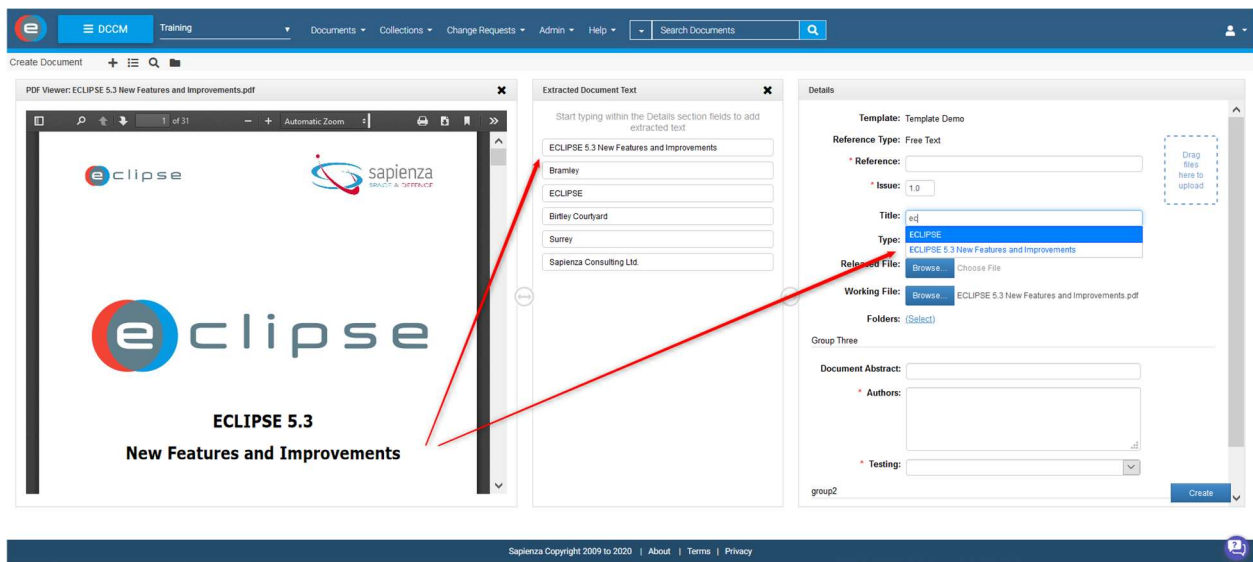
5 DCCM

This section identifies new features and improvements introduced in the DCCM module.

5.1 DCCM New features

5.1.1 Document: Create Document - Automatic Text Extraction

Registering a new document in DCCM has been made faster with the new text extraction feature. Using the *Create Document* screen the user now has the option to make use of an automatic text extraction to auto-complete the relevant document metadata (only possible for all PDF files under the size of 50mb). The extracted text is displayed in the pane on the left, and the same text is available in the right pane as autofill suggestions when typing in one of the metadata fields:




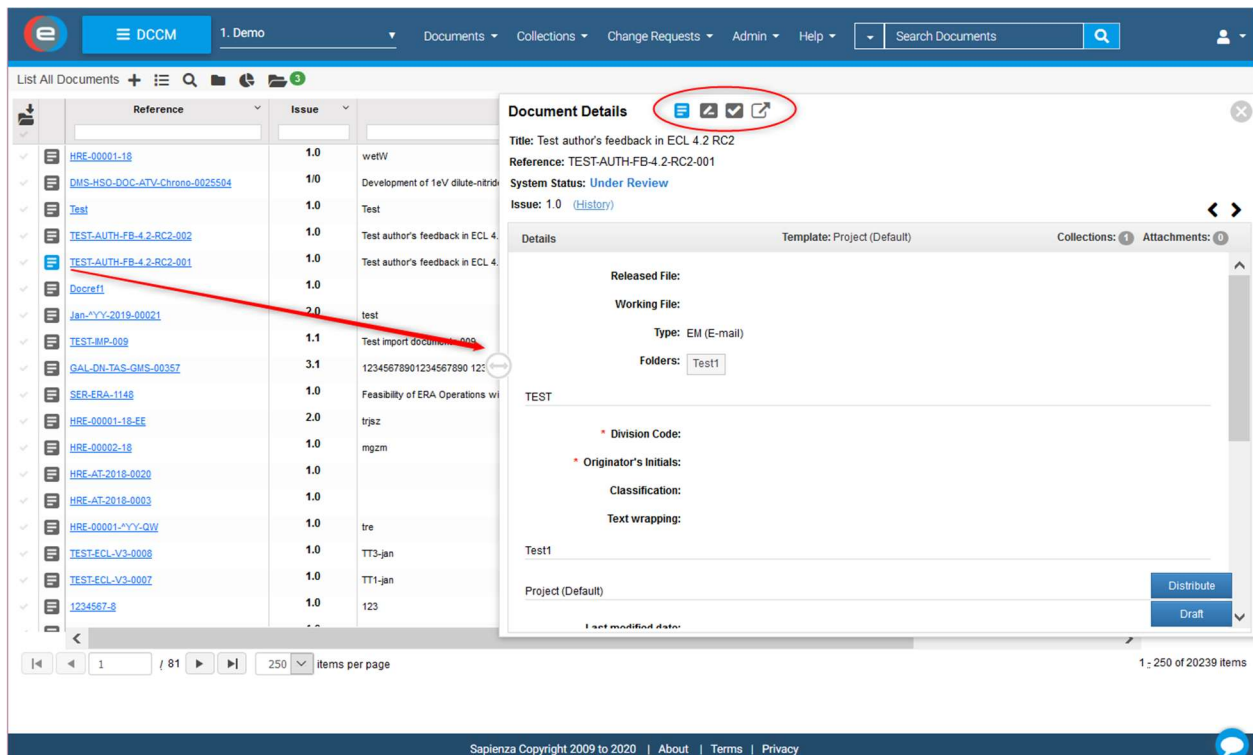
The PDF viewer on the left displays the document being uploaded providing possibility to scroll through the document and select portions of the text contained in the document, for copying and pasting into the metadata fields at the creation of the document entry in DCCM.

