

What's new

**Axtension® Project Management &
Axtension® Project Controlling**
2024 H2



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Axtension® Project Management

Calculate “Progress” based on “Effort” or on “Performance”

The “Activity planning method” calculates the “Task effort to complete” and the “Task effort at complete” values on a task. For the “Activity planning method” two configuration options are available:

- Effort based
- Performance based

Calculate based on Effort

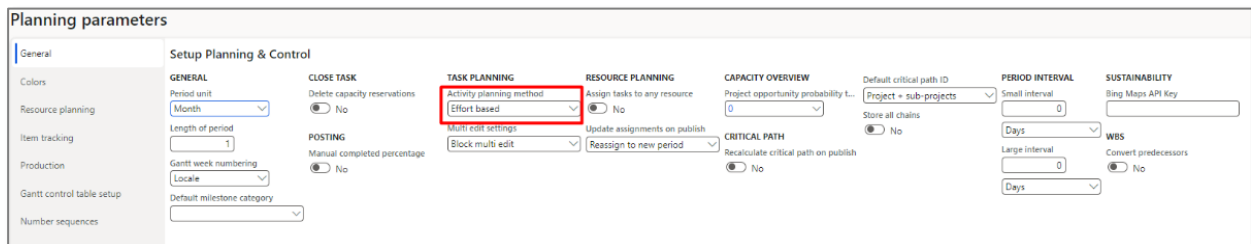
This method calculates the progress based on effort. This can be the preferred method for organizations that want to know what the impact is going to be on the “Task effort at complete” based on the “Task effort to complete” in combination with the “Posted hours”.

Calculate based on Performance

This method calculates the progress based on performance. This can be the preferred method for organizations that want to know what the impact is going to be on the “Task effort at complete” based on the “Reported progress” in combination with the “Posted hours”.

Configuration of the “Activity planning method”

The “Activity planning method” can be configured per legal entity in the module [Project management and accounting](#) -> [Setup](#) -> [Planning & Control](#) -> [Planning parameters](#).



The screenshot shows the 'Planning parameters' configuration window. The 'TASK PLANNING' section is highlighted with a red box, indicating the 'Activity planning method' is set to 'Effort based'. Other visible settings include 'Period unit' set to 'Month', 'Length of period' set to '1', and 'Gantt week numbering' set to 'Locale'. The 'CLOSE TASK' section has 'Delete capacity reservations' set to 'No'. The 'RESOURCE PLANNING' section has 'Assign tasks to any resource' set to 'No'. The 'CAPACITY OVERVIEW' section has 'Project opportunity probability L...' set to '0'. The 'PERIOD INTERVAL' section has 'Small interval' set to '0' and 'Large interval' set to '0'. The 'SUSTAINABILITY' section has 'Bing Maps API Key' and 'WBS' set to 'No'.

Introduction to the “Activity planning method”

When creating the task planning for a project the following fields are available on a task from a scheduling perspective.

Schedule			
Task start date 9/4/2024	Effort in hours 40.00	Task effort to complete 20.00	Posted hours 20.00
Task end date 9/17/2024	Number of resources 1.00	Task effort at complete 40.00	Staffing status Not staffed
Duration 10.00	Completed hours 20.00	Progress 50.00	Estimated planning status On scheduled effort

In the table below a description for each of the fields is added:

Field Name	Description
Effort in hours	Scheduled hours
Progress	Progress percentage on the task
Posted hours	Posted hours via an hour journal
Completed hours	Completed hours based on the progress and effort
Task effort to complete	Remaining hours to complete the task
Task effort at complete	Total hours based at completion of the task

In the table below the formula's for the “Activity planning method” are described:

Field Name	Formula (Effort based)	Formula (Performance based)
Effort in hours	The configured effort in hours on the task	The configured effort in hours on the task
Posted hours	Posted hours on the task	Posted hours on the task
Progress (%)	$(\text{Posted hours} / \text{Effort in hours}) * 100$ *Can be adjusted manually	$(\text{Posted hours} / \text{Effort in hours}) * 100$ *Can be adjusted manually
Completed hours	$(\text{Effort in hours} * \text{Progress}) / 100$	$(\text{Effort in hours} * \text{Progress}) / 100$
Task effort to complete	$\text{Effort in hours} - \text{Completed hours}$ *Can be adjusted manually	$\text{Task effort at complete} - \text{Posted hours}$ *Can be adjusted manually
Task effort at complete	$\text{Posted hours} + \text{Task effort to complete}$	$(\text{Posted hours} / \text{Progress})$

Scenario: Effort based

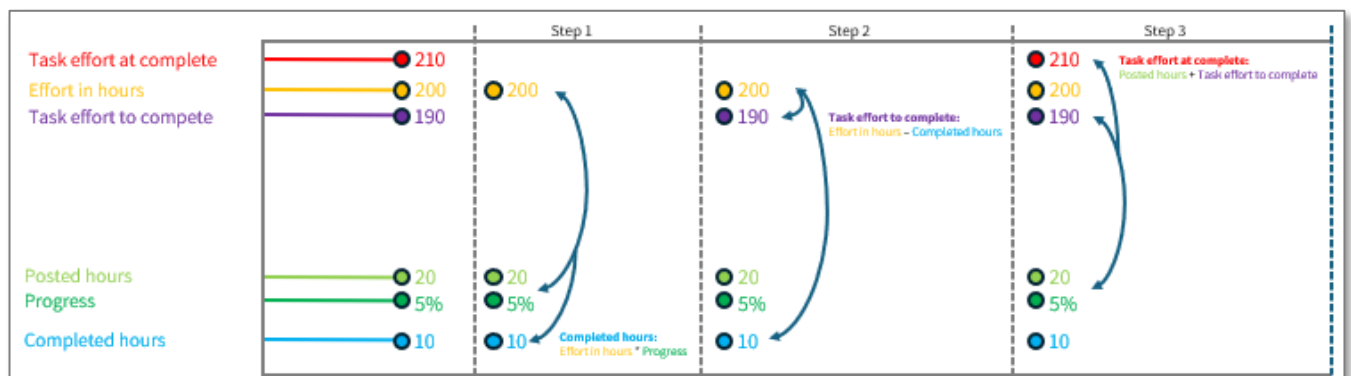
Scenario 1:

Field Name	Numbers	Formula (Effort based)	Formula (Effort based)
Effort in hours	200		
Posted hours	20		
Progress	5%		
Completed hours	10	Progress * Effort in hours	5% * 200
Task effort to complete	190	Effort in hours - Completed hours	200 - 10
Task effort at complete	210	Task effort to complete + Posted hours	190 + 20

Scenario 2

Field Name	Numbers	Formula (Effort based)	Formula (Effort based)
Effort in hours	150		
Posted hours	30		
Progress	50%		
Completed hours	75	Progress * Effort in hours	50% * 150
Task effort to complete	75	Effort in hours - Completed hours	150 - 75
Task effort at complete	105	Task effort to complete + Posted hours	75 + 30

Below a visualization that shows what is calculated when “Effort based” is used as the “Activity planning method”. Per step is shown what is calculated and what values are used.



