



Product Release Notes 22.1

Clive Jefferies

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Main themes

Dashboard features:

- Multi-select in filters
- Reporting from list views based on Excel templates
- Predecessor and Successor linked document columns

System Manager:

- Mass delete headers and rows
- Copy sort order to other templates
- User and Company attributes linked to Value sets
- Validate to find invalid editor type configuration in header fields
- Validation timing changed so it runs after modification tasks.
- Default role behaviour change
- New formulas

Automation Manager:

- Company level parameters identified when different to task template
- Possible to open period without generating tasks
- Period generation task filtering - also now deletes Aico documents
- Custom Period Year and Number
- Multiple tags allowed in Automation manager task to help select companies
- Task template page now configurable to show other properties
- Search in last error
- Return Link on task
- New smart tags for next period number and "Empty value"
- Site is now holiday calendar

Journals:

- Validation rules engine
- Validation Hash to prevent integration validation does not run multiple times
- Continue transfer in Superuser mode

Account reconciliation:

- SAP subledger template
- Account reconciliation status task document now created on generation

Archiving/Purging Aico documents:

- Archive at later date
- Creation of pdf and sending of attachments to external drive now optional
- Archive and re-archive on demand

- Folder structure for archive
- Purging of Aico documents based on age

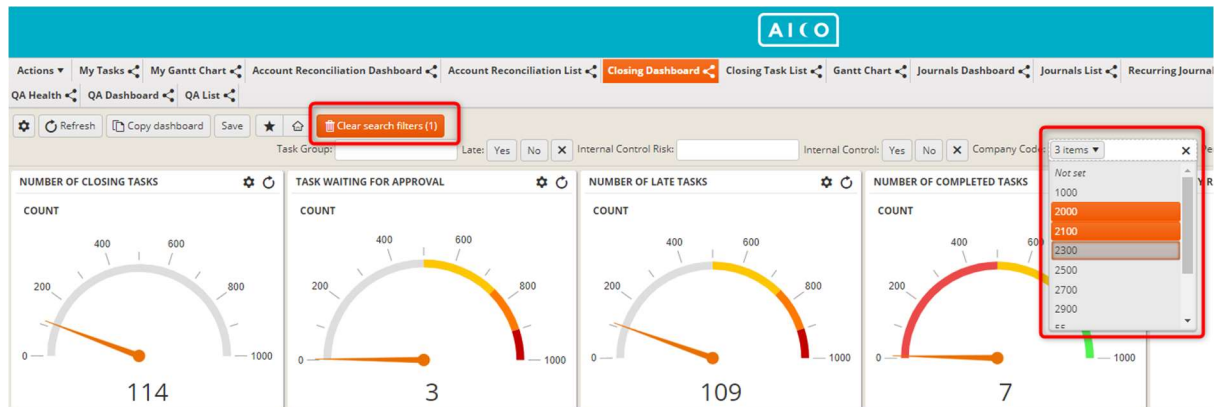
Other:

- Support for Internet explorer ended

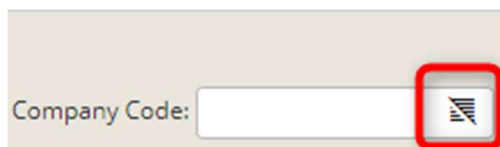
Dashboard features

1. Multi-select in filters

The ability to select multiple values in a dashboard filter allows for more flexible and fine grained reporting. Additionally, a new Clear filters button has been added to make it easier to show that filters are set and remove them.



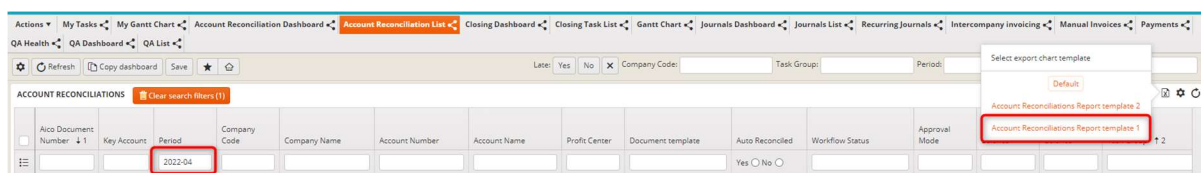
- Multi select is enabled by clicking on the new multi select icon which appears on the right-hand end of a filter when you hover.



