KwixApp

MULTIPLE BUDGET REPORTING

FOR D365 BUSINESS CENTRAL

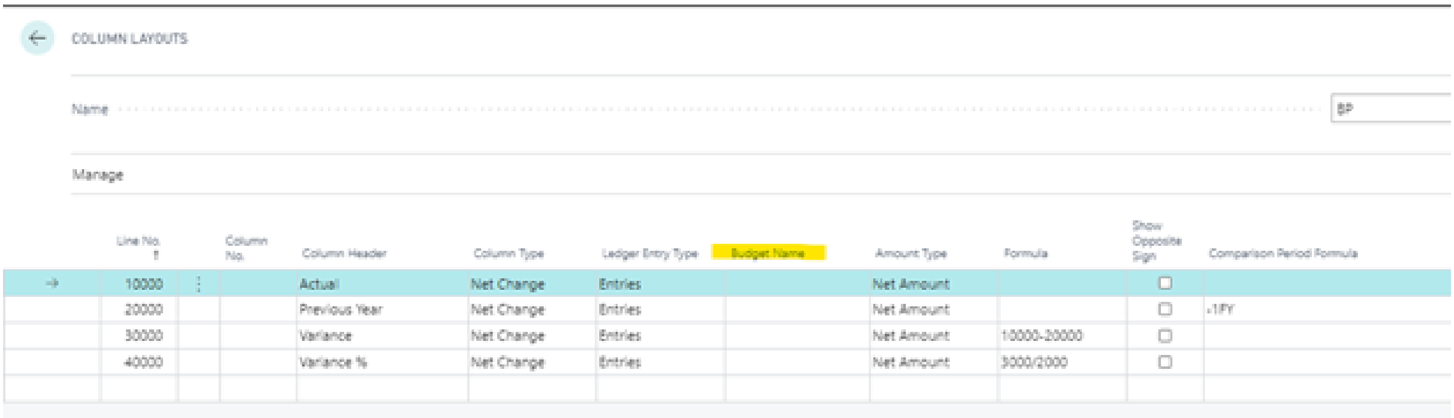
Help Documentation

- Multiple Budgets
- Launching Account Schedules Overview
- Account Schedules Security Setup

Kwixand Solutions

Multiple Budgets in Column Layouts

Once you have installed the application, you will notice that there will now be a Budget Name column against the column layouts.


COLUMN LAYOUTS

Name BP

Manage

Line No.	Column No.	Column Header	Column Type	Ledger Entry Type	Budget Name	Amount Type	Formula	Show Opposite Sign	Comparison Period Formula
10000		Actual	Net Change	Entries		Net Amount		☐	
20000		Previous Year	Net Change	Entries		Net Amount		☐	-1FY
30000		Variance	Net Change	Entries		Net Amount	10000-20000	☐	
40000		Variance %	Net Change	Entries		Net Amount	3000/2000	☐	

The Budget Name should be set for all Budget entry type columns in all column layouts.

Launch Account Schedule Overview Using URL Parameters

The Account Schedule Overview Launcher provide users URLs that can be used to launch into the D365 Business Central Account Schedule Overview directly.

Example URLs

https://businesscentral.dynamics.com/{tenant id}/{instance}?Page=50510&accountschedulename=DASHBOARD&datefilter=2020-03-01..2020-03-31

https://businesscentral.dynamics.com/{tenant id}/{instance}?Page=50510&accountschedulename=08- PPSD&periodtype=5&datefilter=2020-03-01..2020-03-31

Base URL

Production Environment
https://businesscentral.dynamics.com/{tenant id}

UAT Environment
https://businesscentral.dynamics.com/{tenant id}/{instance}

Parameters

- Parameters are included as part of the URL to direct users to the specific filtered data that they need to view. Some parameters are required, some are optional and others are optional but recommended.
- Supplied parameters names MUST always be in lowercase in the URL.
- Parameter values should be provided in uppercase, or match with Business Central values as appropriate.
- Between each parameter (excluding the first page parameter) you must use an ampersand (&).

Read on for a description and usage of available parameters.

Launch Account Schedule Overview Using URL Parameters

page

*Required

The Page ID of the Account Schedule Launcher page is required so that the user is directed to this page, without this parameter, all other parameters will not be read and the user will not be directed to the Account Schedule Overview page.

After the base URL and before the first parameter, you must use a question mark ?

Usage:

?page=50510

accountschedulename

*Required

This parameter will control what Account Schedule is loaded in the overview.
Suggestion: Spaces and special characters should be avoided in Account schedule names. They will generally work but care must be taken when generating the URLs so that the full URL is included. Spaces tend to cause a break in the URL creation.

