

Accruals and Simulated General Ledger

Post simulated entries
in Microsoft Dynamics 365 Business Central



Accruals and Simulated General Ledger

App for Microsoft Dynamics 365 Business Central

Post simulated entries linked to the Chart of Accounts in Dynamics 365 Business Central.



Do you need to post entries with or without accruals, on separate tables, that do not impact on the general journal? Do you want to make interim financial statements? Would you like to take the depreciation of fixed assets into the simulated ledger? Do you need to import the simulated entries into the General Journal at the end of the fiscal year?

How it works

In the Accruals and Simulated General Ledger app:

- It is possible to post entries WITH or WITHOUT accruals, on separate tables, that do not impact on the general Journal
- The separate accounting allows interim financial statements to be made
- It is possible to take the depreciation of fixed assets into the simulated ledger

Moreover, it is possible to manage accruals and deferrals, spreading over the months, quarters, semesters, etc. portions of costs and revenues that have already had an economic-monetary manifestation (deferrals) or that have yet to have economic-monetary expression (accrued).



Quick Guide

Ready to go in 4 steps

1. Set the competence dates
2. Edit an accrual template
3. Post invoices with accruals
4. View simulated entries in Chart of Accounts



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The posting of infra-annual accruals and deferrals takes place using simulated registrations.

Invoice with accruals

Let's see how the accruals are posted by the system. For example, we make a sale: 1022 · Candoxy Canada Inc.

We c

Posting Prepare Invoice Release Request Approval Show Attached Actions Navigate Less options

General Show more

Customer Name: Candoxy Canada Inc. Posting Date: 1/23/2020 Operation Type: EST-FN-VEN
 Contact: Mr. Rob Young Due Date: Activity Code: 123458
 Operation Occurred: 1/23/2020

Lines Manage More options

TYPE	NO.	DESCRIPTION	QUANTITY	UNIT PRICE EXCL. VAT	LINE AMOUNT EXCL. VAT	ACCRUAL TEMPLATE	ACCRUAL STARTING DATE	ACCRUAL ENDING DATE	ACCRUAL PERIOD
G/L Account	8320	Prof. consultancy costs.	1	1,200.00	1,200.00	MONTHLY	2/2/2019	2/2/2020	Monthly

Subtotal Excl. VAT (CAD) 1,200.00 Total Excl. VAT (CAD) 1,200.00
 Inv. Discount Amount Excl. VAT (C... 0.00 Total VAT (CAD) 120.00
 Invoice Discount % 0 Total Incl. VAT (CAD) 1,320.00

Invoice Details Show more

Currency Code: CAD Bank Account: Transaction Type:
 Shipment Date: 1/23/2020 Cumulative Bank Re... Department Code: VENDITE

From the Chart of Accounts, *Navigate* > *Account* - > *Sim. Ledger Entries*, we can see the simulated posting done by the system.

Dynamics 365 Business Central General Ledger Entries > Chart of Accounts

CRONUS Italy

Chart of Accounts

Search + New Edit List X Delete Manage Process Report Show Attached Open in Excel Actions Navigate

Account	Balance	BALANCE (SIM)	(ALL)	INCOME/...	ACCOUNT SUBCATEGORY
Sim. Ledger Entries	70,121.37	70,121.37	70,121.37	Income Stat...	Spese utenze
Sim. Ledger Entries	57,318.60	57,318.60	57,318.60	Income Stat...	Spese utenze
Sim. Ledger Entries	377,534.40	377,534.40	377,534.40	Income Stat...	Spese utenze
Comments	504,974.37	504,974.37	504,974.37	Income Stat...	Spese utenze
Dimensions	104,996.69	104,996.69	104,996.69	Income Stat...	Spese utenze
Extended Texts	12,260.25	12,260.25	12,260.25	Income Stat...	Spese utenze
Receivables-Payables	-10,301.59	-10,301.59	-10,301.59	Income Stat...	Spese utenze
Where-Used List	106,955.35	106,955.35	106,955.35	Income Stat...	Spese
8310	71,269.20	71,269.20	71,269.20	Income Stat...	Spese
8320	31,417.65	31,417.65	31,417.65	Income Stat...	Spese
8330	7,067.33	7,067.33	7,067.33	Income Stat...	Spese
8390	109,744.18	109,744.18	109,744.18	Income Stat...	Spese
8400	185,518.25	185,518.25	185,518.25	Income Stat...	Spese
8410	6,334.07	6,334.07	6,334.07	Income Stat...	Spese
8420	48,413.39	48,413.39	48,413.39	Income Stat...	Spese
8430	4,435.33	4,435.33	4,435.33	Income Stat...	Spese
8490	245,701.04	245,701.04	245,701.04	Income Stat...	Spese

In Sim. G/L Entries it is possible to view the detailed simulated entries:

← Sim. G/L Entries

POSTING DATE	DOCUMENT NO.	G/L ACCOUNT NO.	DESCRIPTION	GEN. BUS. POSTING GROUP	GEN. PROD. POSTING GROUP	DEBIT AMOUNT	CREDIT AMOUNT	ENTRY NO.
2/28/2019	20-CX010008	8320	02/02/19 - 02/28/19: Monthly accrual...				82.65	115
3/31/2019	20-CX010008	8320	03/01/19 - 03/31/19: Monthly accrual...				94.90	117
4/30/2019	20-CX010008	8320	04/01/19 - 04/30/19: Monthly accrual...				91.84	119
5/31/2019	20-CX010008	8320	05/01/19 - 05/31/19: Monthly accrual...				94.90	121
6/30/2019	20-CX010008	8320	06/01/19 - 06/30/19: Monthly accrual...				91.84	123
7/31/2019	20-CX010008	8320	07/01/19 - 07/31/19: Monthly accrual...				94.90	125
8/31/2019	20-CX010008	8320	08/01/19 - 08/31/19: Monthly accrual...				94.90	127
9/30/2019	20-CX010008	8320	09/01/19 - 09/30/19: Monthly accrual...				91.84	129
10/31/2019	20-CX010008	8320	10/01/19 - 10/31/19: Monthly accrual...				94.90	131
11/30/2019	20-CX010008	8320	11/01/19 - 11/30/19: Monthly accrual...				91.84	133
12/31/2019	20-CX010008	8320	12/01/19 - 12/31/19: Monthly accrual...				94.90	135
1/22/2020	20-CX010008	8320	01/01/20 - 01/22/20: Monthly accrual...				67.35	137
1/23/2020	20-CX010008	8320	Monthly accrual (Demo)			1,200.00		143
1/31/2020	20-CX010008	8320	01/23/20 - 01/31/20: Monthly accrual...				27.55	139
2/28/2020	20-CX010008	8320	02/01/20 - 02/28/20: Monthly accrual...				85.69	141

The system has created 12 lines, one for each instalment.

NB

The Chart of Accounts also gives you an overview of all ledger entries (with and without period of competence) by drilldown on the column "BALANCE".

Calculate accruals directly from General ledger entries

It is possible to create accruals directly from General ledger entries without posting an invoice:

← SPESE PER CONSULENZE PROFESS. | WORK DATE: 01/01/2023 8320

General Ledger Entries

Search

Edit List

Process

Entry

Show Attached

Open in Excel

Actions

Navigate

Fewer options

Functions

Navigate

Posted Documents...oming Document

Reverse Transaction...

Apply Entries

Unapply Entries

Calculate Accruals

Incoming Document

NO.	ENTRY ID	NO.	DESCRIPTION	TYPE	GROUP	GR
2605	8320		Pagamento, Canone servizio H...	Purchase	NAZIONALE	SEF
2020-12	8320		Movimenti, dicembre 2020	Purchase	NAZIONALE	SEF
2020-12	8320		Movimenti, dicembre 2020	Purchase	NAZIONALE	SEF
2020-12	8320		Movimenti, dicembre 2020	Purchase	NAZIONALE	SEF
2020-11	8320		Movimenti, novembre 2020	Purchase	NAZIONALE	SEF
2020-11	8320		Movimenti, novembre 2020	Purchase	NAZIONALE	SEF
01/11/2020	8320		Movimenti, novembre 2020	Purchase	NAZIONALE	SEF
01/10/2020	8320		Movimenti, ottobre 2020	Purchase	NAZIONALE	SEF
01/10/2020	8320		Movimenti, ottobre 2020	Purchase	NAZIONALE	SEF
01/10/2020	8320		Movimenti, ottobre 2020	Purchase	NAZIONALE	SEF
01/09/2020	8320		Movimenti, settembre 2020	Purchase	NAZIONALE	SEF
01/09/2020	8320		Movimenti, settembre 2020	Purchase	NAZIONALE	SEF
01/09/2020	8320		Movimenti, settembre 2020	Purchase	NAZIONALE	SEF
01/08/2020	8320		Movimenti, agosto 2020	Purchase	NAZIONALE	SEF
01/08/2020	8320		Movimenti, agosto 2020	Purchase	NAZIONALE	SEF

Close G/L Accruals

Through the Close G/L Accruals report it is possible, for those who calculate the interim accruals and deferrals with the simulated, to calculate the real balance sheet entries at 31/12 and their relative cancellation.

In General Journal, *Functions*->*Close Accruals*:

← GENERAL JOURNALS | WORK DATE: 01/01/2023

Batch Name: DEFAULT

EDIT - CLOSE G/L ACCRUALS

Saved Settings >

Options

Ending Date: 31/12/2020

Grouping: Per Document

Document No.