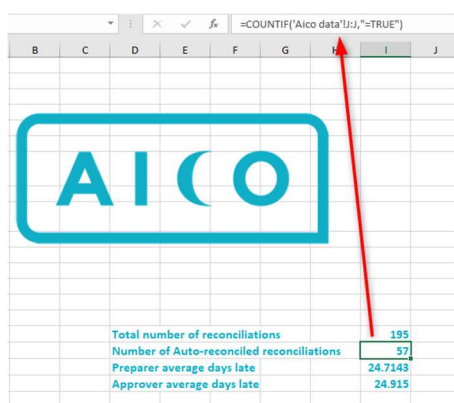
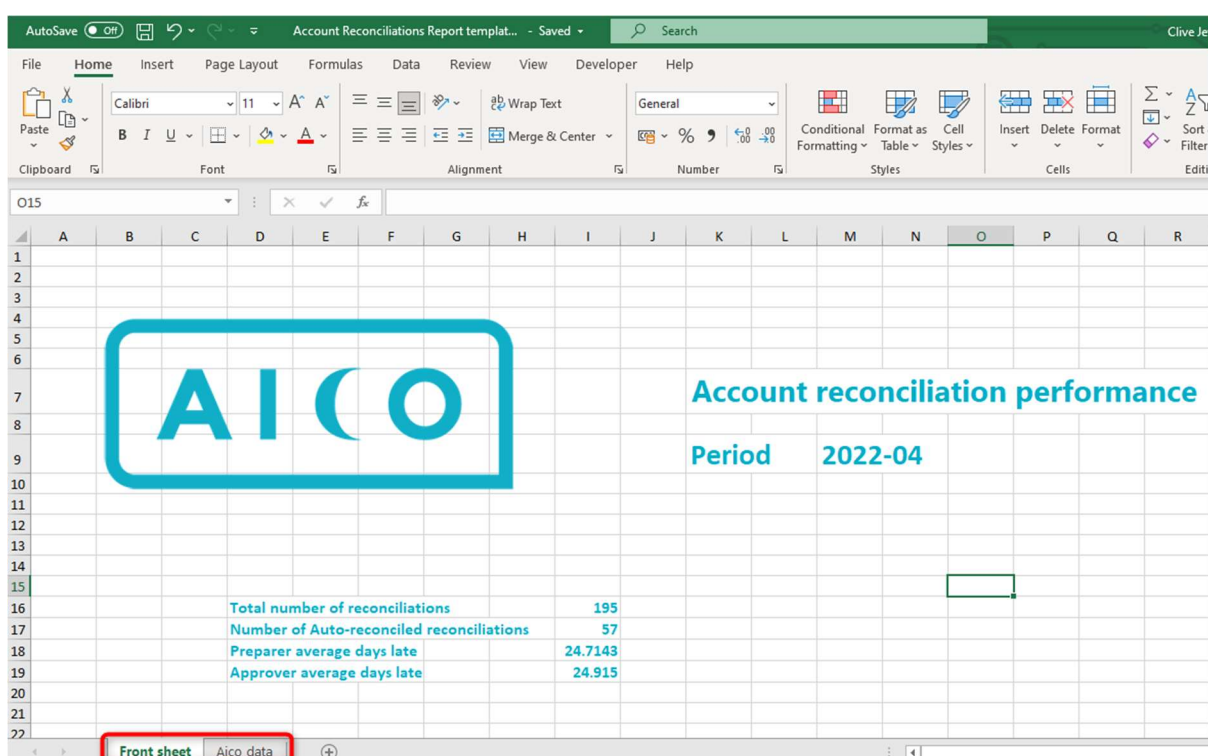
2. Reporting from list views based on Excel templates

It is now possible to upload excel templates on to a list view which then provides pre-formatted report layouts.

Start by filtering to select the data you want to export into the report and then select the template.



The data always goes into the Aico data sheet from which formulas can be used to represent the data.



3. Predecessor and Successor linked document columns

Previously it was only possible to see linked documents which could be dependent task but also could be prior period or journals created from the task. Now it is now possible to identify linked documents specifically as either predecessors or successors.

In the example below we can see an Aico document with 3 linked documents of which 2 are successors.

CLOSING TASKS											
<input type="checkbox"/>	Aico Document Number ↓ 1	Period	Company Code	Company Name	Task Name	Workflow Status	Originally created at	Document template	Linked documents	Predecessors	Successors
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	19293	2022-04	2100	2100 - Aico Portugal	Review Receivables Report	Waiting for preparer	25/05/2022 10:47	SAP Closing task with report	3 documents		2 documents
<input type="checkbox"/>	19292	2022-04	2000	2000 - Aico UK	Review Receivables Report	Created	25/05/2022 10:47	SAP Closing task with report	2 documents		2 documents
<input type="checkbox"/>	19291	2022-04	1000	1000 - Aico Germany	Review Receivables Report	Created	25/05/2022 10:47	SAP Closing task with report	2 documents		2 documents

System Manager

1. Mass delete headers and rows

Historically it was only possible to delete a header or a row from one template at a time. With the new mass delete feature you can select all the template from which you want to remove a header or row and apply the change in one action.

In the example below I want to delete the Purpose header from multiple templates. I click the delete icon then select the individual templates (or Select all) from which I want to delete the Purpose header then I press the Apply button.

The screenshot shows the 'Headers' tab in the System Manager. A table lists various headers with columns: Name, Company Specific, Visible, Mandatory, Data Type, Editor Type, and Formula. The 'Purpose' header is highlighted. To the right, there is a 'Create New Header' form and a 'Copy sort order' button. A red box highlights the 'Apply' button. A dropdown menu is open, showing a list of templates with checkboxes next to them, indicating the selection process for mass deletion.