Usage:

&accountschedulename=08 - PPSD

datefilter

*Required

This parameter controls the date period that is presented in the overview. The format of this parameter should be from date then 2 periods (..) then to date.

Caution: the date settings of the user could affect the interpretation of this datefilter if they have date their date settings set to something where there is a conflict. To resolve this, either get the user to change their date settings or change the format of the datefilter provided to that user.

Usage:

&datefilter=2020-03-01..2020-03-31

periodtype

*Optional *Recommended

This parameter controls what time period view the overview is presented as. It is recommended to provide this parameter to control the time period view.

Possible values are: 0, 1, 2, 3, 4, 5

Value	Description
0	Day
1	Week
2	Month
3	Quarter
4	Year
5	Accounting Period

Usage:

&periodtype=5

columnlayout

*Optional

This parameter will control what Column layout is presented in the overview. If this parameter is not included, the default column layout set against the Account Schedule will be used.

Usage:

&columnlayout=EGBC-BR

dim1filter

*Optional

This parameter controls the dimension 1 filter for the entire Account Schedule. This only needs to be provided if the Account Schedule the user is running allows multiple values and should be filtered for the initial view.

Usage:

&dim1filter=500

dim2filter

*Optional

This parameter controls the dimension 2 filter for the entire Account Schedule. This only needs to be provided if the Account Schedule the user is running allows multiple values and should be filtered for the initial view.

Usage:

&dim2filter=5002

dim3filter

*Optional

This parameter controls the dimension 3 filter for the entire Account Schedule. This only needs to be provided if the Account Schedule the user is running allows multiple values and should be filtered for the initial view. This filter is only used if Analysis views are being used.

Usage:

&dim3filter=5002

Launch Account Schedule Overview Using URL Parameters

dim4filter

*Optional

This parameter controls the dimension 4 filter for the entire Account Schedule. This only needs to be provided if the Account Schedule the user is running allows multiple values and should be filtered for the initial view. This filter is only used if Analysis views are being used.

Usage:

&dim4filter=5002

glbudgetfilter

*Optional

This parameter controls the budget that is used for Budget entry columns. This parameter is only required if Budget filtering is needed on the report.

Note: if budget name is set in the column layout, this parameter will have no effect on the Budget entry columns where the budget name is set.

Usage:

& glbudgetfilter=FY2021

costcentrefilter

*Optional

This parameter controls the cost center filter for the entire Account Schedule. This only needs to be provided if the Account Schedule the user is running requires filtering on cost centre and cost centers are implemented in Business Central.

Usage:

& costcentrefilter=ABC

costobjectfilter

*Optional

This parameter controls the cost object filter for the entire Account Schedule. This only needs to be provided if the Account Schedule the user is running requires filtering on cost object and cost objects are implemented in Business Central.

Usage:

& costobjectfilter=ABC

cashflowfilter

*Optional

This parameter controls the cash flow filter for the entire Account Schedule. This only needs to be provided if the Account Schedule the user is running requires filtering on the cash flows and the cash flows are implemented in Business Central.

Usage:

& cashflowfilter=ABC

costbudgetfilter

*Optional

This parameter controls the cost budget filter for the entire Account Schedule. This only needs to be provided if the Account Schedule the user is running requires filtering on cost budgets and cost budgets are implemented in Business Central.