Scenario: Performance based

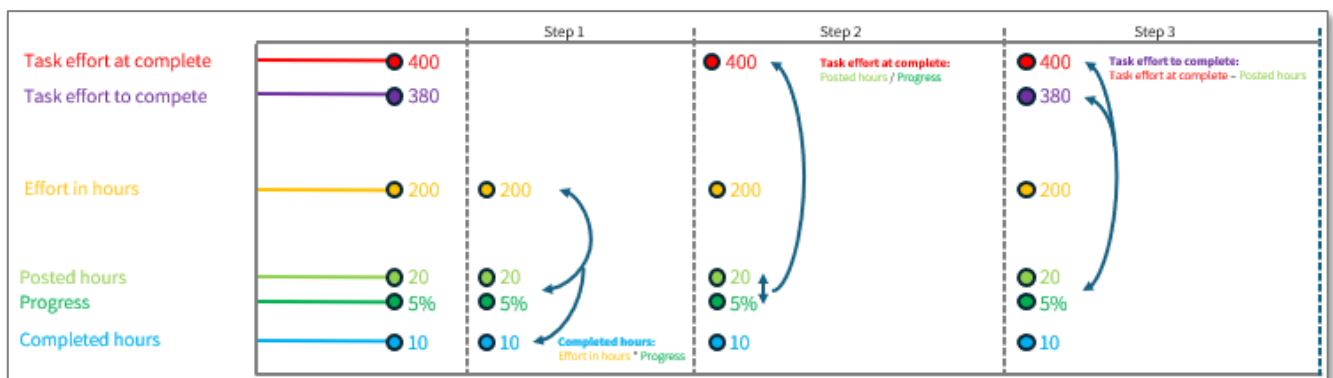
Scenario1:

Field Name	Numbers	Formula (Performance Based)	Formula (Performance Based)
Effort in hours	200		
Posted hours	20		
Progress	5%		
Completed hours	10	Progress * Effort in hours	10% * 200
Task effort to complete	380	Task effort at complete – Posted hours	400 - 20
Task effort at complete	400	Posted hours / Progress	20 / 5%

Scenario 2:

Field Name	Numbers	Formula (Performance Based)	Formula (Performance Based)
Effort in hours	150		
Posted hours	30		
Progress	50%		
Completed hours	75	Progress * Effort in hours	50% * 150
Task effort to complete	30	Task effort at complete – Posted hours	60 - 30
Task effort at complete	60	Posted hours / Progress	30 / 50%

Below a visualization that shows what is calculated when “Performance based” is used as the “Activity planning method”. Per step is shown what is calculated and what values are used.



Note:

If a task has multiple estimated cost lines of the type “hour”:

- Progress and Task effort to complete are kept in sync, changes on either field will recalculate the other
- Changed “Progress” on the activity is copied over to the individual estimated lines
- Changed “Task effort to complete” is calculated per individual estimated lines to ratio of each line
- Changed “Progress” on an individual estimated line will be rolled up to the activity
- Changed “Task effort to complete” on an individual estimated line will be rolled up to the activity
- Hours posted on a different category than estimated on an activity will only update the Posted hours value of the activity and not affect the Posted hours of individual estimated lines
- Changes in “Posted hours” and reported “Progress” on a published plan are kept in sync with any existing drafts on the project plan.

Comparing the “Activity planning methods”:

Scenario 1:

When using “Effort based” for the “Activity planning method”, the “Task effort at complete” value is calculated based on the “Effort in hours” and “Completed hours”. Based on the “Effort in hours” minus the “Completed hours”, the “Task effort to complete” is calculated. Where the “Task effort at complete” is calculated based on the “Posted hours” plus the “Task effort to complete”.

When using “Performance based” for the “Activity planning method”, the “Task effort at complete” value is calculated based on the “Posted hours” and “Progress”. In other words, in 20 hours, 5% of the work is completed. If this progress trend continues the task will need 400 hours to be completed. The “Task effort to complete” is calculated based on the “Task effort at complete” minus the “Posted hours”.

Field Name	Numbers (Effort based)	Numbers (Performance based)
Effort in hours	200	200
Posted hours	20	20
Progress	5%	5%
Completed hours	10	10
Task effort to complete	190	380
Task effort at complete	210	400

Scenario 2:

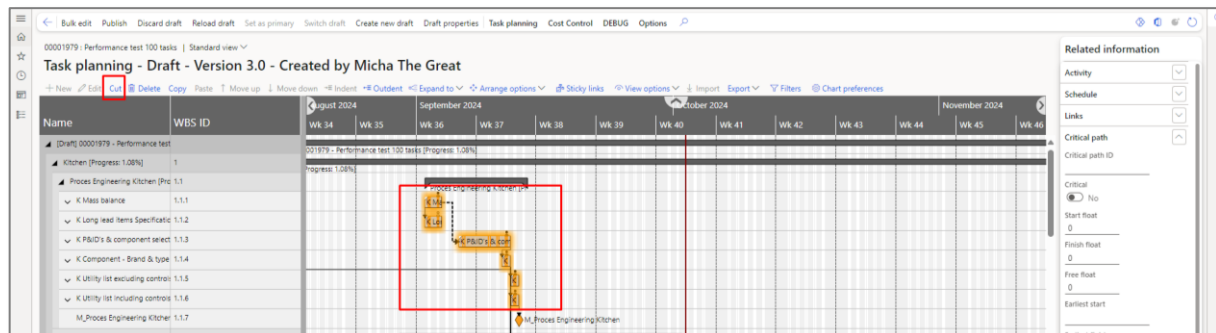
When using “Effort based” for the “Activity planning method”, the “Task effort at complete” value is calculated based on the “Effort in hours” and “Completed hours”. Based on the “Effort in hours” minus the “Completed hours”, the “Task effort to complete” is calculated. Where the “Task effort at complete” is calculated based on the “Posted hours” plus the “Task effort to complete”.

When using “Performance based” for the “Activity planning method”, the “Task effort at complete” value is calculated based on the “Posted hours” and “Progress”. In other words, in 30 hours, 50% of the work is completed. If this progress trend continues the task will need 60 hours to be completed. The “Task effort to complete” is calculated based on the “Task effort at complete” minus the “Posted hours”.

Field Name	Numbers (Effort based)	Numbers (Performance based)
Effort in hours	150	150
Posted hours	30	30
Progress	50%	50%
Completed hours	75	75
Task effort to complete	75	30
Task effort at complete	105	60

Use “Cut” to split activities

Hours, items and expenses can be deducted from one or multiple selected tasks and pasted into another task by using the “Cut” and “Paste” actions.