Destination

Gen. Journal Template: GENERALE

Gen. Journal Batch: DEFAULT

OK Cancel

Functions

- Renumber Document Numbers
- Insert Conv. LCY Rndg. Lines
- Get Standard Journals...
- Save as Standard Journal...
- Close Accruals
- Calculate Depreciation
- Get Documents to Inv.
- Test Report...
- Post
- Preview Posting
- Post and Print
- Deferral Schedule
- Group Selected Entry
- Delete DocFinance Records
- Incoming Document
- Compensation
- Suggest Compensation

ACCOUNT NAME	RAI	ACCOUNT NAME	RAI	ACCOUNT NAME	RAI	ACCOUNT NAME	TOTAL RAI
2020-1	G/L Account	5630	IVA acquisti 20 %	Movimenti, gennaio 2020			
2020-1	G/L Account	1GU0000004...	1GU00000046000000000	Movimenti, gennaio 2020			
2020-1	G/L Account	8530	Riparazioni e manutenzione	Movimenti, gennaio 2020			
2020-1	G/L Account	1GU0000004...	1GU00000046000000000	Movimenti, gennaio 2020			
2020-1	G/L Account	5630	IVA acquisti 20 %	Movimenti, gennaio 2020			
2020-1	G/L Account	1GU0000054...	1GU00000546000000000	Movimenti, gennaio 2020			



FIELD	DESCRIPTION
Ending date	Set the date for the closure
Grouping	Choose to group: <ul style="list-style-type: none"> • per document • per G/L account
Gen. Journal Template / Gen. Journal Batch	Define a category and a batch for records concerning compensation

This report performs the following operations

1 . Excludes all movements with:

Registration date, Starting and Ending Competence date **less than** the date of the report launching: if just one is greater, then the line must be included;

Registration date, Starting and Ending Competence date **greater than** the date of the report launching: even if only one is smaller, then the line must be included;

2 . At this point, the lines which are included can be defined:

- **Accrual** : if the registration date is greater than the date of the report launching -> the share of the previous year must be added to the current year .So the Simulated General Ledger app considers all the simulated lines with a date less than or equal to the launch date of the report , adds the amount and creates a GL registration line with the same accounts and amounts;
- **Deferral**: if the registration date is less than or equal to the date of the report launching , -> the share for the following year must be removed from the current year .So the Simulated General Ledger app considers all the simulated lines with a date greater than the launch date of the report, adds the amount and creates a GL registration line with the same accounts, but with inverted amounts.

The report carries out the posting on the 1st of January in the G/L entries and the relative cancellation in the simulated entries automatically calculated.

In General Journals, the "Balance in Simulation" flag is visible on the lines. When set, lines are posted 1:1 with a reverse sign in simulated.

← REGISTRAZIONI COGE | WORK DATE: 01/01/2023

Nome batch DEFAULT

Nuovo Gestione Elabora Pagina Registra/Stampa Riga Conto Visualizza opzioni

DATA DI REGISTR...	DATA ESECUZI... OPERAZI...	TIPO DI DOCUME...	NR. DOCUME...	TIPO CONTO	NR. CONTO	PERIODO COMPET...	BIL... IN SI...	CODICE ATTIVITÀ	TIPO REG. DOC. DA FATTURA...	CO...	COMMEN
01/01/20	01/01/2023		G00001	Conto C/G			<input type="checkbox"/>			<input type="checkbox"/>	
							<input type="checkbox"/>			<input type="checkbox"/>	

Block Accrual Posting

For the purposes of automatic calculation of accruals and deferrals, it is possible to block accrual posting.

If during the accrual calculation the accounting period (month) is closed, the share of the period is accumulated over the following period.

In this way it is possible to preserve accounting situations already closed for accounting / statistical purposes.

← ACCOUNTING PERIODS | WORK DATE: 01/01/2023

Cerca + New Edit List Delete Process Report Show Attached Open in Excel

STARTING DATE	NAME	NEW FISCAL YEAR	CLOSED	DATE LOCKED	BLOCK ACCRUAL POSTING	INVENTO... PERIOD CLOSED
01/01/2019	gennaio	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/02/2019	febbraio	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/03/2019	marzo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/04/2019	aprile	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/05/2019	maggio	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/06/2019	giugno	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/07/2019	luglio	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/08/2019	agosto	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/09/2019	settembre	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/10/2019	ottobre	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/11/2019	novembre	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/12/2019	dicembre	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
01/01/2020	gennaio	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Account schedules

The Account Schedules show numbers aggregated according to a previous setup (you can define columns , formulas and the ranges to be aggregated in the chart of accounts).

it is possible to have an overview of the G/L entries + G/L sim. entries and to generate interim financial statements.