This feature accelerates the registration of the documents into DCCM with the correct metadata content saving time and ensuring higher accuracy of the registered information.





5.1.2 Document: Edit in context

This very practical feature already available in AIM and eNCTS has been expanded to DCCM. Edit in context provides quick access to the document Details, Review and Approval sections without opening the document, from where all the functionalities can be done as in the expanded Edit Document screen.



Clicking on the *View Details* icon () available in *List All Documents*, *My Documents* and *Search Results* screens, will slide out the quick *Document Details* screen from right.



The new icons (circled in red in the screen above) do the following:

-  - Document Details section
-  - Document Review section
-  - Document Approval section
-  - Full Screen - opens the usual Edit Document screen

When clicked, the icon colour changes from grey to blue to mark which section is being edited.

By default, the Document Details section is displayed for viewing. From here the metadata can be edited, files can be uploaded, document can be distributed or directly approved. Further clicking on the Review icon  a new review can be initiated or an existing review finalised. In a similar fashion, clicking on the Approve icon  a new approval cycle can be initiated or an existing one finalised.

This new feature is a true timesaver when reviewing or approving many documents as it provides convenient quick access to the needed information enabling the required quality check.

5.1.3 DCCM: Provide oDATA Feed

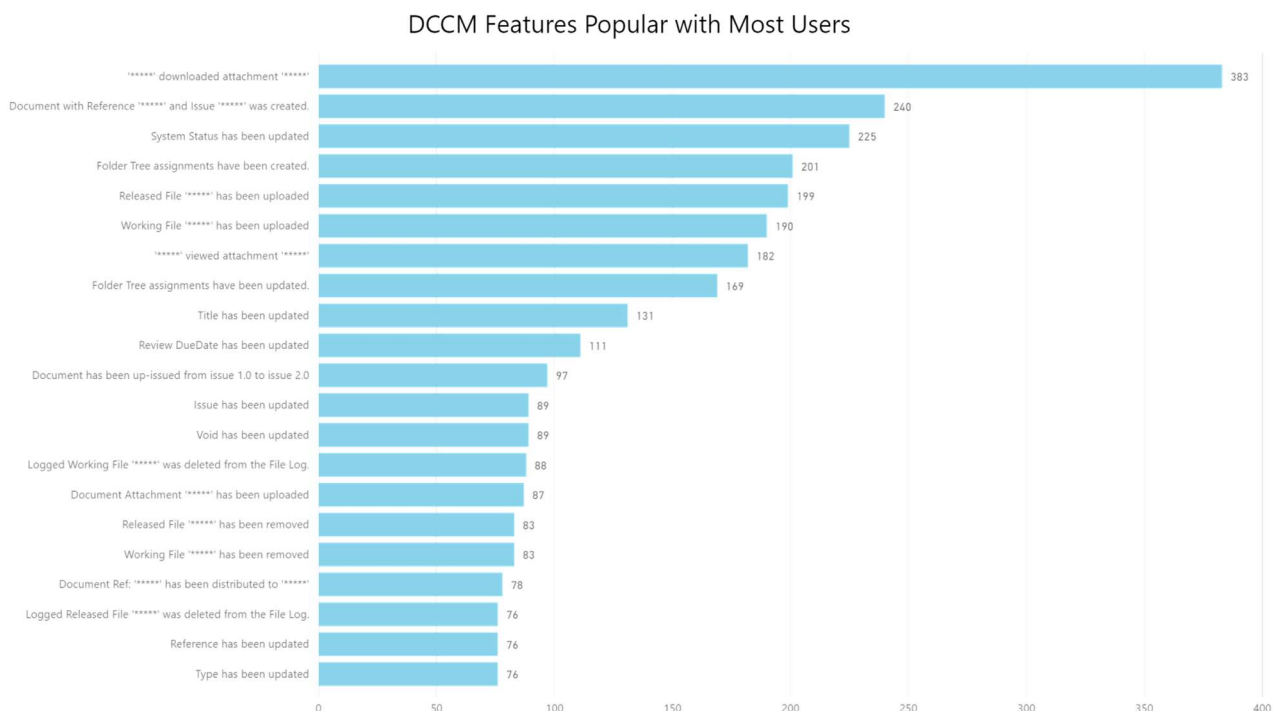
After implementing oData feed from AIM, eNCTS and eRID in the previous ECLIPSE release, DCCM document data can now be provided in oDATA format (core and custom metadata) to any authorised user (Project Administrator and Enterprise Administrator roles).

oData feed enables ability to query the DCCM metadata via API based on oData protocol (see <https://www.odata.org/>). These queries will be audited and recorded in the audit log.

Users of ECLIPSE will benefit from the availability of the new API for DCCM allowing them to bring together ECLIPSE data sources using their Business Intelligence tool of choice. By connecting their BI tool to ECLIPSE data, they will be able to visually explore available data, create custom queries, views and reports. The data in ECLIPSE cannot be updated using this method. Using the oData API, the user can view only the data they have already access.

All this has been made possible, without requiring users to have deep knowledge of the ECLIPSE technical architecture, database design and application business rules. The new API allows secure access to ECLIPSE data and avoid the need for external tools to have direct access to the ECLIPSE database.