Name	Company Specific	Visible	Mandatory	Data Type	Editor Type	Formula
Aico Document Number	No	No	No	Large Number (larger than 2 billion)	None	No
Company Code	No	Yes	Yes	Text	None	No
Company Name	No	No	Yes	Text	Text	No
Document template	No	Yes	Yes	Large Number (larger than 2 billion)	None	No
Approval Mode	No	Yes	No	Number	None	Yes
Period	No	Yes	No	Text	Text	Yes
Workflow Status	No	Yes	No	Number	Text	No
Ledger Group	No	Yes	No	Text	List	No
Document Type	No	Yes	Yes	Text	List	No
Purpose	No	Yes	No	Number	List	No
Creator Required Details	No	Yes	No	Number	List	Yes
Document Date	No	Yes	Yes	Date	Text	No
Posting Date	No	Yes	Yes	Date	Text	No
Document Description	No	Yes	No	Text	Text	No
Document Name	No	Yes	Yes	Text	Text	No
Document Amount	No	Yes	No	Number (decimal, currencies, etc.)	Text	Yes
Reference	No	Yes	No	Text	Text	No
Currency Code	No	Yes	Yes	Text	Text	No
Current Exchange Rate	No	No	No	Number (decimal, currencies, etc.)	Text	No
Currency Conversion Date	No	Yes	No	Date	Text	No
Currency Conversion Rate	No	Yes	No	Number (decimal, currencies, etc.)	Text	No
General Ledger Number	No	Yes	No	Large Number (larger than 2 billion)	Text	Yes
Original Document Number	No	No	No	Large Number (larger than 2 billion)	Text	Yes
Original Accounting Date	No	No	No	Date	Text	Yes
Reversal Details	No	Yes	No	Text	List	No

Dropdown menu items (checked items are marked with a checkmark):

- SAP Journal (Delete)
- SAP Recurring master (Duplicate) (Delete)
- SAP Recurring master (Allocate) (Delete)
- SAP Master template to split large journals (Delete)
- SAP Posting Key based Journal (Delete)
- SAP Posting Key based Reversal (Delete)
- Accrual Import (Delete)
- IC Invoice Sending - AR (Delete)
- IC Invoice Receiving - AP (Delete)
- Recurring master (Duplicate) for Intercompany AR (Delete)
- Recurring master (Allocate) for Intercompany AR (Delete)
- SAP Closing task (Delete)
- SAP Closing task with proposed journal (Delete)
- eBS Journal (Delete)

2. Copy sort order to other templates

In prior versions, it was only possible to re-order the headers and rows on a template-by-template basis. The Copy sort order allows you to immediately align the header or rows in the same order on multiple templates simultaneously. Any header or rows not found on the target template are moved to the end so some minor manual changes may still be required after the bulk action has been run. The primary use case here is to align the order of journal rows between the different journal templates.

Display Name	Company Specific	Visible	Mandatory	Data Type	Formula
Account	No	Yes	No	Text (C)	No
Debit	No	Yes	No	Number (N)	No
Credit	No	Yes	No	Number (N)	No
Tax Code	No	Yes	No	Text (C)	No
Trading Partner	No	Yes	No	Text (C)	No
Cost Center	No	Yes	No	Text (C)	No
Profit Center	No	Yes	No	Text (C)	No
Item Text	No	Yes	Yes	Text (C)	No
Assignment	No	Yes	No	Text (C)	No
Internal Order	No	Yes	No	Text (C)	No
Segment	No	Yes	No	Text (C)	No

3. User and Company attributes linked to Value sets and can be made mandatory

Using attributes for both Companies and Users has become increasingly popular to drive the behaviour of the templates. It is also now used for critical values for example to send a System ID with a message to middleware to identify which source ERP system to route the message to. It is therefore important the value is entered accurately, and value sets can play an important role here. Additionally, you can make the Attribute mandatory.

In this first implementation, this is set in the Parameters and customers will most likely need Aico delivery help to set this up.

Note that mandatory attributes can be set differently between Users and User Groups.

4. Validate to find invalid editor type configuration in header fields

When showing data on dashboards it is important that the headers are set up the same way for example if Document Type has a list on one template but not on another then the dashboard cannot resolve what to show as, when connected to lists it shows the description that the User sees but when not, it shows the actual value. Therefore, when this is not consistent empty values appear as

shown below.