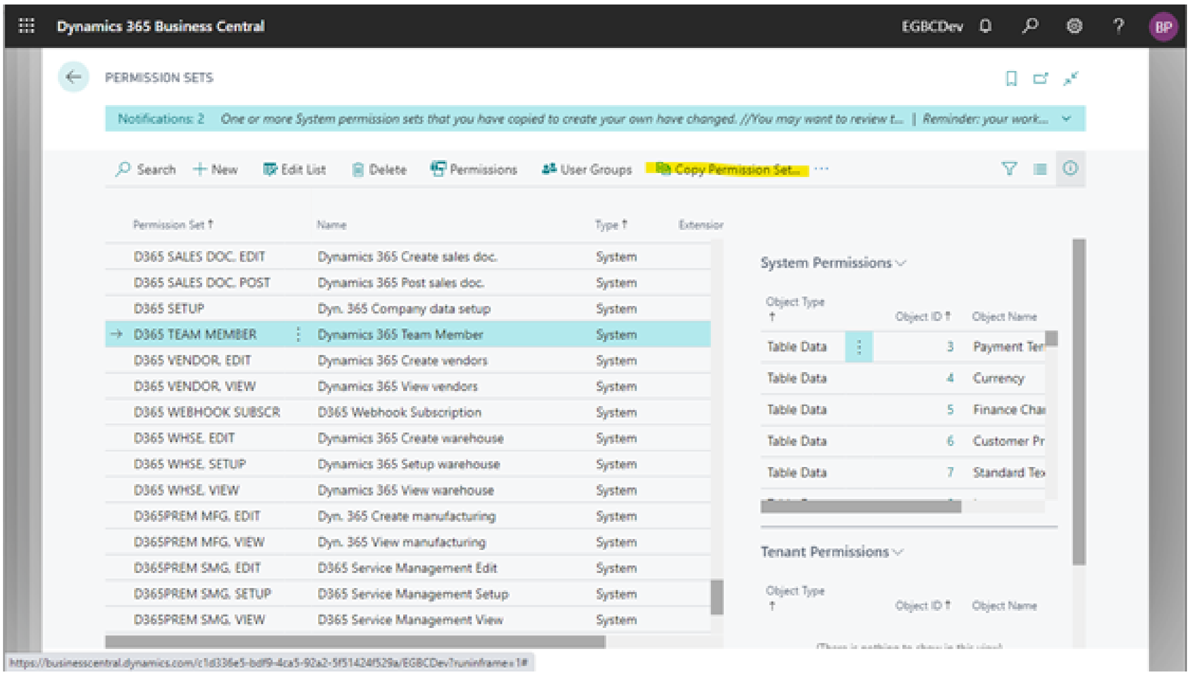
Usage:

& costbudgetfilter=ABC

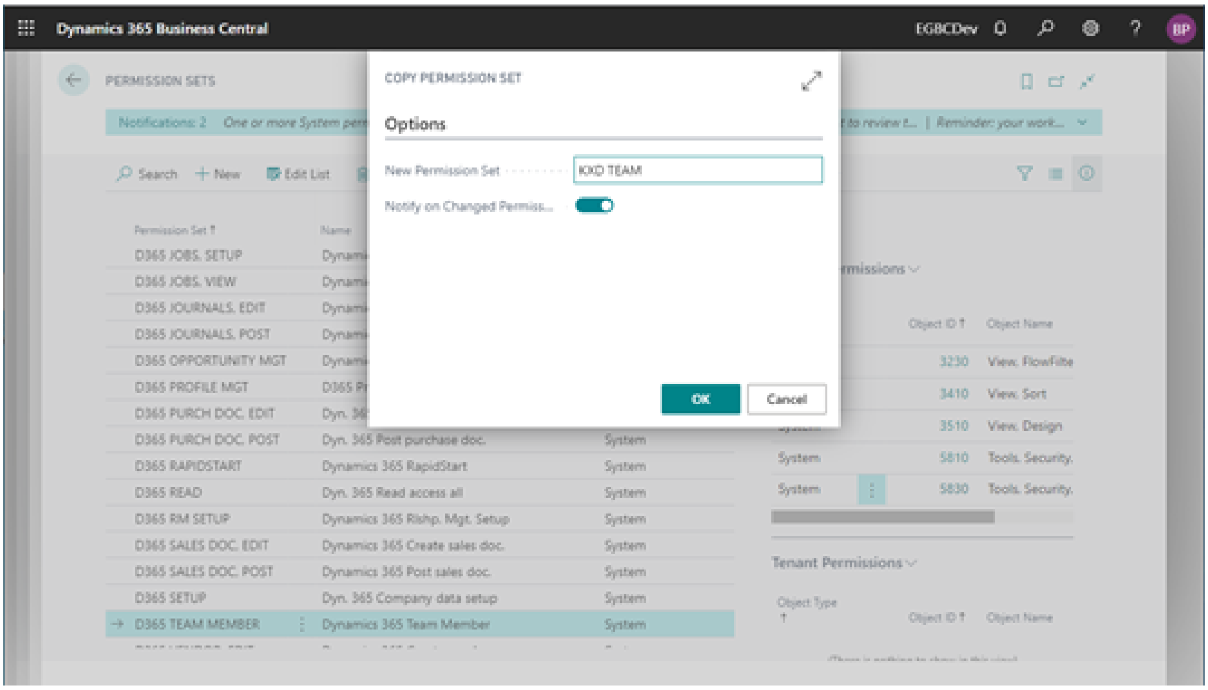
Security on Account Schedules

Users launching directly into Account Schedules may need to have their security limited. Once in Account Schedules, the user could change the account schedule being viewed so you will need to set row level filtering against the security roll. Recommended set up of Team users is as follows:

1. Copy the D365 TEAM MEMBER Permission. The system permission set allows read access to most of the data in the system.

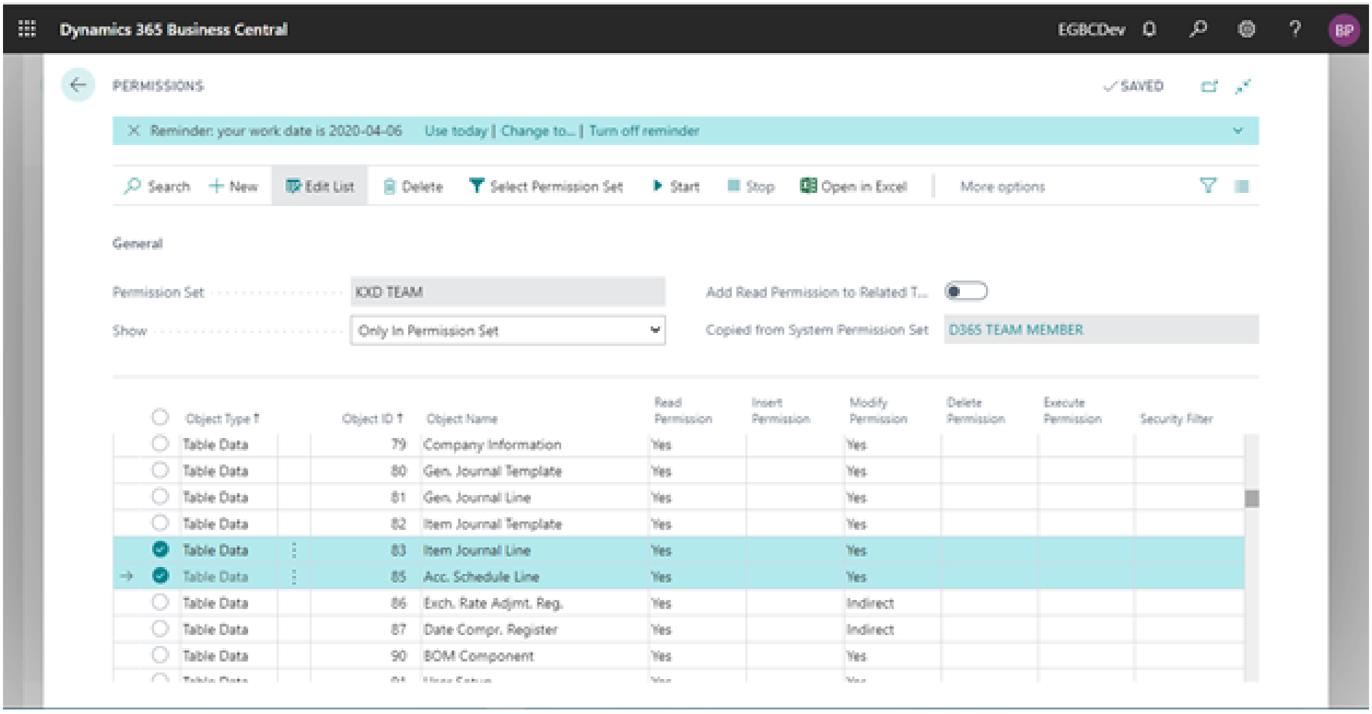


2. Name the new permission set as required.

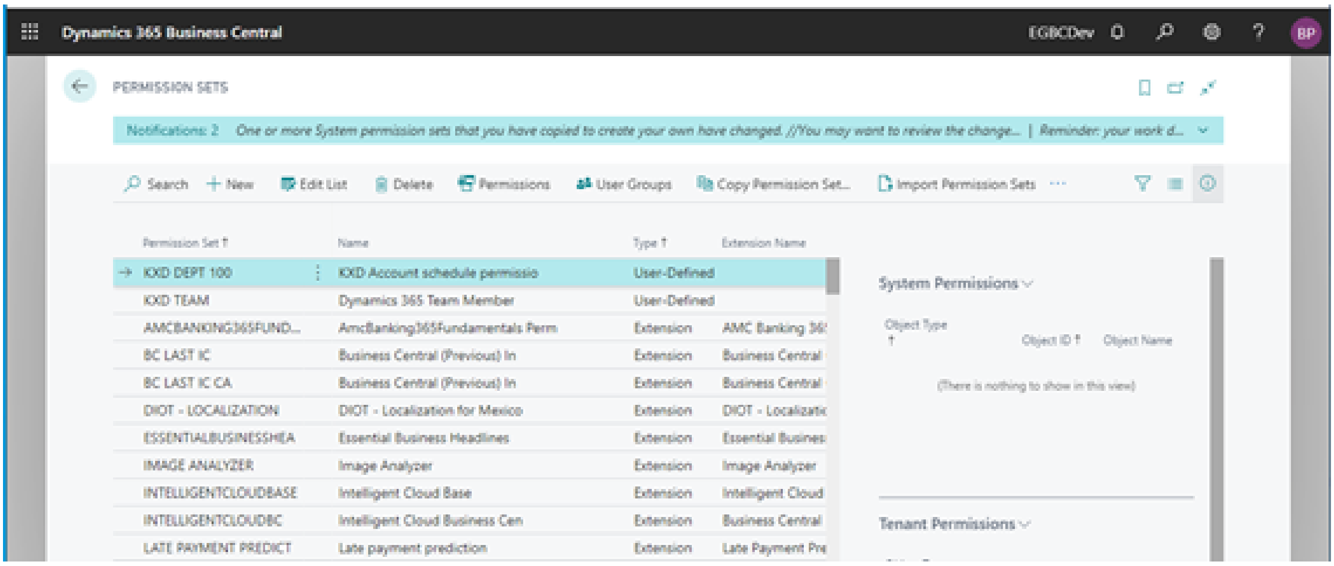


Security on Account Schedules

3. The permissions can then be updated to match the required access level of all team users. In this case, we are making sure that the access to Table Data – Object ID 84 Acc. Schedule Name is not set against this General Teams user group.