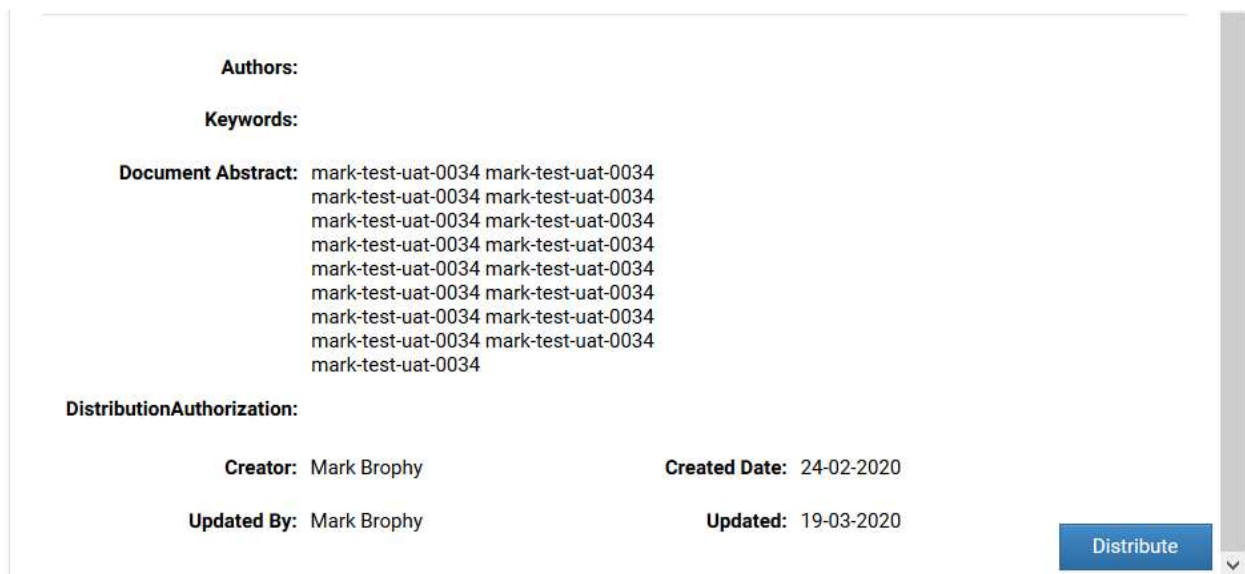
From the extracted data, graphs like the sample one on the screenshot can be prepared.



5.2 DCCM Improvements

5.2.1 Text Area Fields: Word Wrapping

Any free text field in the DCCM will now wrap the text keeping its format, so that it appears in the field in a uniform manner, and not a long stream of text:



The screenshot shows a web form with the following fields and values:

- Authors:** (empty)
- Keywords:** (empty)
- Document Abstract:** mark-test-uat-0034 mark-test-uat-0034
mark-test-uat-0034 mark-test-uat-0034
mark-test-uat-0034 mark-test-uat-0034
mark-test-uat-0034 mark-test-uat-0034
mark-test-uat-0034 mark-test-uat-0034
mark-test-uat-0034 mark-test-uat-0034
mark-test-uat-0034 mark-test-uat-0034
mark-test-uat-0034
- DistributionAuthorization:** (empty)
- Creator:** Mark Brophy
- Created Date:** 24-02-2020
- Updated By:** Mark Brophy
- Updated:** 19-03-2020
- Distribute** button

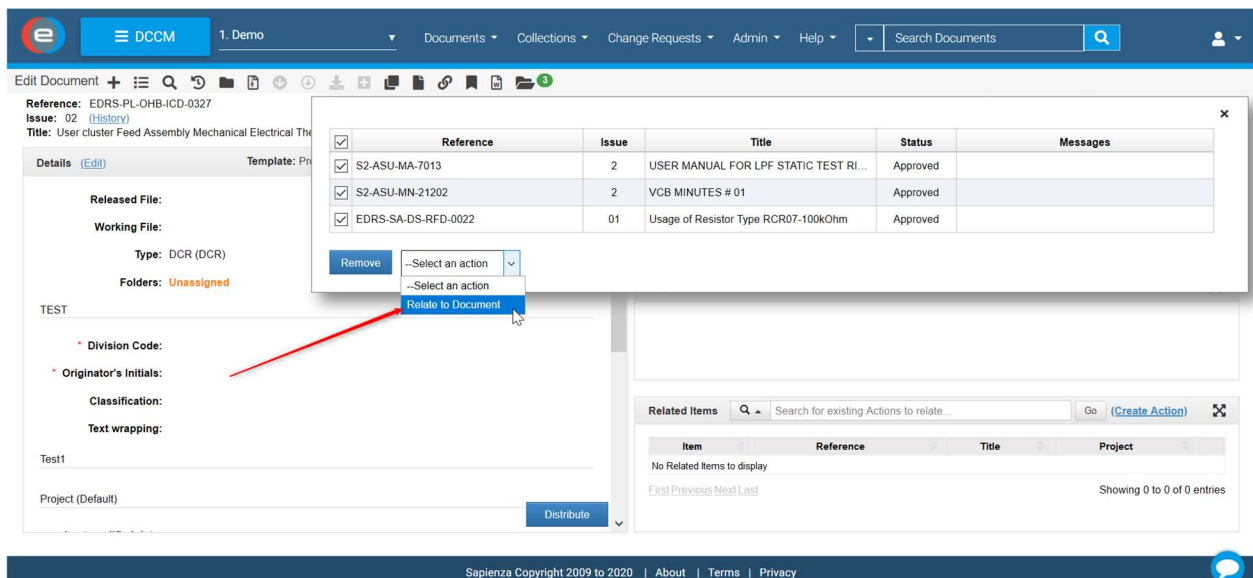
5.2.2 E-mail connector DCCM: Create Documents and Records

The existing e-mail connector for DCCM has been improved with several checks of the incoming attachments. When an e-mail message with several attachments is sent to the dedicated e-mail address as specified in the INTEX DCCM connector, a document is created in DCCM containing the body of the message as working file, and the rest of the e-mail attachments as document attachments. The checks and certain outcomes were defined in the following cases:

- There are several attachments with the same names - a sequential number is added to the duplicates as suffix, keeping the first attachment filename unchanged
- The attachment filename contains unsupported characters - they are replaced with "-" or "_"
- The attachment is empty file - a document won't be created in DCCM, and the sender will be notified about this outcome

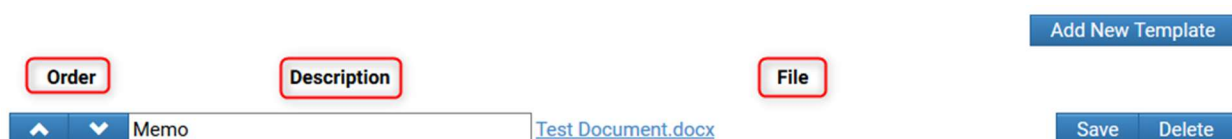
5.2.3 Edit document Basket: Relate multiple documents

The existing functionality available in the Edit Document screen, to relate multiple documents to a single document at once using the basket, was renamed from "Add Document" to "Relate to Document" which describes better what it does.