After selecting one or more multiple tasks the “Cut” option will show the “Reduce quantities” form with the estimated cost lines per WBS ID (task). In this form it is possible to reduce the amounts of hours and items, but also to reduce the costs e.g. for expenses by entering the amount or quantity in the “Reduced quantity” column.

Reduce quantities								
<input checked="" type="checkbox"/> Show estimates only								
WBS ID	Task name	Estimate	Category	Transaction type	Quantity	Reduced quantity	Total costs	Reduced costs
1.1.1	K Mass balance	Application Development	Eng-P	Hour	16.00	8.00	2,880.0000	1,440.0000
1.1.2	K Long lead items Specific...	Application Development	Eng-P	Hour	12.00		2,160.0000	
1.1.2	K Long lead items Specific...	Hardware: Tablet	ProjItem	Item	20.00	10.00	10,180.0000	5,090.0000
1.1.3	K P&ID's & component s...	Application Development	Eng-P	Hour	28.00		5,040.0000	
1.1.3	K P&ID's & component s...	Other travel costs	Travel	Expense	1.00	0.50	10,000.0000	5,000.0000
1.1.4	K Component - Brand & t...	Application Development	Eng-P	Hour	4.00		720.0000	
1.1.5	K Utility list excluding con...	Application Development	Eng-P	Hour	8.00		1,440.0000	
1.1.6	K Utility list including con...	Application Development	Eng-P	Hour	4.00		720.0000	

After confirming the reduced quantities by using the “OK” action, the estimated cost lines are directly reduced accordingly to the entered values in the “Reduce quantities” form.

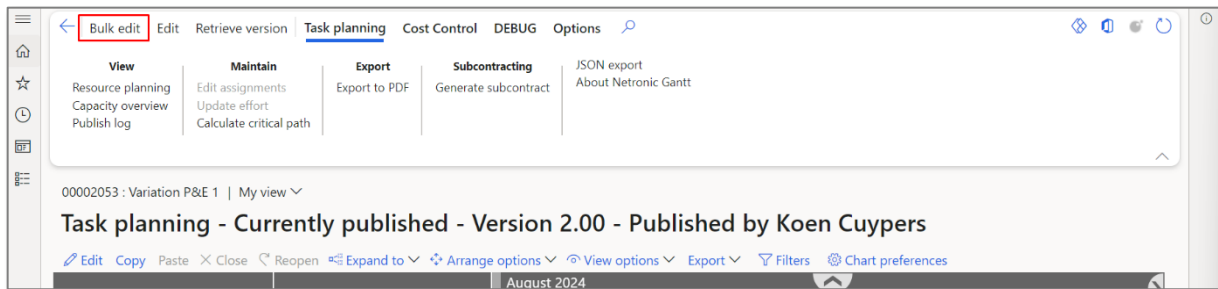
It is possible to use the “Paste” action to create new activities in the current project or any other project with the reduced quantities from the “Reduce quantities” form.

The pasted activities will have:

- Same name
- Same duration
- Same role
- Estimated cost lines with the reduced amounts.
- Same resource assignment
- Same CBS ID (as long as that the CBS exists in either the Cost Control Budget or CBS Template of the target project).

Bulk edit Progress and Estimated hours remain

A “Bulk edit” action is available for published project plans, to update the “Progress” and “Estimated hours remain” for activities in the progress and estimate data set.



In the Bulk edit form the following columns can be adjusted:

- Estimated hours remain
- Progress.

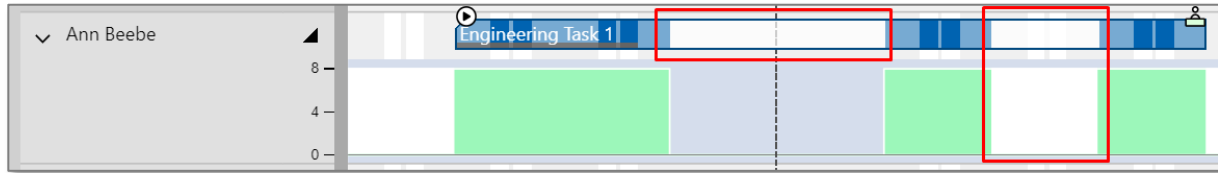
WBS ID	Task name	Category	Effort in h...	Posted ho...	Completed...	Estimated ...	Estimated ...	Progress	Closed	
1	Engineering		180.00	15.00	21.00	159.00	159.00	11.67		
1.1	Engineering Task 1	Design	40.00	10.00	16.00	24.00	24.00	40.00		
	Software Design	Design	40.00		16.00	24.00	24.00	40.00	<input type="checkbox"/>	
1.2	Engineering Task 2		110.00		0.00	110.00	110.00			
1.2.1	Engineering		110.00		0.00	110.00	110.00			
1.2.1.1	Engineering Task 1	Design	40.00		0.00	40.00	40.00			

This allows project members to easily update activities based on insights and progress.

Show allocated effort on assignments in resource planning

In the resource planning it's easy to see if a resource is assigned within the duration of an assignment.

Days on which a resource is not assigned are shown in white. If a task is assigned, these days are shown with a green or red color depending on the resource utilization.



As seen in the above example the non-working days of the resource are shown as white, but also the day on which the resource is not scheduled for the assignment.

This visualization can be used by enabling the “Show resource availability” in the chart preferences.

Chart preferences

From

< 4

11/1/2024

44

>

To

< 4

1/31/2025

5

>

Show tasks

Active

Show unassigned tasks

Show all tasks for resource

No

Show item tracking

No

PROJECTS

Show resource availability

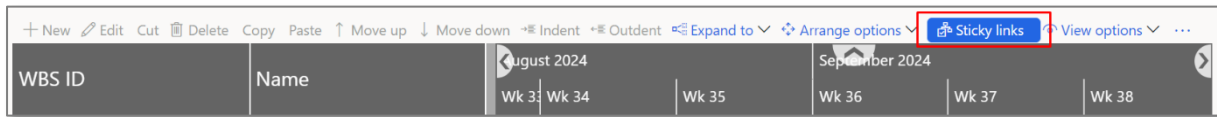
Yes

Show estimated planning status

Yes

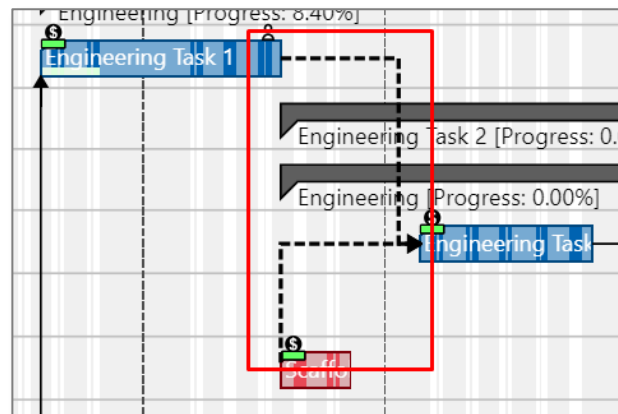
Sticky links

With the “Sticky links” activities will stick to each other based on the links when one of the activities is being rescheduled.