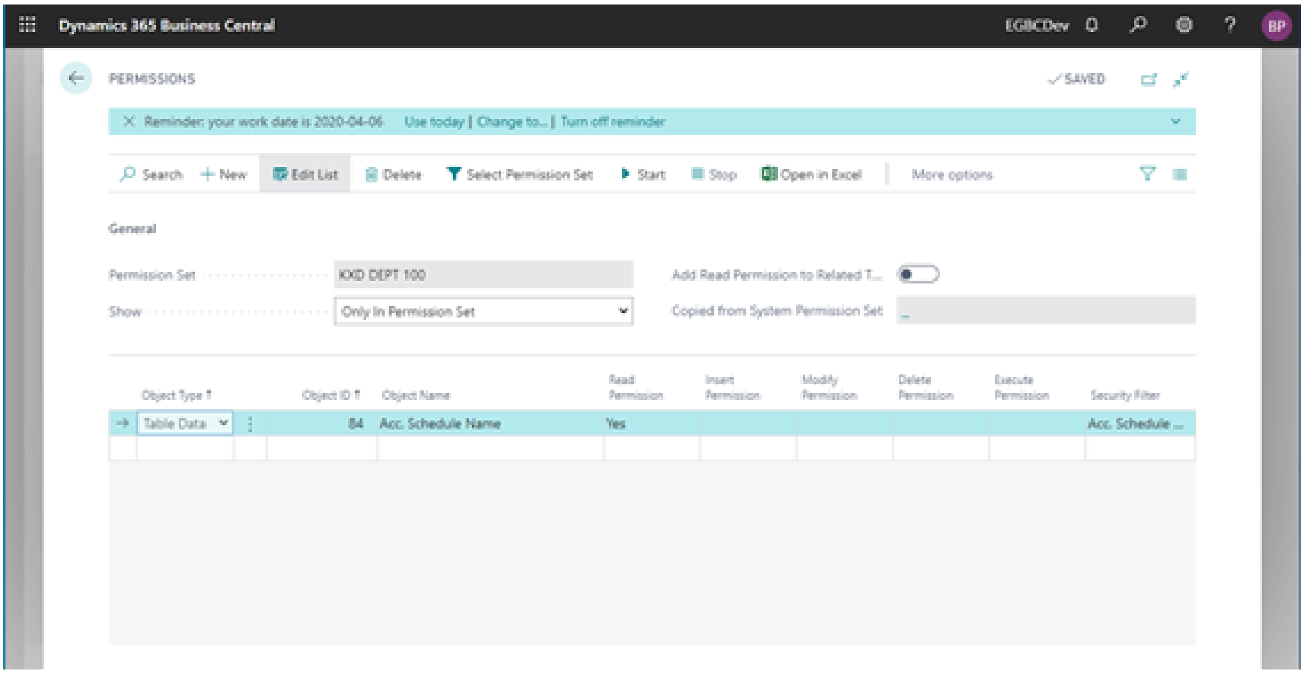


4. Create a new permission set that will have permissions specific to the department.

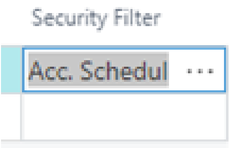


Security on Account Schedules

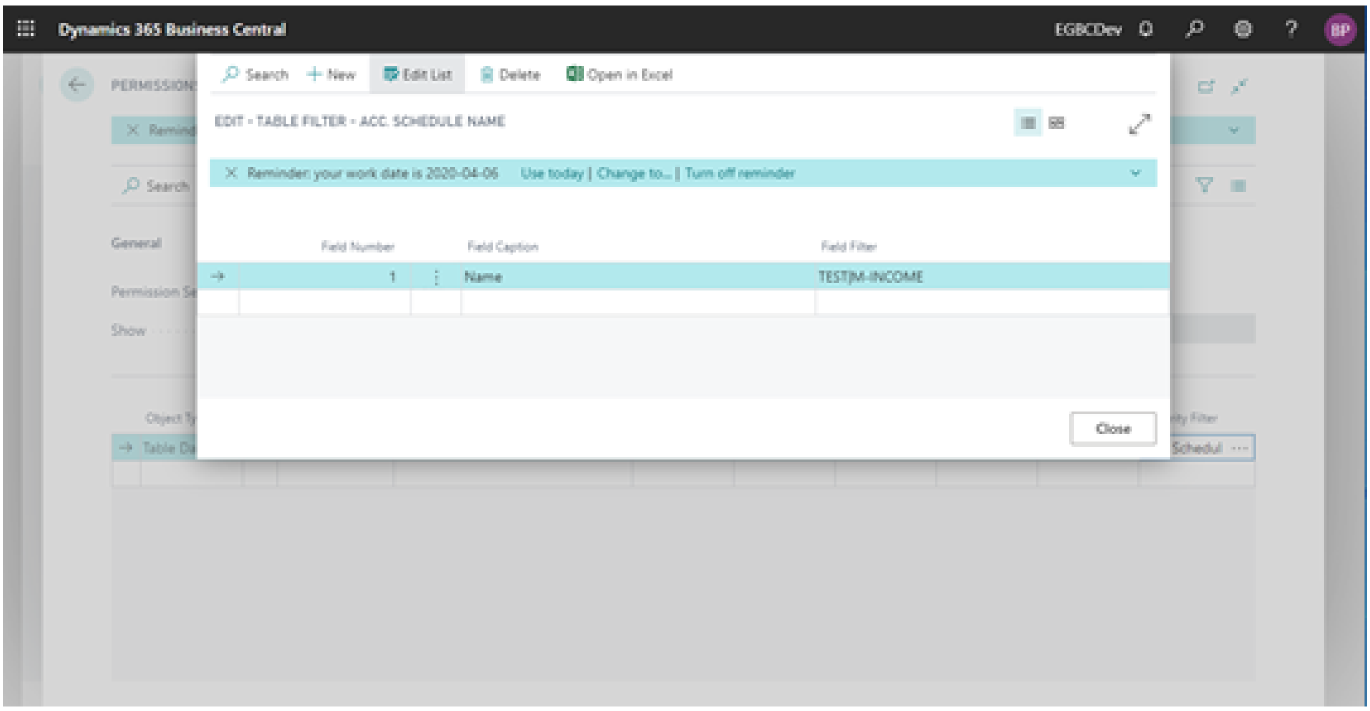
5. In the permissions for that permission set you will set all team/Dept specific permissions. In this case we are setting permissions for Table Data – Object ID 84 – Acc. Schedule Name. We set Read permissions.