5.2.4 Word Template: Column Headers

Previously, the DCCM Word Template screen had no column headers that showed the user the purpose of the text field to be filled in in order to create the add the word template. This has now been corrected and headers are now visible to those users with Administrator privileges (DCCM > Admin > Word Templates).



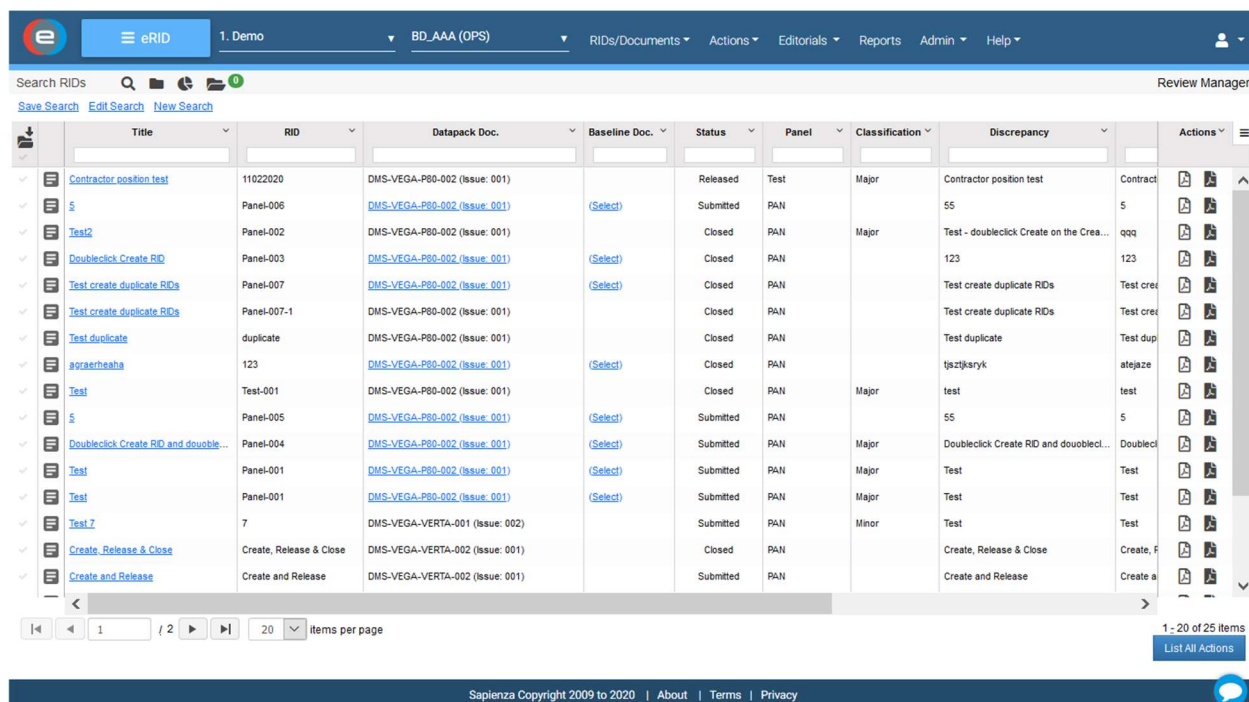
6 eRID

This section identifies new features and improvements introduced in the eRID module.

6.1 eRID New Features

6.1.1 New look of Search RIDs results screen

The Search RIDs results screen has been refreshed with the new look and feel design already implemented in the rest of the ECLIPSE modules, enabling new features like reordering the columns in the view, filter by column, and Edit in context feature, which are explained later in this document. The Dashboard and Basket icons have been also changed to align them with the other modules in ECLIPSE which will simplify the use of multiple modules at the same time.



Title	RID	Datapack Doc.	Baseline Doc.	Status	Panel	Classification	Discrepancy	Actions
Contractor position test	11022020	DMS-VEGA-P80-002 (Issue: 001)		Released	Test	Major	Contractor position test	[Icons]
5	Panel-006	DMS-VEGA-P80-002 (Issue: 001)	(Select)	Submitted	PAN		55	[Icons]
Test2	Panel-002	DMS-VEGA-P80-002 (Issue: 001)		Closed	PAN	Major	Test - doubleclick Create on the Crea...	[Icons]
Doubleclick Create RID	Panel-003	DMS-VEGA-P80-002 (Issue: 001)	(Select)	Closed	PAN		123	[Icons]
Test create duplicate RIDs	Panel-007	DMS-VEGA-P80-002 (Issue: 001)	(Select)	Closed	PAN		Test create duplicate RIDs	[Icons]
Test create duplicate RIDs	Panel-007-1	DMS-VEGA-P80-002 (Issue: 001)		Closed	PAN		Test create duplicate RIDs	[Icons]
Test duplicate	duplicate	DMS-VEGA-P80-002 (Issue: 001)		Closed	PAN		Test duplicate	[Icons]
agrarheaha	123	DMS-VEGA-P80-002 (Issue: 001)	(Select)	Closed	PAN		tstztkaryk	[Icons]
Test	Test-001	DMS-VEGA-P80-002 (Issue: 001)		Closed	PAN	Major	test	[Icons]
5	Panel-005	DMS-VEGA-P80-002 (Issue: 001)	(Select)	Submitted	PAN		55	[Icons]
Doubleclick Create RID and double...	Panel-004	DMS-VEGA-P80-002 (Issue: 001)	(Select)	Submitted	PAN	Major	Doubleclick Create RID and doublecl...	[Icons]
Test	Panel-001	DMS-VEGA-P80-002 (Issue: 001)	(Select)	Submitted	PAN	Major	Test	[Icons]
Test	Panel-001	DMS-VEGA-P80-002 (Issue: 001)	(Select)	Submitted	PAN	Major	Test	[Icons]
Test 7	7	DMS-VEGA-VERTA-001 (Issue: 002)		Submitted	PAN	Minor	Test	[Icons]
Create, Release & Close	Create, Release & Close	DMS-VEGA-VERTA-002 (Issue: 001)		Closed	PAN		Create, Release & Close	[Icons]
Create and Release	Create and Release	DMS-VEGA-VERTA-002 (Issue: 001)		Submitted	PAN		Create and Release	[Icons]