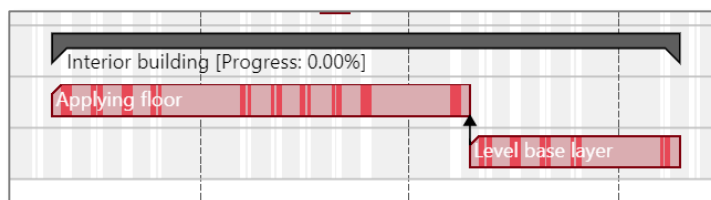
When the action “Sticky links” is enabled, moving an activity either to an earlier or later moment, will also move any of the linked activities throughout the project. When sticky links is enabled, the other activities (predecessors and successors) will be rescheduled in relation to the rescheduled activity, while reapplying all the links and respecting the delay configured on the links.

If the “Sticky links” action is not enabled, moving an activity to a later moment will not reschedule any of the predecessors with it. Links which have a longer duration than is configured as the delay will show as a dotted line in the task planning. This dotted line can be used to identify links which have a longer duration than might be needed.



Start to Finish links

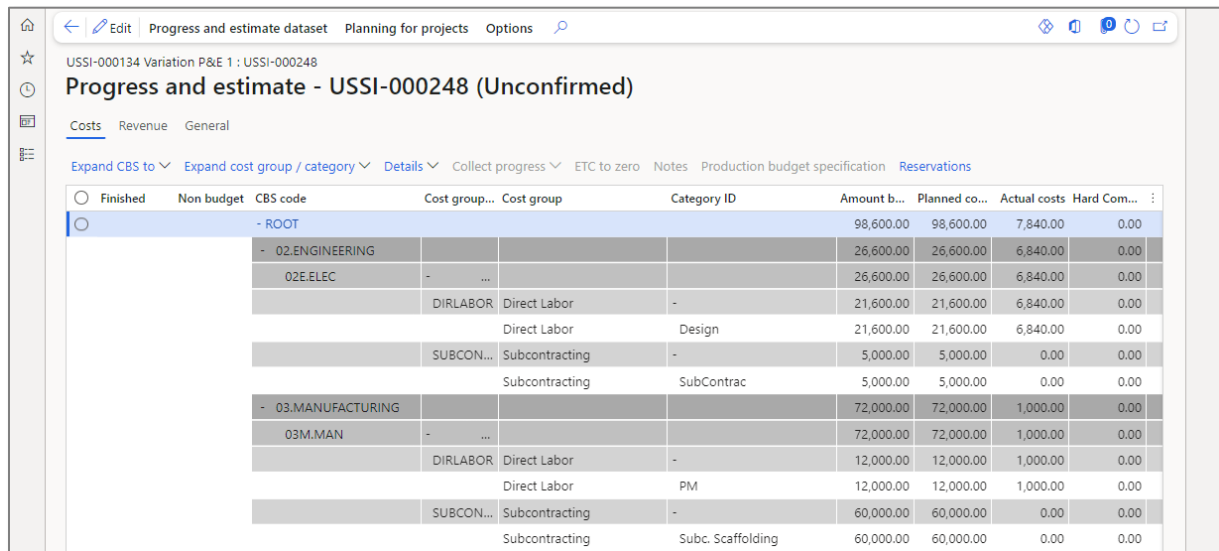
A start to finish link can be created between activities. The start date of the predecessor is driving the finish date of the successor as shown in the image below.



Axtension® Project Controlling

Simplified progress and estimate dataset

This version of Axtension® Project Controlling introduces a simplified progress and estimate dataset. The simplified progress and estimate dataset will show the CBS codes with budget lines in one overview. This is similar to the “Reporting data” view.



Finished	Non budget	CBS code	Cost group...	Cost group	Category ID	Amount b...	Planned co...	Actual costs	Hard Com...
		- ROOT				98,600.00	98,600.00	7,840.00	0.00
		- 02.ENGINEERING				26,600.00	26,600.00	6,840.00	0.00
		02E.ELEC	-	...		26,600.00	26,600.00	6,840.00	0.00
			DIRLABOR	Direct Labor	-	21,600.00	21,600.00	6,840.00	0.00
				Direct Labor	Design	21,600.00	21,600.00	6,840.00	0.00
			SUBCON...	Subcontracting	-	5,000.00	5,000.00	0.00	0.00
				Subcontracting	SubContrac	5,000.00	5,000.00	0.00	0.00
		- 03.MANUFACTURING				72,000.00	72,000.00	1,000.00	0.00
		03M.MAN	-	...		72,000.00	72,000.00	1,000.00	0.00
			DIRLABOR	Direct Labor	-	12,000.00	12,000.00	1,000.00	0.00
				Direct Labor	PM	12,000.00	12,000.00	1,000.00	0.00
			SUBCON...	Subcontracting	-	60,000.00	60,000.00	0.00	0.00
				Subcontracting	Subc. Scaffolding	60,000.00	60,000.00	0.00	0.00

The simplified progress and estimate dataset contains three tabs:

Tab Name	Description																																																			
Costs	Overview of the CBS codes, cost groups, and categories																																																			
Revenue	<div>Revenue information, including total revenue, margin and revenue period split broken down into revenue types of hour, expense and item.</div> <div><div><div>Costs</div><div>Revenue</div><div>General</div></div><div><div><div>SUMMARY</div><table><tr><td>Revenue</td><td>Budget margin value</td><td>Budget margin in percent</td><td>Estimated margin value</td><td>Estimated margin in percent</td><td>Revenue performance index</td></tr><tr><td>136,000.00</td><td>-36,520.00</td><td>-26.85</td><td>-111,440.00</td><td>0.00</td><td>3.05</td></tr></table></div><div><div>LINES</div><table><tr><td><input type="radio"/></td><td>Project ID</td><td>Revenue type</td><td>Reference type</td><td>Total invoic...</td><td>Remaining</td><td>1 - 8/26/20...</td><td>2 - 9/2/2024</td><td>3 - 9/9/2024</td><td>4 - 9/16/20...</td><td>5 - 9/23/2...</td><td>6 - 9/30/2...</td><td>:</td></tr><tr><td><input type="radio"/></td><td>00002053</td><td>Hour</td><td>Budgeted</td><td>57,000.00</td><td>0.00</td><td>11,800.00</td><td>12,000.00</td><td>16,666.67</td><td>14,200.00</td><td>2,333.33</td><td></td><td></td></tr><tr><td><input type="radio"/></td><td>00002053</td><td>Hour</td><td>Current</td><td>57,000.00</td><td>0.00</td><td>11,800.00</td><td>12,000.00</td><td>16,666.67</td><td>14,200.00</td><td>2,333.33</td><td></td><td></td></tr></table></div></div></div> <div><div>The revenue of the reference type current can be adjusted. Note the values entered in here will not be written back in to the Cost Control budget and can only be used for reporting purposes.</div></div>	Revenue	Budget margin value	Budget margin in percent	Estimated margin value	Estimated margin in percent	Revenue performance index	136,000.00	-36,520.00	-26.85	-111,440.00	0.00	3.05	<input type="radio"/>	Project ID	Revenue type	Reference type	Total invoic...	Remaining	1 - 8/26/20...	2 - 9/2/2024	3 - 9/9/2024	4 - 9/16/20...	5 - 9/23/2...	6 - 9/30/2...	:	<input type="radio"/>	00002053	Hour	Budgeted	57,000.00	0.00	11,800.00	12,000.00	16,666.67	14,200.00	2,333.33			<input type="radio"/>	00002053	Hour	Current	57,000.00	0.00	11,800.00	12,000.00	16,666.67	14,200.00	2,333.33		
Revenue	Budget margin value	Budget margin in percent	Estimated margin value	Estimated margin in percent	Revenue performance index																																															
136,000.00	-36,520.00	-26.85	-111,440.00	0.00	3.05																																															
<input type="radio"/>	Project ID	Revenue type	Reference type	Total invoic...	Remaining	1 - 8/26/20...	2 - 9/2/2024	3 - 9/9/2024	4 - 9/16/20...	5 - 9/23/2...	6 - 9/30/2...	:																																								
<input type="radio"/>	00002053	Hour	Budgeted	57,000.00	0.00	11,800.00	12,000.00	16,666.67	14,200.00	2,333.33																																										
<input type="radio"/>	00002053	Hour	Current	57,000.00	0.00	11,800.00	12,000.00	16,666.67	14,200.00	2,333.33																																										
General	General information about the progress and estimate dataset.																																																			

Using the new simplified progress and estimate dataset or the normal progress and estimate dataset, can be set per legal entity in the Cost Control parameters with the parameter **Progress and estimate dataset**.

My view ▾

Cost Control parameters

General

Cost groups

Indirect cost template

Default category unit

Set up Cost Control parameters

General parameters

Enable budget mutations ☒ Yes

Allow transactions with descend... ☐ No

Budgeting method Cost Control ▾

Adjust column visibility

For simplified progress and estimate datasets, it is now possible to adjust which columns are being shown and in which order. This can be done in the “Cost Control parameters” in the section “Progress and estimates”.

My view ▾

Cost Control parameters

General

Cost groups

Indirect cost template

Default category unit

Cost breakdown structure

Item & Expense distribution

Adjustment request

Project stage control

Progress and estimates

Number sequences

Setup progress and estimate column visibility

Simplified progress and estimate column setup

CURRENT DATASET

Move up Move down Reset display order

Display or...	Progress field	Visible
<input checked="" type="checkbox"/>	CBS description	<input type="checkbox"/>
<input type="checkbox"/>	Category name	<input type="checkbox"/>
<input type="checkbox"/>	1 Number budgeted	<input type="checkbox"/>
<input type="checkbox"/>	2 Amount budgeted	<input checked="" type="checkbox"/>
<input type="checkbox"/>	3 Planned costs	<input checked="" type="checkbox"/>
<input type="checkbox"/>	4 Actual planned value	<input type="checkbox"/>
<input type="checkbox"/>	5 Actual costs	<input type="checkbox"/>
<input type="checkbox"/>	6 Hard Committed	<input checked="" type="checkbox"/>

PREVIOUS DATASET

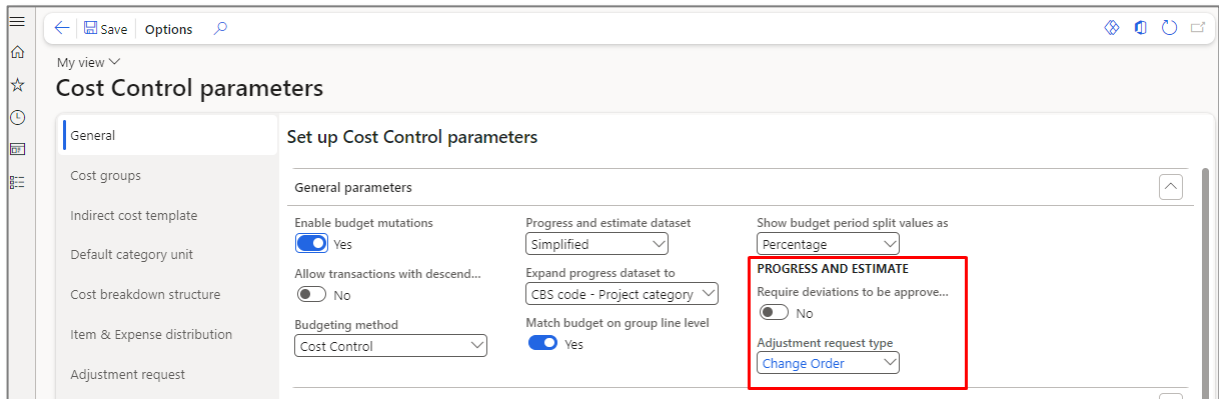
Move up Move down Reset display order

Display or...	Progress field	Visible
<input checked="" type="checkbox"/>	1 Number budgeted	<input type="checkbox"/>
<input type="checkbox"/>	2 Amount budgeted	<input type="checkbox"/>
<input type="checkbox"/>	3 Planned costs	<input type="checkbox"/>
<input type="checkbox"/>	4 Actual planned value	<input type="checkbox"/>
<input type="checkbox"/>	5 Actual costs	<input type="checkbox"/>
<input type="checkbox"/>	6 Hard Committed	<input type="checkbox"/>
<input type="checkbox"/>	7 AC+HC	<input type="checkbox"/>
<input type="checkbox"/>	8 Compl. QTY	<input type="checkbox"/>