JOURNAL LIST													
<input type="checkbox"/>	Aico Document Number	Period	Company Code	Company Name	Approval Mode	Workflow Status	Document Name	Creator	Currency Code	Document Amount	Posting Date	Document template	Document Type
<input type="checkbox"/>	19486	2022-05	2100	2100 - Aico Portugal	0	Archived	Reverses: Prov doubtful invoices	Clive Jefferies	EUR	5,678.00	01/05/2022	SAP Reversal	
<input type="checkbox"/>	19485	2022-04	2100	2100 - Aico Portugal	0	Archived	Prov doubtful invoices	Clive Jefferies	EUR	5,678.00	30/04/2022	SAP Journal	SA - Accounting document
<input type="checkbox"/>	19481	2022-05	1000	1000 - Aico Germany	0	Archived	Aico journal 123	Clive Jefferies	EUR	500.00	25/05/2022	SAP Journal	SA - Accounting document
<input type="checkbox"/>	19480	2022-04	1000	1000 - Aico Germany	0	Archived	Aico journal 999	Clive Jefferies	EUR	500.00	30/04/2022	SAP Journal	SA - Accounting document
<input type="checkbox"/>	18700	2022-04	2100	2100 - Aico Portugal	0	Completed	Clearing Document	Clive Jefferies	EUR		30/04/2022	SAP Clearing	
<input type="checkbox"/>	18699	2022-04	2100	2100 - Aico Portugal	0	Archived	Correction	Clive Jefferies	EUR	100.00	30/04/2022	SAP Journal	SA - Accounting document
<input type="checkbox"/>	18698	2022-05	2100	2100 - Aico Portugal	0	Archived	Reverses: Prov doubtful invoices	Clive Jefferies	EUR	9,876.00	01/05/2022	SAP Reversal	
<input type="checkbox"/>	18697	2022-04	2100	2100 - Aico Portugal	0	Archived	Prov doubtful invoices	Clive Jefferies	EUR	9,876.00	30/04/2022	SAP Journal	SA - Accounting document
<input type="checkbox"/>	18696	2022-04	1000	1000 - Aico Germany	0	Created	194504 Transfer		EUR	0.00	30/04/2022	SAP Journal	SA - Accounting document

This feature provides a quick way to identify where headers have been set up differently between the templates.

5. Validation timing changed so it runs after modification tasks

Small change here. Historically Aico would check for mandatory headers being filled before it ran the configured modification then validation tasks. This could be annoying if you had added a task to copy a value into a mandatory header e.g., Document description copied into Document Name as you want it to fill the header and then validate. Now it runs the modification tasks first then the inbuilt validations then the configured validations.

6. Default role behaviour change

Two changes to how role-page behaves regarding the default setting for a specific role

- When a group has a default setting on a role, then that setting is NOT automatically inherited by the user
- If a user gets a role from a group, but then the Default setting is enabled for that role the role definition is then disassociated from the group and instead considered a personal role-right for the user in question.

7. New formulas added

a. Row Sum If

Sums the values of a column where the value of another column is met. For example, the formula below will sum the amount local where the value in the document type column is AB
=ROWSUMIF("documentType", "AB", "amountLocal")

Workflow	
Preparer	Anne Paakid
Due date and time for preparer	02/05/2022 19:30
Approver 1	Jēkabs Būsis
Due date and time for approver 1	03/05/2022 19:30
Start Time	25/04/2022 09:00
Sum AB line items	-5,800.00

Row data							
Save	Create Journal	SAP Refresh	Reset row	SAP clearing	Create Action Item	Hide empty columns	
	<input type="checkbox"/>	Posting Date	Document Type	Currency (Document)	Amount (Document)	Currency (Local)	Amount (Local)
							Sum: 369,200.00 Partial sum: 0.00
1	<input type="checkbox"/>	22/03/2019	AB	EUR	-5,800.00	EUR	-5,800.00
2	<input type="checkbox"/>	10/02/2019	AB	EUR	25,000.00	EUR	25,000.00
3	<input type="checkbox"/>	20/12/2018	AB	EUR	-25,000.00	EUR	-25,000.00
4	<input type="checkbox"/>	20/12/2018	AB	EUR	-25,000.00	EUR	-25,000.00
5	<input type="checkbox"/>	01/12/2018	AB	EUR	25,000.00	EUR	25,000.00
6	<input type="checkbox"/>	15/08/2017	SA	EUR	-25,000.00	EUR	-25,000.00
7	<input type="checkbox"/>	15/07/2017	SA	EUR	-25,000.00	EUR	-25,000.00
8	<input type="checkbox"/>	15/06/2017	SA	EUR	-25,000.00	EUR	-25,000.00
9	<input type="checkbox"/>	15/05/2017	SA	EUR	-25,000.00	EUR	-25,000.00
10	<input type="checkbox"/>	15/04/2017	SA	EUR	-25,000.00	EUR	-25,000.00
11	<input type="checkbox"/>	05/03/2017	SA	EUR	500,000.00	EUR	500,000.00

b. Row Concatenate with distinct values

The current ROWCONCAT formula returns a csv list of values from a column. In 22.1, this has been enhanced with an additional parameter to allow only distinct values to be returned. For example, the formula below will return a list of unique accounts used in the posting of a journal. The use case here is to recognise where the same accounts have been posted to in journals already posted during a recent period. It will be used in conjunction with the new validation task design to prevent the same postings being made. =ROWCONCAT ("account", ";", 2000, TRUE)

Approver 1	
Approved by Approver 1 at	
Days Waiting for Approval	0
Distinct accounts	112650;165030;194500

Row data					
Save	Validate	Calculate Taxes	Hide empty columns		
	Account	Debit	Credit	Tax Code	Trading
		Sum: 500.00	Sum: 500.00		
1	194500	100.00			
2	194500	100.00			
3	194500	100.00			
4	112650	100.00			
5	112650	100.00			
6	165030		500.00		
7					

Automation Manager

1. Company level parameters identified when different to task template

A new Info button has been added to show where the Company level parameters are different from the Task template level.