The header row of the table provides more functionalities as follows:



Add to basket - Clicking on the check sign on and off adds and removes the listed RIDs to the basket. Columns can be reordered. Click on the column name, hold down and drag the column left or right to the position desired.

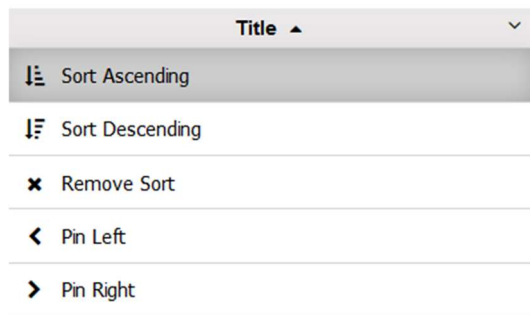


View Details Icon - reveals the Edit in Context screen sliding from right, enabling faster access to the described in the next subchapter.

Column width can be changed by clicking on the border between two columns, holding and dragging it to the left or right. The pointer of the mouse will change its appearance to indicate when it is ready to resize the column width:

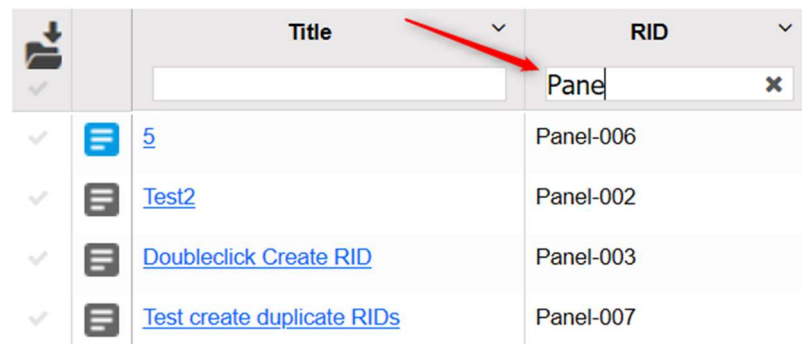


A column can be sorted by clicking on the column name. Each click sorts the column in the opposite direction. Clicking on the arrow next to the column label rolls down the following menu with additional options:



- Sort Ascending
- Sort Descending
- Remove Sort
- Pin left - moves the column to the far left and pins it, so when scrolling to the right it is still visible
- Pin right

Filtering results - To narrow down the search results use filtering for the wished column. RIDs can be filtered from the list on a page in Search RID results, by typing text in the filter box under the column label. Multiple columns can be filtered at once.




To navigate through the pages of the results, click on the left and right arrows on the navigation bar at the bottom of the screen:

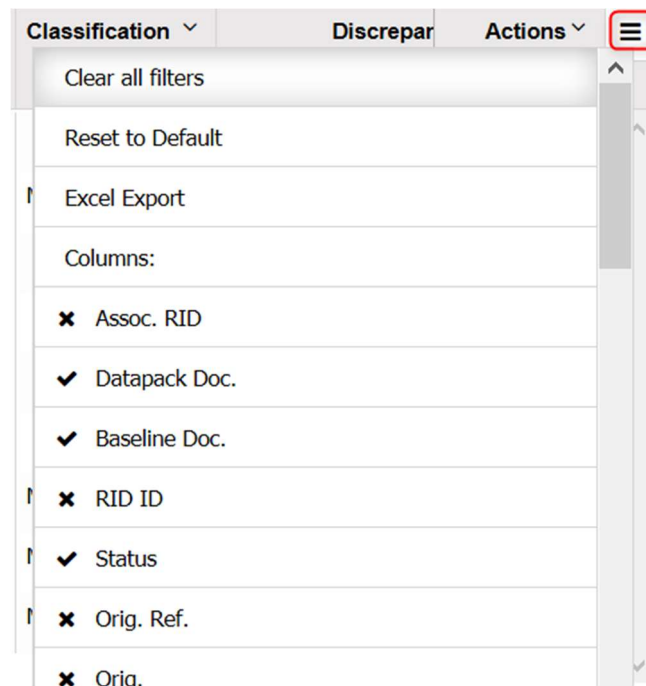


To increase the number of rows shown on screen, click on the 'items per page' picklist in the navigation menu at the bottom of the screen:



In the top right corner of the Search RIDs results screen is the Options menu. Clicking on the Options icon  reveals the following list of options:

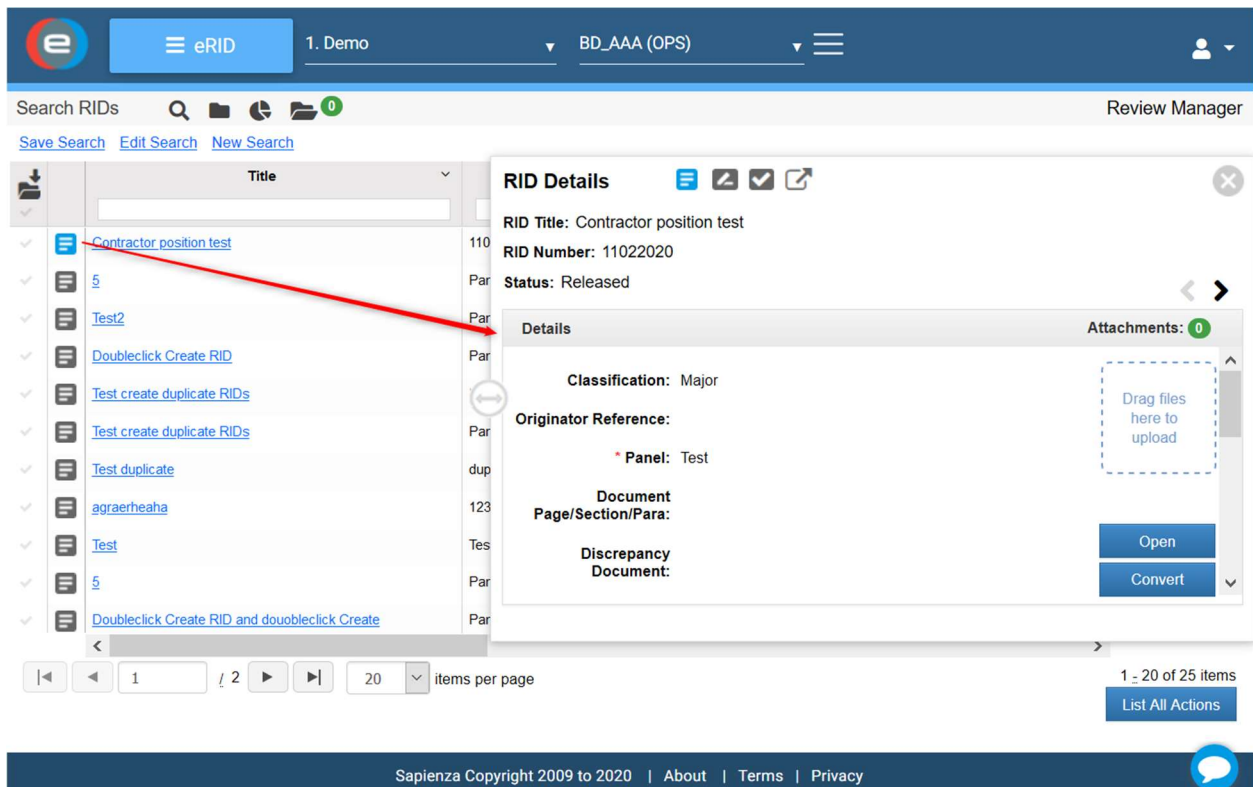
- Clear all filters - removes the filtering from the columns
- Reset to default - puts all the view settings back to the default: removes the filtering, unpins the columns and put them in the default order, applies the default list of visible columns and number of rows displayed is set to 20.
- Excel Export - exports the content of the results into an Excel spreadsheet. It exports all rows returned in the results, disregarding the filtering. Only the visible columns are exported.
- Columns:
 - select the columns you want to be visible on the result list by clicking on the column name, or
 - click the check icon to hide the column from the list of results.







6.1.2 RIDs: Edit in context

Edit in context feature can be instrumental in eRID Reviews when going through the RIDs. That is why it has been also implemented in eRID *Search RIDs* results screen. Edit in context provides quick access to the RID Details, Contractor position and Disposition sections without opening the RID, from where all the functionalities can be done as in the expanded Edit RID screen.



In *Search RIDs* results screen clicking on the *View Details* icon () will slide out the quick *RID Details* screen from right.




The new icons (circled in red in the screen above) do the following:

-  - RID Details section
-  - Contractor section
-  - Disposition section
-  - Full Screen - opens the standard Edit RID screen

When clicked, the icon colour changes from grey to blue to mark which section is being edited.

By default, the RID Details section is displayed for viewing. From here the metadata can be edited, files can be uploaded, RID can be re-opened or converted into Editorial. Clicking on the Contractor icon  Contractor's responsible and position can be viewed and edited. Further from here the RID can be submitted. Clicking on the Disposition icon  the Disposition details can be viewed and the RID can be finalised.

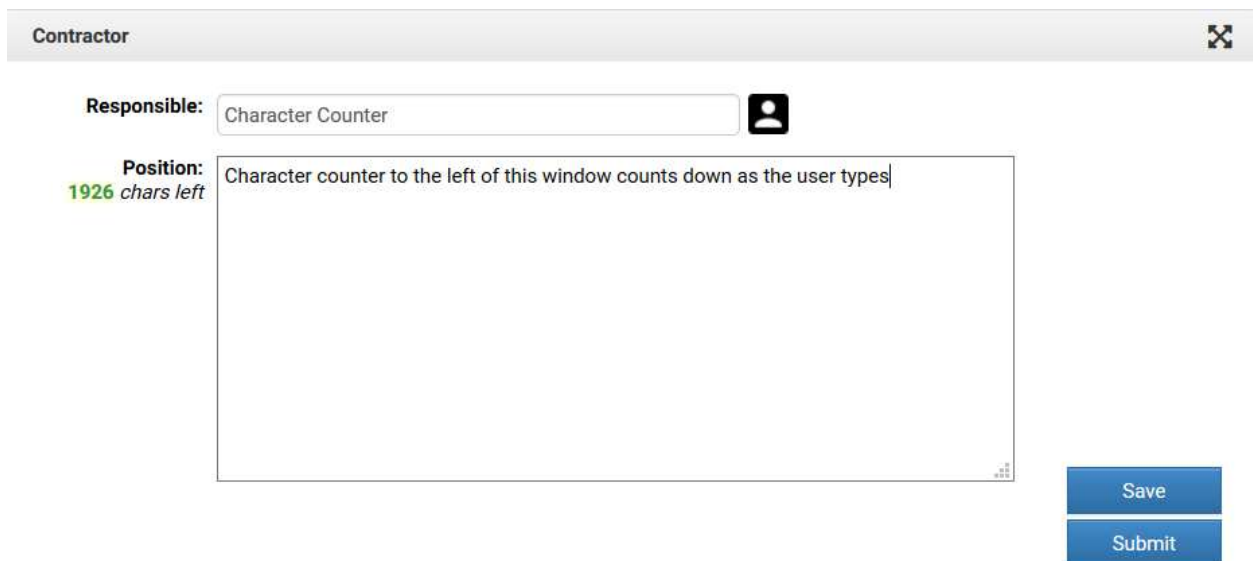
Using the navigation arrows  one can easily go through many RIDs in the review and process them to the next stage.