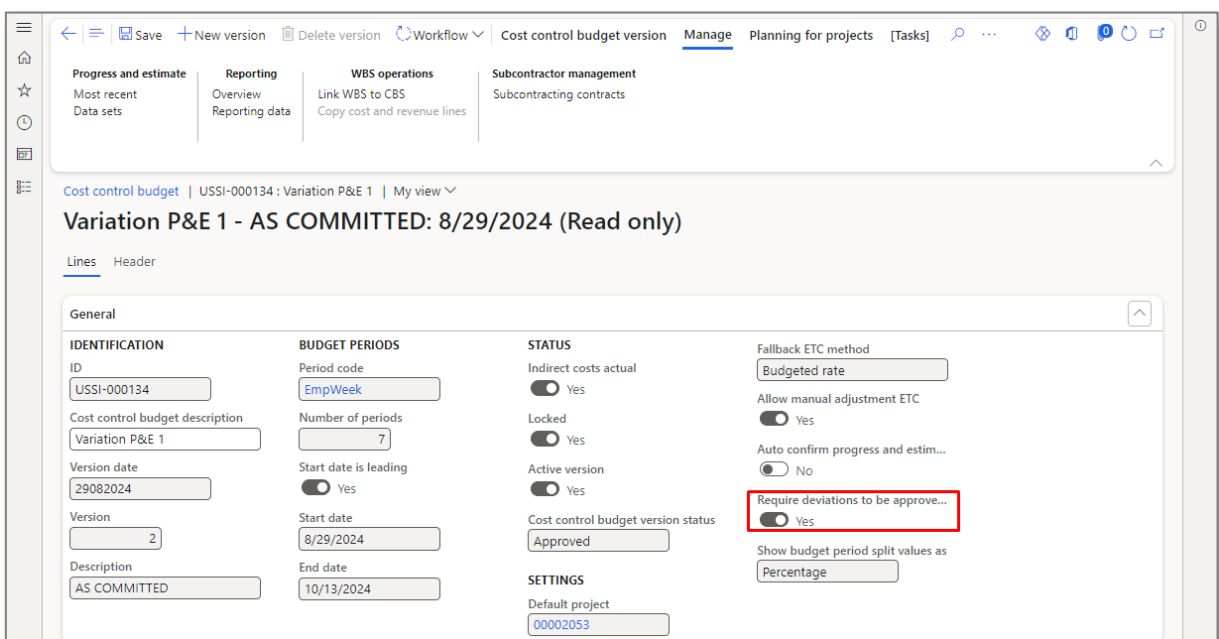
Adjusting which columns should be visible and in which order is not only possible for the actual data in the progress and estimate dataset, but also for the previous dataset should be shown. This allows user to compare the current data with a previous dataset. Data from previous datasets will be shown as white columns.

Adjustment requests for progress and estimate deviations.

Organizations can automatically create an adjustment request when estimated variations exists on a progress and estimate dataset and the dataset is being confirmed. This feature can be enabled in the “Cost Control parameters” with the ability to select the “Adjustment request type”.



The “Adjustment request type” can also be configured per Cost Control budget.



The created adjustment request type will contain new budget lines with amounts corresponding to the variances in the progress and estimate dataset. The budget lines will copy the budget period split from the originating budget line.

When an adjustment request is created for variations on a confirmed progress and estimate dataset, a new progress and estimate dataset can only be created when the adjustment request is approved or declined.

Automatically create and confirm progress and estimate datasets

Progress and estimate datasets can be created and confirmed automatically by using a period task.

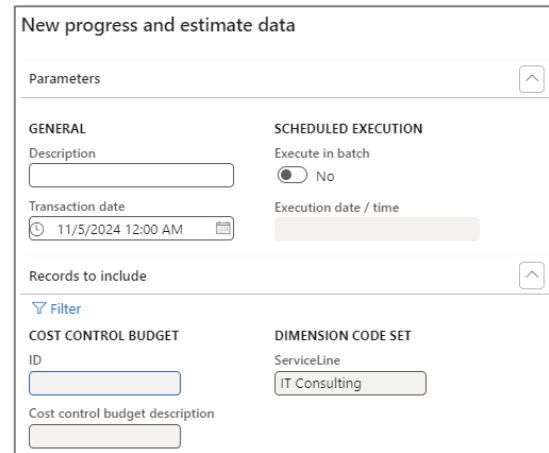
Create progress and estimate datasets

A periodic task is available which can be scheduled to run at predefined dates. The periodic task can be found via *Project management and accounting* → *Periodic* → *Cost Control* → *New progress and estimate data*.

The periodic task can be created on request, but also be scheduled at a specific moment.

Note: if progress and estimate datasets need to be created at months end, make sure to schedule one periodic task per month and select the last date of the month as the transaction date.

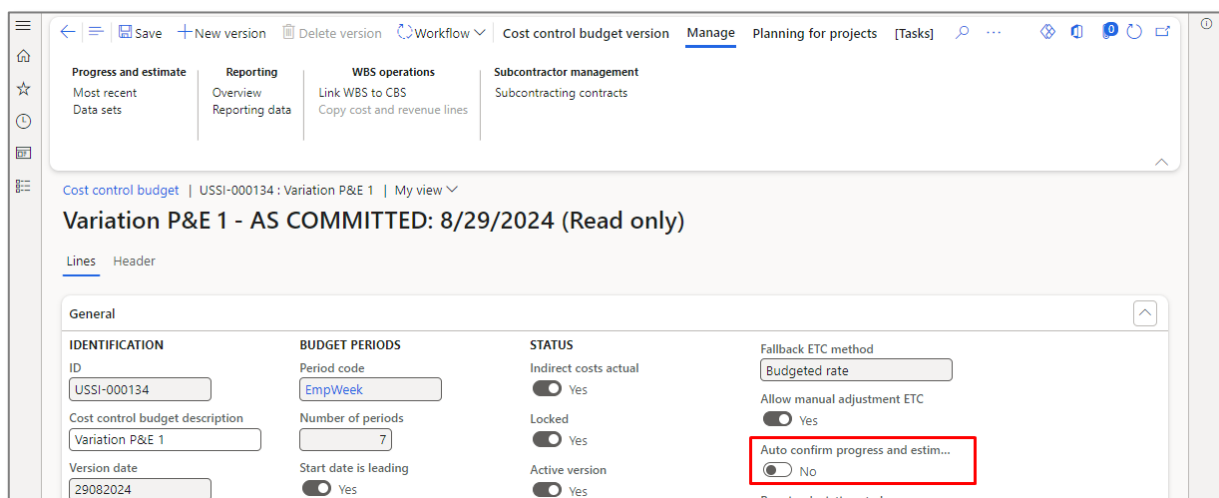
In addition, filters can be used to select Cost Control budgets based on e.g. project financial dimension as Service Line.



Confirm progress and estimate datasets

Next to the automatic creation of a progress and estimate dataset, it is also possible to define if a generated progress and estimate dataset should be confirmed automatically per cost control budget.

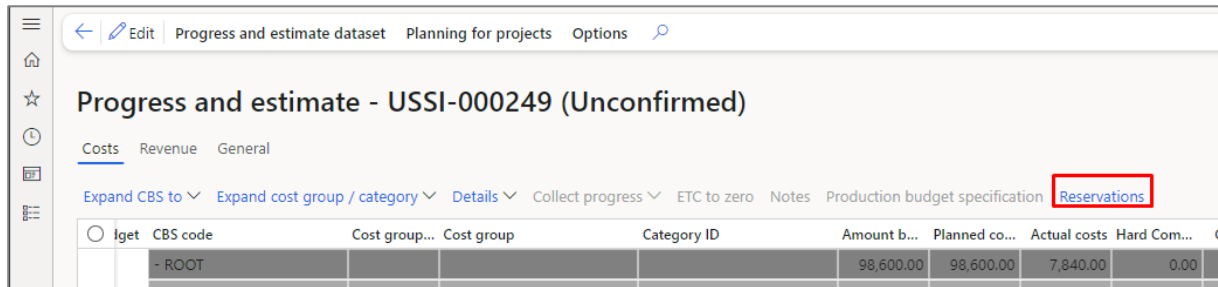
This can be done by setting the “Auto confirm progress and estimated dataset” toggle to yes.