Aico Document Headers	
Priority	<div><div><div>Normal</div><div>X</div><div></div></div><div></div></div>
Risk Rating	<div><div><div>High</div><div>X</div><div></div></div><div></div></div>
Task Group	<div><div><div></div><div></div><div></div></div><div></div></div>
Link to Instructions	<div><div><div>https://www.aico.ai/</div><div></div></div><div></div></div>

This value can be set at either the task template or company level.
Task template value = 2.

2. Possible to open period without generating tasks

Historically you had to generate tasks first before you can first open the period however this might mean you have to generate a whole process. Now you are able to open the period and then generate tasks in any way required.

AICO

DashboardTasksManageNewAdmin ToolsHistory

< 2022-5

Open Period

Year2022

Number5

StatusCreated

Custom Calendar Period Dates

Save

Number of Tasks

Open Tasks

Started Tasks

Running

Completed Tasks

Error

0

0

0

0

0

0

3. Period generation task filtering - also now deletes Aico documents.

- Significant improvements on the flexibility to generate tasks from the Period page. It is now possible to generate tasks in a much more flexible way using a series of new filters based on Process (the original way), Company, Task type and even Individual tasks.

Limit tasks based on

Processes	<input type="text" value="SAP Account reconciliations X"/>	Select the Automation Manager processes containing the tasks you wish to generate. Leave empty to select all processes.
Company	<input type="text" value="2100 AicoDemo Portugal X"/>	Select the Companies to which the tasks are connected. Leave empty to select all companies.
Task Types	<input type="text" value="--- Select ---"/>	Select the task types you wish to generate for example Manual Workflow Task, Account Reconciliation.
Individual Tasks	<input type="text" value="175000 Balance (SAPACCRECO120) X"/>	Select one or more individual tasks to export. Leave empty to select all tasks. Note that if an individual task is not active for the selected companies or for the period you are generating, no task will be generated.

Note that it is no longer necessary to select the processes if you want to generate all processes.

- Delete options now also delete the associated Aico documents

Limit tasks based on

Processes	<input type="text" value="SAP Account reconciliations X"/>	Select the Automation Manager processes containing the tasks you wish to generate. Leave empty to select all processes.
Company	<input type="text" value="2100 AicoDemo Portugal X"/>	Select the Companies to which the tasks are connected. Leave empty to select all companies.
Task Types	<input type="text" value="--- Select ---"/>	Select the task types you wish to generate for example Manual Workflow Task, Account Reconciliation.
Individual Tasks	<input type="text" value="175000 Balance (SAPACCRECO120) X"/>	Select one or more individual tasks to export. Leave empty to select all tasks. Note that if an individual task is not active for the selected companies or for the period you are generating, no task will be generated.

Advanced

☐ Regenerate deletes ALL tasks

☒ Regenerate deletes selected tasks

CAUTION: This should very rarely be set to true in Production systems.

CAUTION: This should very rarely be set to true in Production systems.

4. Custom Period Year and Number

In older versions, it was possible to run all companies on any financial year, but the assumption was that all the companies in the group followed the same financial year. This new function adds the ability to have companies within a single Aico system running on different financial years.

In the example below, the real calendar is in April 2022 however for those companies with a March year end will have this as period 1 of fiscal year 2023 and companies with a September year end will have this period 7 of fiscal year 2022.

☒ AicoDemo Netherlands
History

Details Task templates Tools Roles Integration Properties

Code

Name

Division

Country

Tags

Site

Custom Calendar

Timezone

< 2022-4 >

Close Period

Year 2022

Number 4

Status Open

Custom Calendar Period Dates

Name	Start Date	End Date	Period Year	Period Number
March Year end			2023	1
Sept Year end			2022	7

Save

5. Multiple tags allowed in Automation manager task to help select companies

Historically it was only possible to add one tag to a task which was the country, this would then select the companies linked to that country for the associated task. In this release you can add more tags to companies, and this will propose those companies when set on a Task template.

Note the tags are only proposing companies they do not prevent companies which don't have the tags from being set.