This new feature is a true timesaver when reviewing and updating many RIDs in a Review as it provides convenient quick access to the needed information.

6.2 eRID Improvements

6.2.1 Character Counter

We understand that Contractor's usually respond to RIDs by copying and pasting their responses directly into the Contractor's Position window. However, due to the 2000 character limit for contractor responses we have now implemented a character counter to ensure that responses are correctly recorded. This feature also conforms to what is currently available in the Disposition field:



The screenshot shows a web interface for a Contractor's Position window. At the top, there is a header bar labeled "Contractor" with a close button (X) on the right. Below the header, there is a "Responsible:" label followed by a text input field containing "Character Counter" and a user icon button. Below this, there is a "Position:" label followed by a large text area. To the left of the text area, there is a green text label "1926 chars left". Inside the text area, there is a line of text: "Character counter to the left of this window counts down as the user types". At the bottom right of the text area, there is a small icon. To the right of the text area, there are two blue buttons: "Save" and "Submit".

7 INTEX

This section identifies new features and improvements introduced in the INTEX module.

7.1 INTEX New Features

No new features have been introduced in this module for this release.

7.2 INTEX Improvements

7.2.1 Improved INTEX Table Options

Currently the INTEX user can change and customize the Connectors UI Grid table, add columns, hide columns, swipe columns etc. We have now introduced two improvements that allow the user to now reset the table to default or to clear all current filters:

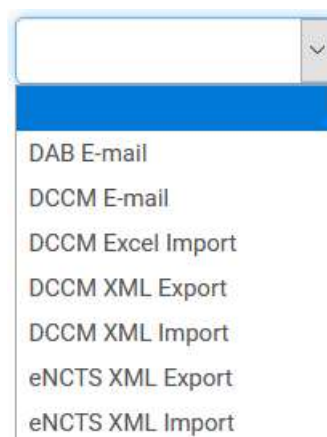
Connectors

Type	Name	Host Name	Port Number	Remote Folder	Email Address	Interval (hrs)	Document Temp...	DAB Application	Status	Retention (days)	Latest Execution	Created Date	Updated Date
eNCTS XML Expo...	export on dev ser...	eclddev.sapienzac...	22	/data/eclipse/eN...					Success		19-03-2020 10:38...	14-10-2019	
eNCTS XML Imp...	JDImportTestaaa	eclddev.sapienzac...	22	/data/eclipse/int...		1			Success	Never Delete	19-03-2020 10:12...	04-06-2019	
eNCTS XML Imp...	K XML Import TEst	eclddev.sapienzac...	22	/data/eclipse/tmp		24			Success	Never Delete	19-03-2020 10:12...	26-01-2019	
eNCTS XML Imp...	eNCTS import (U...	eclddev.sapienzac...	22	/data/eclipse/eN...		24			Success	0	19-03-2020 10:11...	20-03-2019	
DCCM XML Import	ba	eclddev.sapienzac...	22	/data/eclipse/pr...		24			Success	Never Delete	19-03-2020 10:11...	18-01-2019	
DCCM XML Import	Test Sapienza SF...	sftp.sapienzacon...	22	/DCCM/Testing/t...		24			Success	Never Delete	19-03-2020 10:11...	02-07-2019	
DCCM XML Import	DCCM XML Impo...	eclddev.sapienzac...	22	/data/eclipse/tmp		1			Success	Never Delete	19-03-2020 10:11...	09-08-2019	
DCCM Excel Imp...	Martin Test	sftp.sapienzacon...	22	/DCCM/Testing/t...					Success	Never Delete	03-03-2020 16:34...	03-03-2020	

Clear all filters
Reset to Default
CSV Export (All)
CSV Export (Visible)
Columns:
Host Name
Port Number
Remote Folder

7.2.2 Improved Sorting for Connectors Menu

The INTEX Connector Type menu has now been alphabetised:



8 PAM

8.1 PAM New Features

8.1.1 New PCM Privilege in PAM: Global Role: Timesheet: Approve Any WP Hours

The *Global Project Role* for PCM has been updated with a new privilege. The *Approve Any WP Hours* role allows a user with this privilege to approve any WP hours requested by another user. This allows for more flexibility in the approval process, particularly when an Approver is not available to approve a WP hours request.

8.2 PAM Improvements

8.2.1 PCM Privilege in PAM: Global Role: Timesheet: Edit All - extended

The existing PCM Global Role privilege Edit All (Timesheets) has been extended to be able to send a request for approval on behalf of an absent user or to approve a WP when delegated by the WP Approver.

9 Project Management and Control (PCM)

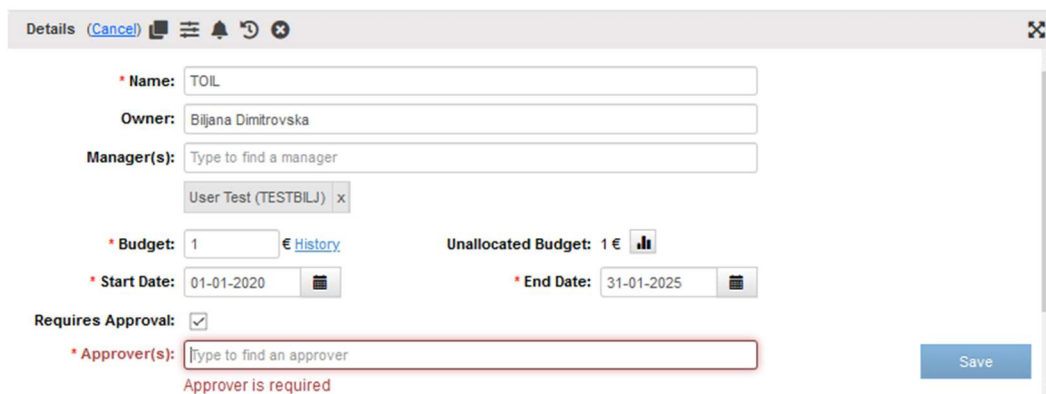
This section identifies new features and improvements introduced in the PCM module.