Reserve amounts

It is possible to manually reserve budget amounts in a “Progress and estimate dataset”.

This reserved amount can be used to deduct the non-committed cost amount and shown in reporting that a part of the budget is reserved for a specific purpose.



Reservations can be created from the progress and estimate dataset by using the **Reservations** action. In the reservations form existing reservations can be shown, but new ones can be created as well.

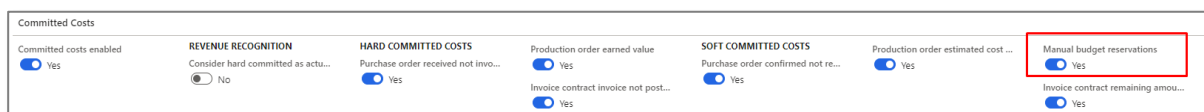


Reservations will be shown in the progress and estimate dataset related to the CBS code and category selected on the reservation.

CBS code	Cost group...	Cost group	Category ID	Amount b...	Planned co...	Actual costs	Hard Com...	Compl. QTY	Earned value	PoC (%)	CPI	SPI	ETC QTY	EAC QTY	ETC value	Soft Com...	Non Com...	Reserved	EAC value
ROOT				98,600.00	98,600.00	7,840.00	0.00	0.00000	8,920.00	9	0.00	0.00	0.00000	29,880.00	0.00	27,180.00	2,500.00	2,500.00	37,520.00
02 ENGINEERING				26,600.00	26,600.00	6,840.00	0.00	0.00000	7,920.00	30	0.00	0.00	0.00000	18,680.00	0.00	16,180.00	2,500.00	2,500.00	25,520.00
02E.ELEC				26,600.00	26,600.00	6,840.00	0.00	0.00000	7,920.00	30	0.00	0.00	0.00000	18,680.00	0.00	16,180.00	2,500.00	2,500.00	25,520.00
	DIRECT LABOR	Direct Labor	-	21,600.00	21,600.00	6,840.00	0.00	0.00000	7,920.00	37	0.00	0.00	0.00000	13,680.00	0.00	13,680.00	0.00	0.00	20,520.00
		Direct Labor	Design	21,600.00	21,600.00	6,840.00	0.00	44.00000	7,920.00	37	1.16	0.37	76.00000	120.00000	13,680.00	0.00	13,680.00	0.00	20,520.00
	SUBCON...	Subcontracting	-	5,000.00	5,000.00	0.00	0.00	0.00000	0.00	0	0.00	0.00	0.00000	5,000.00	0.00	2,500.00	2,500.00	5,000.00	5,000.00
		Subcontracting	SubContract	5,000.00	5,000.00	0.00	0.00	0.00000	0.00	0	0.00	0.00	100.00000	100.00000	5,000.00	0.00	2,500.00	2,500.00	5,000.00
03 MANUFACTURING				72,000.00	72,000.00	1,000.00	0.00	0.00000	0.00	0	0.00	0.00	0.00000	0.00	0.00	0.00	0.00	0.00	0.00

There is no option to link a reservation with e.g. a purchase order. If an amount is reserved for a purchase order, the reservation needs to be updated manually after the creation of the purchase order to avoid data duplicates. Adjusting a reservation can be done in the reservation form. Deleting a reservation will mark the reservation as “Ended”. The reservation will be cleared if a new budget version is created but can be copied over if needed.

The ability to create reservations can be enabled in the Cost Control parameters.



New ETC calculation method: Remaining Commitment

A new ETC calculation method, Remaining Commitment is introduced with this version of Axtension® Project Controlling.

ETC method Remaining Commitment is useful for categories, cost groups and CBS codes related to purchase orders or production orders. With ETC calculation Remaining Commitment method the ETC will be calculated from the sum of the soft committed amount and reserved amount.

Calculation of the EAC and variance is not changed with this new ETC calculation method.

The Fallback ETC method can configured per legal entity in the “Cost control parameters or per Cost control budget.

Cost Control parameters

General

Set up Cost Control parameters

General parameters

Enable budget mutations ☒ Yes

Budgeting method

Expand progress dataset to

Show budget period split values as

Allow transactions with descendants ☒ No

Progress and estimate dataset

Match budget on group line level ☒ Yes

PROGRESS AND ESTIMATE

Require deviations to be approved via ... ☒ No

Adjustment request type

ETC calculation

Fallback ETC method

Allow manual adjustment ETC ☒ Yes

Cost control budget | USSI-000156 : Demo Project | Standard view

Demo Project - Version 1 - 11/6/2024: 11/6/2024 (Editable)

Lines Header

General

IDENTIFICATION

ID

Version

Description

Cost control budget description

Version date

BUDGET PERIODS

Period code

Start date

End date

STATUS

Indirect costs actual ☒ Yes

Locked ☒ No

Active version ☒ No

Cost control budget version status

SETTINGS

Default project

Fallback ETC method

Allow manual adjustment ETC ☒ Yes

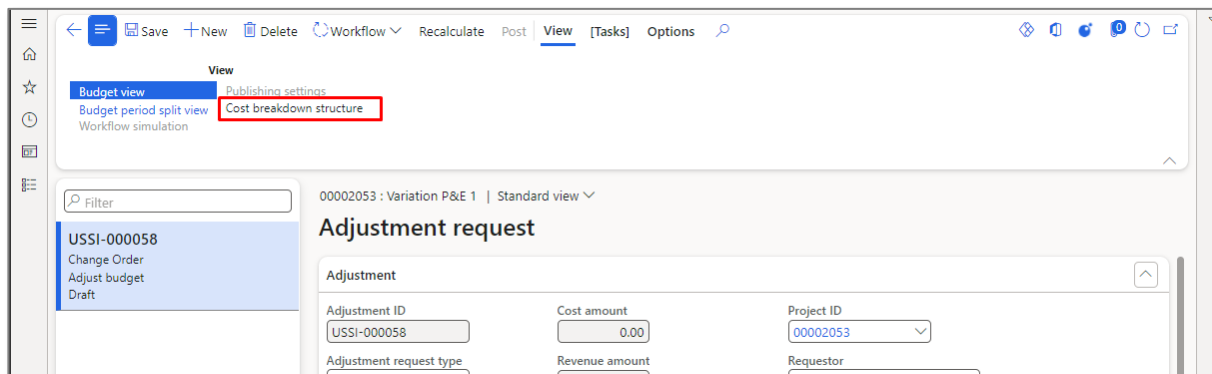
Auto confirm progress and estimate d... ☒ No