AicoDemo Netherlands
History

Details Task templates Tools Roles Integration Properties

Code 2500

Name AicoDemo Netherlands

Division --- Select ---

Country Netherlands

Tags Netherlands EMEA X Sales X

AICO Dashboard Tasks Manage View Admin Tools History

IP to AP transfers completed
History

Name IP to AP transfers completed

Description AP Invoice transfers from Basware IP to SAP completed and errors checked

Code SAPCLOSING0110

Task type Manual Workflow Task
Creates a new Aico document with key fields map

Task parameters

Parameter

- + Aico Document
- + Aico Document Headers
- + Preparer workflow settings
- + Approver 1 workflow settings

Start task type Start automatically

Responsibles --- Select ---

Process SAPCLOSING SAP Closing tasks X

Schedule Group Monthly

Custom Schedule New

Tags EMEA X Sales X

Companies AicoDemo Netherlands X AicoDemo Portugal X

Task template page now configurable to show other properties

It is now possible to configure the layout of the Task template page these can then be used as filters to narrow down the content.

Code	Name	Process	Schedule	Tags	Alco Document Template
SAPACCRC0001	194503 Open Item	SAPACCRC	Monthly	FLEMEA	ACCRCOIMSAP
SAPACCRC0002	112655 ABN Balance	SAPACCRC	Monthly		
SAPACCRC0030	112655 ABN Balance	SAPACCRC	Monthly		
SAPACCRC0040	112655 ABN Open Item	SAPACCRC	Monthly		ACCRCOIMSAP
SAPACCRC0090	194504 Balance	SAPACCRC	Monthly		
SAPACCRC0100	194503 Balance Managed	SAPACCRC	Monthly		

6. Search in last error

A new search field has been added to the tasks page filter to allow common errors to be filtered. For example, “No valid accounts” is a common error in Account reconciliation where accounts have been set on a task that are not valid for that company.

Company Code	Process Code	Task Name	Start Time	End Time	Status	Last Error
1000	SAPACCRC	112655 ABN Balance	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	112655 ABN Balance	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	112655 ABN Open Item	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	159100 Open Item	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	175000 Balance	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	179100 Open Item	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	192600 Balance	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	192700 Bonus provisions	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	194503 Balance Managed	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	194503 Open Item	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	194504 Balance	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	194504 Balance Managed	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	194505 Line Item	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	19450X Grouped	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	204000 PC split	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	416100 Balance	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp
1000	SAPACCRC	445000 Line Item	4/25/2022 9:00 AM	5/6/2022 5:00 PM	Error	No valid Accounts available for this Comp

7. Return Link on task

The return link can be configured on a document template header, and it will store a URL to the Automation manager task that it is linked to.

Add image

8. New smart tags for next period number and “Empty value”

Two new smart tags have been added:

- Next period number will set the period number after the one you are working in. The main use case is for running a program to open the next period. Note it will react to the custom period number set and also understand that Period 1 comes after Period 12.

- Empty value essentially removes any value that might be set. The main use case is to remove a value coming from a variant such as the test run flag. This allows you to use a single variant for both the test and production runs of a program.

The screenshot shows a software interface with a sidebar on the left and a main content area on the right. The sidebar contains sections for 'Normal Items', 'Open Items', and 'Parked Items', each with a search icon and a text input field. Below these are expandable sections: '+ Alco Document', '+ Preparer workflow settings', and '+ Approver 1 workflow settings'. The main content area on the right displays a dropdown menu with the following options: --UNSELECT--, Company Code, Company Name, Company Attribute 1, Company Attribute 2, Company Attribute 3, Company Attribute 4, Company Attribute 5, Period, Period Year, Period Number, Period Last Calendar Day, Period Last Working Day, Period First Calendar Day, Period First Working Day, Next period First Calendar Day, Next period First Working Day, Prior Period Year, First day of Period Year, Next Period Year, External Company Code, Empty Value (highlighted with a red box), Next Period Number, and formula.

9. Site is now holiday calendar

Small renaming of the Site to reflect more accurately its use to link a holiday calendar to a company.

Journals

10. Validation rules engine

A significant part of the 22.1 development was associated with being able to export files which could be imported as journals into non-integrated ERPs. Aico has been able to export multiple file formats for many years however when considering journals for non-integrated ERPs, it is the validation rules that must be set in Aico rather than being able to rely on the ERP itself.

The rules engine allows you to consider 2 input fields (headers or rows) and one target fields. It allows rules to be set for:

- Target fields to be mandatory or not allowed based on values or ranges of values in the input fields.
 - Profit center is mandatory if Account is between 1000 and 1999
- Target fields to be within ranges based on values or ranges of values in the input fields.
 - Cost Center must be between CC100 and CC199 if Project number if 123
- Target fields to be automatically filled based on values or ranges of values in the input fields.
 - Assignment should be set as ASSIGN999 if Profit Center is between PC900 and PC999

There are 2 modes of operation:

- Automated import from a file
- Manually maintained rules in Aico itself via an excel import/export.