9.1 PCM New Features

9.1.1 WP Request and Approval workflow

Work Package managers can now approve requested hours for a given WP within PCM, using the Work Package request and approval feature.

WP should be first marked if approval is required for spending hours. This is done by the WP Manager or Owner by ticking the checkbox Requires Approval and providing the name of the Approver in the Approver(s) field.

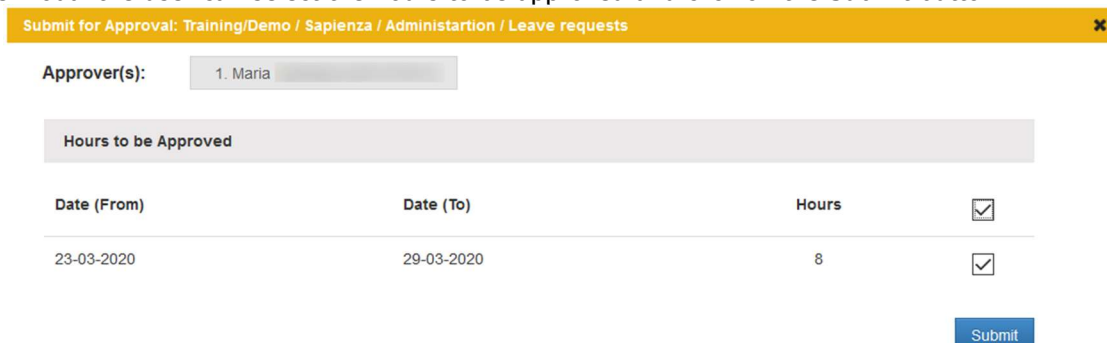


When assigning hours against this WP, the WP Manager is required to add an Approver for each assignment.

In the Timesheet, the user who needs approval for the hours spent against a certain WP, can enter the hours worked and click on the link which will appear on the right.

Tuesday 24-03-2020	Wednesday 25-03-2020	Thursday 26-03-2020	Friday 27-03-2020	Spent Hours	Req
8				8.0 (8.0)	
	8			8.0 (8.0)	Submit for Approval
				0.0	

In the modal the user can select the hours to be approved and click on the Submit button.



The box with hours submitted for approval will turn blue.

	Monday 23-03-2020	Tuesday 24-03-2020	Wednesday 25-03-2020
1. Demo / Level 1 / Administration	<input type="text"/>	8	<input type="text"/>
1. Demo / Level 1 / Administration / TOIL	<input type="text"/>	8	<input type="text"/>

Work Package manager will receive a notification e-mail containing the amount of hours requested and the period for which these hours have been requested for, along with a link to ECLIPSE PCM where they can approve the hours spent. Once approved, the hours on the requestor's timesheet will turn white.

9.1.1 PCM Actions for WP Approval

When requesting hours for approval, automatic PCM action is created in AIM. The action itself resembles to the Document Approval actions from DCCM.

ID	Title	Reference	Description	Module	Owner	Owner Org.
25092	Approval of Hours: Biljana Dimitrovska (Project 1. Demo...		Please approve my hours for the WP...	PCM		Sapienza Consulting Ltd - 1
25009	Revision of Document: SUE-GAL-RPT-GSA-GSMC-22486...			DCCM	Biljana Dimitrovska	Sapienza Consulting Ltd - 1
24887	Review of Document: SUE-GAL-RPT-GSA-GSMC-224863...			DCCM	Biljana Dimitrovska	Sapienza Consulting Ltd - 1

9.1.2 Highlighted Approval Hours

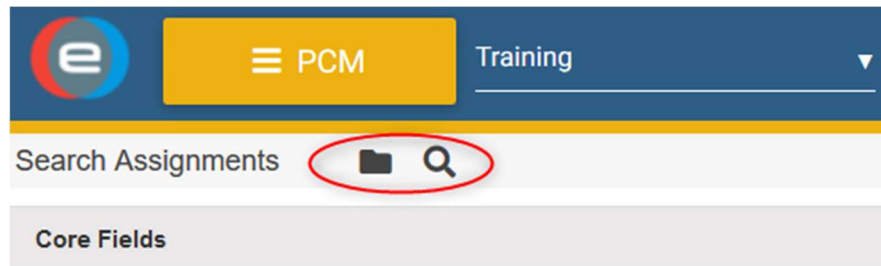
Provided the Work Package is added to the Company Calendar, the requested hours once approved will appear in blue font in the Company Calendar.

11.22 hrs (3 Assignees) 8.00 hrs: Dimitrovska, Biljana 2.22 hrs: Ulyashyna, Maria 1.00 hrs: Van Doorn, Anna Maria	25	1.23 hrs (1 Assignees) 1.23 hrs: Van Doorn, Anna Maria	26
---	----	--	----

9.2 PCM Improvements

9.2.1 New Icons: Browse and Search

Icons have now been added to PCM that allows you to easily access the *Browse* or *Search* functions.



9.2.2 Removing Related Items

It is now possible to remove a WP that has been related to a document in the DCCM.

10 List of modules not affected with this release

In this release besides the features and improvements described in ECLIPSE wide chapter, no module specific new feature nor improvement were introduced for the following modules:

- DASH
- EEE
- eNCTS
- eRISK
- ICMDB
- JAIL
- MyECLIPSE