Require deviations to be approved via ... ☒ No

Show budget period split values as

Change Cost Breakdown Structure via an adjustment request

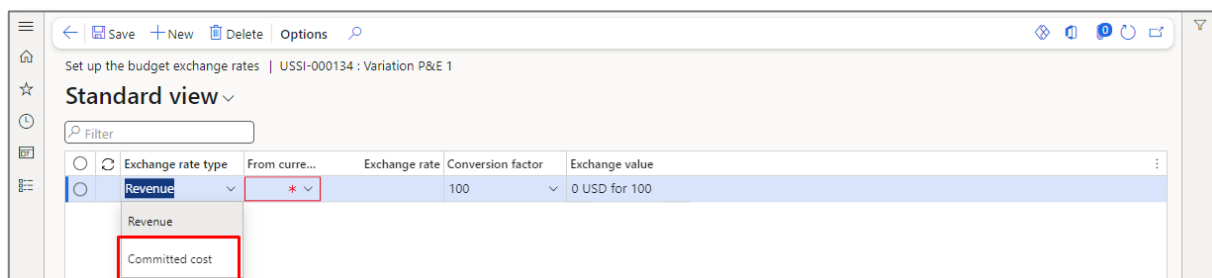
It is now possible to adjust the Cost Breakdown Structure of a Cost Control budget via an adjustment request, without creating a new budget version. In the “Adjustment request” form the Cost Breakdown structure can be viewed or edited.



Changes on the Cost Breakdown Structure will be applied after the approval of the adjustment request.

Conversion rates for committed costs

Exchange rates can be set for committed costs. In the “Set up the budget exchange rates” form, the “Committed cost” is available as the “Exchange rate type” for exchange rates destined to be used for committed costs.



If an exchange rate is set for committed costs, any cost committed value is shown based on the exchange rate instead of the price of the purchase order and/or production order.

The exchange rate is not date controlled. When updated, all converted values for the budget will be calculated accordingly.

Distribute budget period split based on amounts

The budget period split can be based on percentages and amounts. The “Show budget period split values as” parameter can be configured in the Cost Control budget.

Cost control budget | USSI-000134: Variation P&E 1 | My view

Variation P&E 1 - Version 3 - 11/5/2024: 11/5/2024 (Editable)

Lines Header

General

IDENTIFICATION

ID
USSI-000134

Cost control budget description
Variation P&E 1

Version date
05/11/2024

Version
3

Description
Version 3 - 11/5/2024

BUDGET PERIODS

Period code
EmpWeek

Number of periods
7

Start date is leading
☒ Yes

Start date
8/29/2024

End date
10/13/2024

STATUS

Indirect costs actual
☒ Yes

Locked
☒ No

Active version
☒ No

Cost control budget version status
Draft

SETTINGS

Default project
00002053

Fallback ETC method
Budgeted rate

Allow manual adjustment ETC
☒ Yes

Auto confirm progress and estim...
☒ No

Require deviations to be approve...
☒ Yes

Show budget period split values as
Percentage
Percentage
Amount

When the parameter is set to “Amount”, amounts can be used instead of percentages in the budget period split grid.

Budget period split

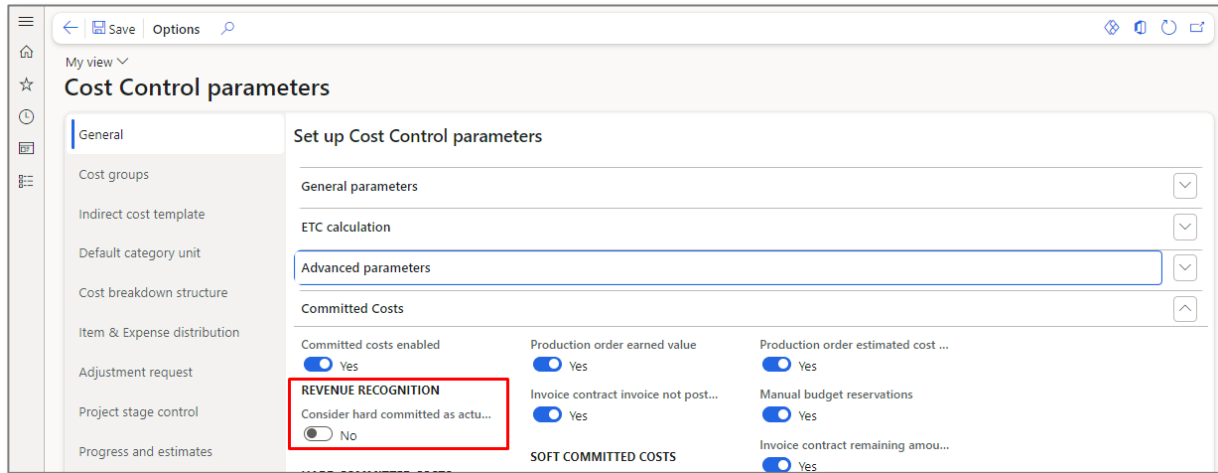
⚙ Distribute equally ⚙ Distribute from WBS

		Description	Amount	Remaining	1 - 8/26/20...	2 - 9/2/2024	3 - 9/9/2024	4 - 9/16/20...	5 - 9/23/2...	6 - 9/30/2...	7 - 10/7/20...	
<input checked="" type="radio"/>	Labor	Project Management	4,000.00	0.00	1,333.60		888.80	1,333.20	444.40			
<input type="radio"/>	Contracting	Subcontracting Scaffolding	10,000.00	0.00	10,000.00							
<input type="radio"/>	Labor	Software Design	7,200.00	0.00	959.76	2,400.48	2,399.76	1,440.00				
<input type="radio"/>	Labor	Software Design	7,200.00	0.00	959.76	2,400.48	2,399.76	1,440.00				
<input type="radio"/>	Contracting	Subcontracting Scaffolding	10,000.00	0.00	10,000.00							

Changing the parameter to “Percentage”, will calculate the values in the budget period split grid as percentages based on the entered amounts. The same will happen when percentages are entered, and the parameter is changed to “Amount”.

Use hard committed costs as actual costs in revenue recognition

With the parameter “Consider hard committed as actuals” in the “Cost Control parameters”, hard committed costs will be used as actual costs instead of being used to calculate the “Cost to complete” in revenue recognition.



The screenshot shows the 'Cost Control parameters' configuration page. The 'Advanced parameters' section is expanded, showing the 'REVENUE RECOGNITION' group. The 'Consider hard committed as actuals' parameter is highlighted with a red box and is currently set to 'No'.

Enabling the parameter “Consider hard committed as actuals” will use hard committed costs on a confirmed progress and estimate dataset as actual cost in revenue recognition and will calculate the percentage of completion in revenue recognition by including the hard committed costs.

Note:

Caution is advised when enabling this parameter. Organizations that want to calculate the revenue by including hard committed costs will have to correct ledger transactions manually to avoid balance issues.