B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Id	Rule Name	Company Code	Editable	Source1Name	Source1MinLimit	Source1MaxLimit	Source2Name	Source2MinLimit	Source2MaxLimit	TargetName	TargetUse	TargetValue	TargetMinValue	TargetMaxValue
1	Profit Center Rule		TRUE	account	194500	194599				profitCenter	Optional		1000	2000
2	Profit Center Fill	2100	TRUE	account	100000	199999	costCenter	21-4210	21-4210	profitCenter	Optional	1010		
3	Profit Center Mandatory		TRUE	account	400000	499999				profitCenter	Mandatory			

Row data									
<div> <div>Save</div> <div>Validate</div> <div>Calculate Taxes</div> <div>Hide empty columns</div> <div><</div> <div>></div> <div><<</div> <div>>></div> </div>									
	Account	Debit Sum: 1,000.00	Credit Sum: 1,000.00	Tax Code	Trading Partner	Cost Center	Profit Center	Item Text	Assignment
1	194500	1,000.00						Test 101	
2	194503		1,000.00			21-4210	1010	Test 101	
3									
4									
5									

Profit center in line 1 is not valid based on the Profit Center rule

Value "" in column "Profit Center" is not in range "1000-2000" Error

Value has been filled by the Profit Center fill rule.

A new validation and/or modification task are configured on the template to either validate or fill depending on the rule being run.

Save

Validate

Close

[SendTo \(6\)](#)
[StartTransfer \(6\)](#)
[Transfer \(1\)](#)

UserInitiatedValidation (7)

Executed before action

UserInitiatedValidation: Check Numeric V

(columns: "debit, credit", type: "TAX")

Enabled ☒

UserInitiatedValidation: Rule value validat

(rules: "Profit Center Rule")

Enabled ☒

UserInitiatedValidation: Reversal Mandat

Parameters JSON

Enabled ☒

UserInitiatedValidation: Reversal Date Val

Parameters JSON

Enabled ☒

Action event type information

Name

Rule value validation

Description

Validate column or header value combinations based on rules specified in database tables Rule and RuleValue.

Associated Task

RuleValueValidation

Action Type

UserInitiatedValidation

Modification

☒

Executed Before Action

☒

Failure Stops Execution

☒

JSON Parameters

rules: "rule1, rule2, rules(companyCode), rule"

List of rule names that should be used for filling task. Name can contain tags for headers.

enabledHeader: "runValidation"

Refers to a boolean header that indicates if filling task should be run or not.

target: "headers"

Specifies if the target of filling tasks is headers or columns. Target is columns by default.

[Approve \(2\)](#)
[ClearCalculations \(4\)](#)
[CompleteTransfer \(2\)](#)
[Create \(2\)](#)
[CreateCopy \(4\)](#)
[ExcelImport \(6\)](#)
[Header](#)

[StartTransfer \(9\)](#)
[Transfer \(2\)](#)

UserInitiatedValidation (10)

Executed before action

UserInitiatedValidation: Generate Row N

(InternalName: "ItemNumber", startFrom: 1, increment: 1)

Enabled ☒

UserInitiatedValidation: Rule Value Filling

(rules: "Profit Center Fill")

Enabled ☒

UserInitiatedValidation: Run Cell Formula

Parameters JSON

Enabled ☒

UserInitiatedValidation: Run Header Form

Parameters JSON

Enabled ☒

Action event type information

Name

Rule Value Filling

Description

Task to fill in data to document based on Rules

Associated Task

RuleValueFilling

Action Type

UserInitiatedValidation

Modification

☒

Executed Before Action

☒

Failure Stops Execution

☒

JSON Parameters

rules: "rule1, rule2, rules(companyCode), rule"

List of rule names that should be used for filling task. Name can contain tags for headers.

enabledHeader: "runOnImport"

Refers to a boolean header that indicates if filling task should be run or not.

target: "headers"

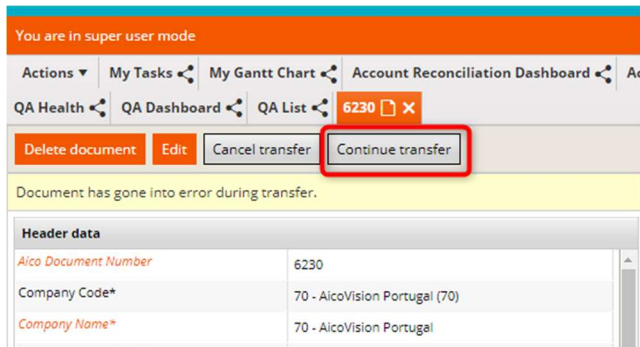
Specifies if the target of filling tasks is headers or columns. Target is columns by default.

11. Validation Hash to prevent integration validation does not run multiple times

Technical improvement to prevent the ERP validation from running multiple times

12. Continue transfer in Superuser mode

When in Superuser mode, it was not possible to continue the transfer without having the transfer right itself. Now it is possible for the administrator to resolve any error and then simply continue the transfer.