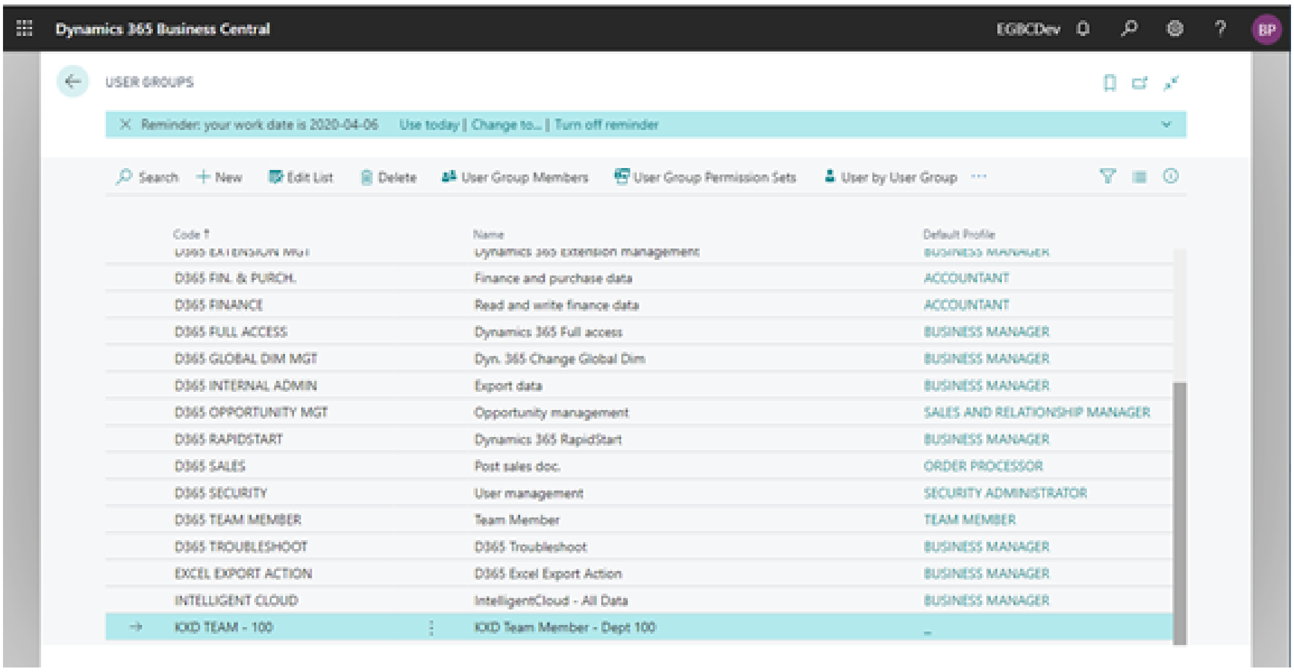
6. Click on the Security Filter column and then click the ellipses to set the Security Filter.



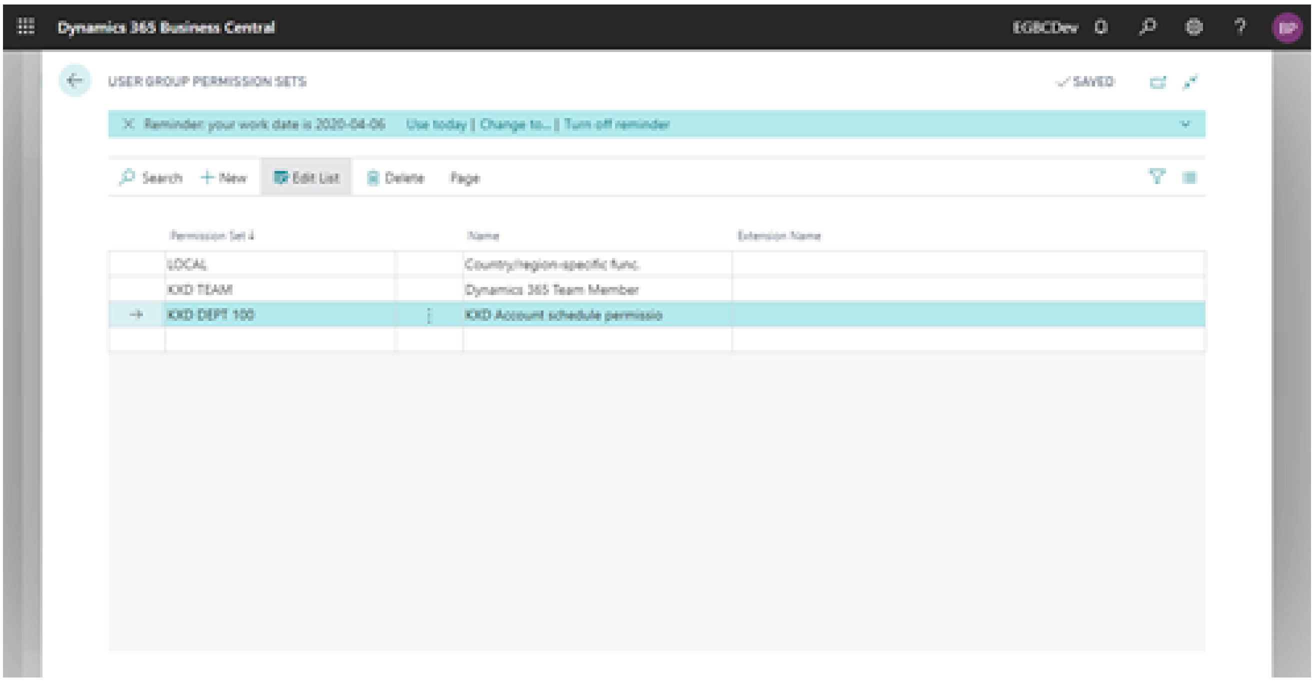
7. Here we will set the filter based on Field Number 1 – Name and only allow the account schedule named TEST or M-INCOME. Once complete, you can exit the permission sets setup.