ACCOUNT SCHEDULE

Name: BS+PL ENG

Manage Process Report Functions **Acc. Sched.** Actions Report Less options

Overview...

ROW NO.	DESCRIPTION	TOTALING TYPE	TOTALING	ROWTYPE	AMOUNT TYPE	OPPO... SIGN	SHOW	BOLD	ITALIC	U
100	BALANCE SHEET	Posting Accounts		Net Change	Net Amount	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
110	Assets	Posting Accounts	110100000..110801900 250000000..2509...	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
120	Short term investments	Posting Accounts	110801910..110801920	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
125	Long term investments	Posting Accounts	110801000..110801900	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
130	Inventory	Posting Accounts	120100010..120109000 220103000	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
140	Receivables and other credits	Posting Accounts	120201000..120201799 120201801..1203...	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
150	Cash and cash equivalents	Posting Accounts	120501000..120501999 120502100..1205...	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
160	Prepaid and other assets	Posting Accounts	180000000..180900000	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
200	TOTAL ASSETS	Formula	110+130+140+160	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
510	Equity	Posting Accounts	210101000	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
511	Previous (earning)/loss	Posting Accounts	210103000..210900000	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
520	Current (earning)/loss	Posting Accounts	300000000..499999999	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
530	Provisions for Liabilities and Charges	Posting Accounts	230102000 230102100 120302280 22010...	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
540	Severance indemnity	Posting Accounts	230101000 230104000	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
550	Payables and other debits	Posting Accounts	120201800 120302291 120502200..1205...	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
560	Loans	Posting Accounts	260100000..260209000	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	
570	Accruals and other liabilities	Posting Accounts	280101000..280101500	Net Change	Net Amount	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	

And then, by drilldown you can see the detailed view of the Chart of Accounts

SETUP

Template

In G/L Accrual Templates:

G/L Accrual Templates

Search + New Edit List Delete Show Attached Open in Excel

CODE	DESCRIPTION	INCOME ACCRUAL ACCOUNT	DEFERRED INCOME ACCOUNT	PAYMENT ACCRUAL ACCOUNT	PREPAYMENT ACCOUNT	DAYS PER MONTH	TYPE	PERIOD TYPE	ACCRUAL DESCRIPTION SOURCE	POSTING DESCRIPTION	ALLOW G/L ENTRY GROUP
MONTHLY	Monthly accrual	2120	2130		5120	Actual days 30 days	G/L Sim. G/L	Monthly Quarterly Semestral Annual	Fixed Description	Monthly accrual (Demo)	<input type="checkbox"/>
									Line Description Posting Description Fixed Description		<input type="checkbox"/>

Set:

FIELD	DESCRIPTION
COD	Decide a code
DESCRIPTION	Choose a code description
INCOME ACCRUAL ACCOUNT	Set an account number for income accruals Impostare il numero di conto in cui verranno scritti i risconti attivi
DEFERRED INCOME ACCOUNT	Set an account number for deferred income Impostare il numero di conto in cui verranno scritti i risconti passivi
PAYMENT ACCRUAL ACCOUNT	Set an account number for payment accrual
PREPAYMENT ACCOUNT	Set an account number for prepayment
DAYS PER MONTH	Indicate the basis on which to spread costs and revenues, in the case of a monthly calculation, 30 days / month logic or one based on the calculation of actual days. Options: <ul style="list-style-type: none"> • actual days • 30 days
TYPE	Decide if the template is for real or simulated ledger: <ul style="list-style-type: none"> • G/L • Sim. G/L
PERIOD TYPE	Period of competence equivalent to month, quarter, half year or year.
ACCRUAL DESCRIPTION SOURCE	Choose whether the description should be taken from the line, from the posting or if it should be a fixed description.
POSTING DESCRIPTION	Specify the description if you have chosen the "Fixed Description" option in the "Accrual description source" field
ALLOW G/L ENTRY GROUPING	The system tries to group the entries as much as possible, "before" competence calculation. This can be useful, for example, if you want to change the calculation of the competence of a single line of a document ex-post, or when the calculations of competence are many and you want to avoid posting lots of records.

In the Competence Dates Setup set the possible registration time intervals:

←
✎ + 🗑

Competence Dates Setup

Show Attached
More options

G/L Simulation Posting Restrictions

Allow Sim. Posting From 📅

Allow Sim. Posting To 📅

Accruals Posting Restrictions

Allow Accrual Posting From 📅

Allow Accrual Posting To 📅

Subscription

Some features of app Accruals and Simulated General Ledger require a subscription. The subscription can be activated from Subscription control panel or directly from the notification messages that the system proposes, by clicking on the link that allows you to start the subscription wizard. In particular:

- ✓ **FREE Version:**
it is possible to manage accruals and deferrals only for 30 days.
- ✓ **PRO Version:**
it is possible to manage accruals and deferrals without any restriction.