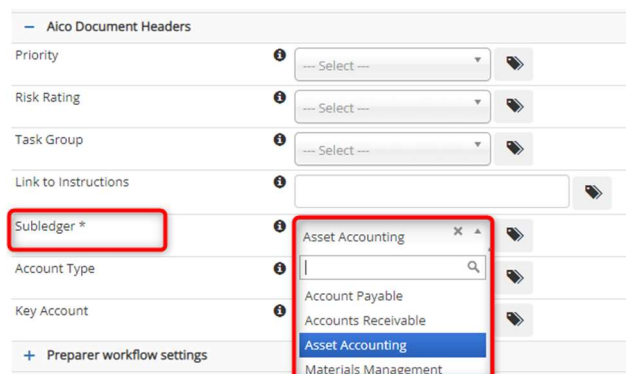


Account reconciliation

13. SAP subledger template

A new single subledger template can be used for all subledger types AR, AP, AA and MM. This ONLY works in conjunction with the latest release of the Z function which adds AA and MM to the subledgers supported. Note also customer must use New GL.

Instead of having a template for each subledger you can now select the subledger from a header on the Task template. This simplifies the authorisation.



14. Account reconciliation task document now created on generation

Small change to align the Account reconciliation status task type to generate the document on creation. This brings it in line with all other task types.

Archiving

1. Archive at later date

Archive due date "archiveDueDate". This is used to prevent a document which is set to Automatic archive enabled from being archived before a specified date has arrived. For example, =WORKDAY(15,DATEADD(period,1,"MO")) will prevent the document from being archived before the 15th workday of the month after the period set in the period header. The benefit of this approach is that the document, when completed, will be archived any time after workday 15. If the document is completed after workday 15, it will be archived immediately*.

* Archiving runs during the times specified in the Archive Process Running Time Frame. If this parameter is empty then the archiving is always running.

2. Creation of pdf and sending of attachments to external drive now optional

When documents are archived inside of Aico, they are no longer editable* with the exception that header level comments can still be added and are marked with a workflow status of "Archived". They remain in the Aico database and can be viewed, and their attachments downloaded but they cannot be worked on by any users.

When the document is archived it is possible to create a pdf copy of the Aico document and, together with any attachments, these can be stored on an external drive. The external drive can either be a customer provided SFTP or a folder on the Aico server (either Aicocloud or customer server if on premise). This will now be optional.

3. Archive and re-archive on demand

It will possible to archive/rearchive documents based on their originally created date. This means that, even if the archiving is enabled at a later date it will be possible to send Aico document to the archive folders.

Re-archiving documents – From the System Manager Export/Import page set the required dates to decide which documents will be rearchived. If the archiving is newly activated, this dialog will archive the selected documents for the first time.

- Only documents that are in the archived status in Aico will be eligible for re-archiving (or archiving for the first time if archiving is newly activated)

Where documents are re-archived they are removed from the Internal archive but **NOT** from the External archive and there will therefore be potentially more than one copy of an archived document in the external archive.

Archiving

Companies

All Companies

From (Originally created at)

2022-01-01

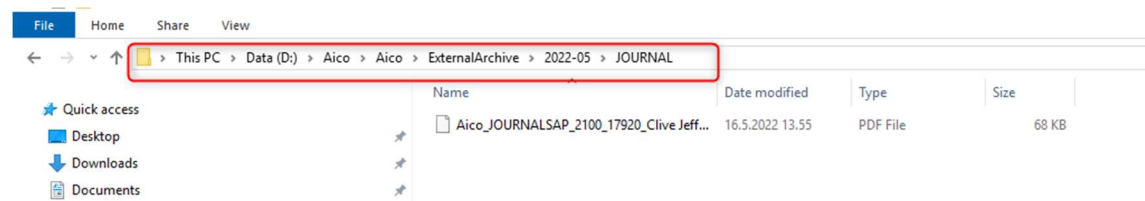
Until (Originally created at)

Rearchive

4. Folder structure for archive

It will be possible to set a folder structure using a header in the template. This will use a header formula to construct the folder structure.

Archive files subfolder "archiveFilesSubFolder". This is used to set a folder structure using a formula. For example, =CONCATENATE (period,"/",aicoProcess) on the Journal templates will set a folder structure made up of the period header and Aico process. The path will ultimately be d:/Aico/Aico/ExternalArchive/2022-05/JOURNAL where the journals are from period 5 of 2022.



5. Purging of Aico documents based on age

It is now possible to purge documents from the Aico database based on an age rule. Note that purge means delete permanently from Aico, and it is not possible to get these documents back once purged.

Parameters

purging

APPLICATION

EMEMO

Aico Test

Configuration

Document Purging Enabled (N)

Document Purging Older Than Days (2190)

ServerParameters

DocumentPurgingCycleDuration (P1D)

DocumentPurgingCycleErrorDuration (PT2H)

Global Parameters

Id

492

Name

Document Purging Older Than Days

Value

2190

Description

The configuration indicates the maximum days of retention of Aico documents.