8. Next we will set up a user group. In this case, we named it KXD TEAM - 100.



9. Click on User Group Permission Sets to add the required Permission Sets. Here we have added the LOCAL permission set, the KXD TEAM permission set to add all generic permissions, and the KXD DEPT 100 permission set to add the department specific permission set and account schedule filter.

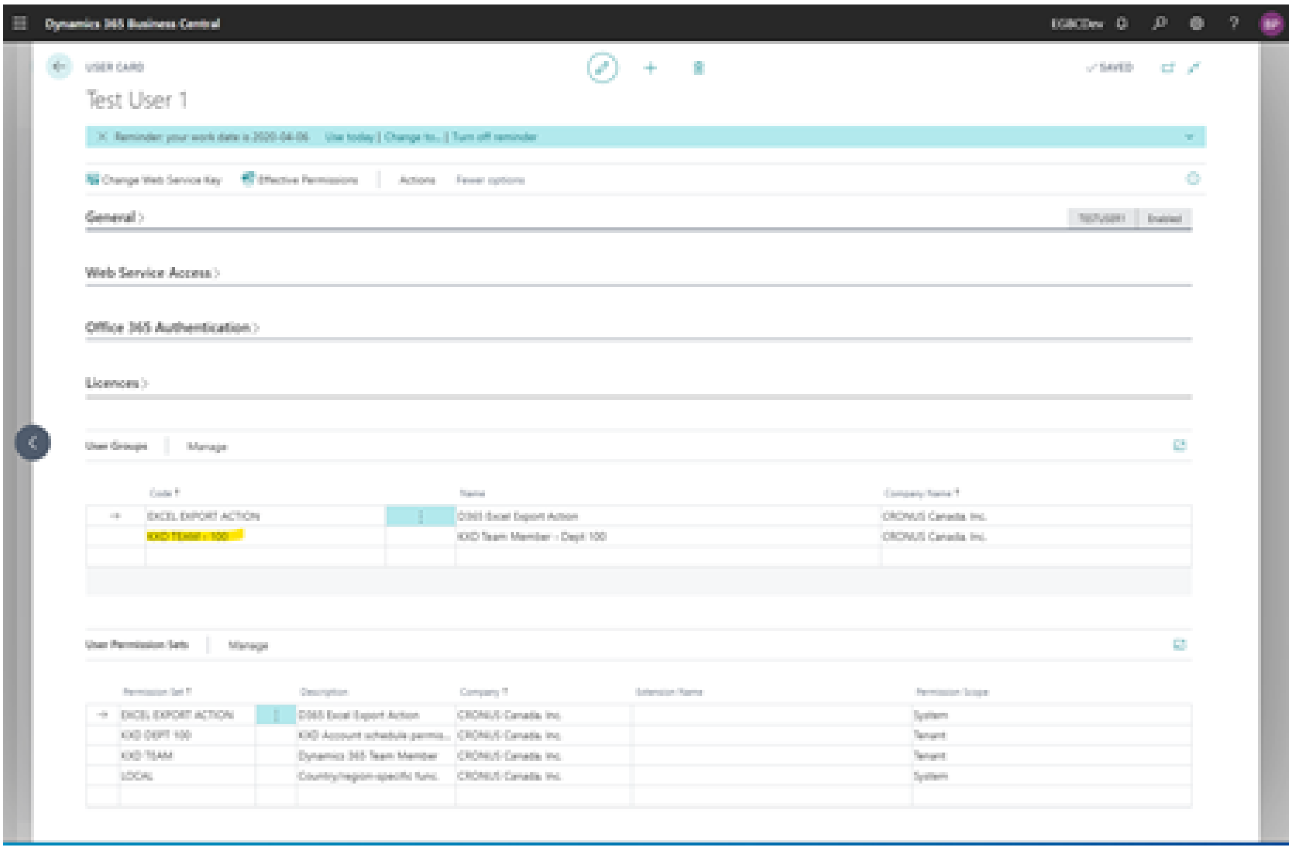


Security on Account Schedules

10. The last step is to assign the User Group to the User. When the User group is added or removed from the user, the corresponding permission sets are added or removed from the user as well.

- In this example, we have added the KXD TEAM – 100 user group, which has automatically added the KXD DEPT 100, KXD TEAM and LOCAL permission sets.

- We also allow the user to export to excel which is controlled by the EXCEL EXPORT ACTION User group and EXCEL EXPORT ACTION permission set.



Security on Account Schedules

11. Based on this security set up, the user is able to use the URL to get into the account schedule and if they browse on Account Schedules, they will only see Account schedules they have been granted access to.