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Multi-Entity Management (MEM) Setup with Payroll NOW

Microsoft Dynamics 365 Business Central

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Prerequisites

Before configuring MEM with Payroll NOW, the following must be in place:

- Binary Stream Multi-Entity Management (MEM) must be installed and licensed in your Dynamics 365 Business Central environment.
- Payroll NOW by Integrity Data must be installed and licensed.
- The custom extension **PN_MEM_INTEGRATION** from Integrity Data, Inc. (1.0.0.1) must be installed. This extension is required for payroll transactions to post to BC (GL) with the correct due-to and due-from intercompany lines.

Dimensions Setup

Dimensions are the foundation of MEM. You will create a dimension that represents your company entities, and then define dimension values for each entity.

Search for “Dimensions”

Dimensions | Work Date: 11/6/2021

✓ Saved



Search	+ New	Edit List	Delete	Dimension	Page	Actions	Fewer options		
Code ↑		Code Caption	Filter Caption	Description	Bloc...				
AREA		Area Code	Area Filter		☐				
BUSINESSG...		Businessgroup Code	Businessgroup Filter		☐				
→ COMPANY	⋮	MEM Company Code	Company Filter		☐				
CUSTOMER...		Customergroup Code	Customergroup Filter		☐				
DEPARTME...		Department Code	Department Filter		☐				
PROJECT		Project Code	Project Filter		☐				
PURCHASER		Purchaser Code	Purchaser Filter		☐				
SALESCAMP...		Salescampaign Code	Salescampaign Filter		☐				
SALESPERS...		Salesperson Code	Salesperson Filter		☐				

The dimensions listed in this window will be available to select from the Payroll Setup menu.

On the Dimensions window, click **Dimension >> Dimension Values**

COMPANY · Company Group | Work Date: 11/6/2021

✓ Saved



Dimension Values

Search

+ New

Edit List

Delete

Import Dimension Values

Page ...



Code	Name	Dimension Value Type	Totaling	Block...	Exclu... in Cons...
→ 000	Head Office	Standard		☐	☐
100	East Coast Commercial Suppl...	Standard		☐	☐
200	Maritime Industries LLC	Standard		☐	☐
300	Mainland Building Supplies a...	Standard		☐	☐
400	Maritime Sales and Supplies	Standard		☐	☐
AREA	Area	Standard		☐	☐
NEWCOMPA...	New Company	Standard		☐	☐
PROD	Prod	Standard		☐	☐
SALES	Sales	Standard		☐	☐

These dimension values will be assigned to the payroll companies and, in turn, assigned to the employee.

Important: In addition to creating dimension values here, the dimension values must also be added to the **MEM Dimensions** page in order to be recognized by MEM within Business Central. If dimension values are not added to MEM Dimensions, they will not be available for selection in payroll setup or on employee cards.

Payroll Setup

Full Payroll Menu >> Setup >> Payroll Setup

Payroll Setup

[Get Tax Settings](#) [Additional Setup](#) | [More options](#)

General

[Show less](#)

Solution Version	17.13.0.0	Only Show Current Ye...	☒
Tenant ID	msft1a6720t75639315	45 Day Duration Check	☒
Country	US	Allow Manual Holidays	☒
Hours per Week	40.00	Amount Rounding Pr...	0.01
Weeks per Year	52.00	Hours PTO Accrual R...	0.01
Overtime Multiplier	1.50	Federal Tax Rounding...	1.00
Payroll Calendar Code		Read Overtime from I...	☒

In order to use the MEM product with Payroll NOW, “Use Multi-Company” has to be enabled in the Advanced Settings section of Payroll Setup. Once this has been enabled, a Default Company Code (Payroll Company) has to be assigned.

Advanced Settings

[Show less](#)

Combine Earnings Lin...	☒	Use Job/Job Task	☒
Check Balance Payroll...	☒	Use Employee Securit...	☒
Suppress Arrears Trac...	☒	Default Security Group	
Use Multi-Company	☒	Utilize Certification Al...	☒
Default Company Code	COM2	Verify OT Hours on A...	☒
Advanced Deduction ...	☒	Do Not Check Deduc...	☒
Use Actual Salary Mo...	☒	Use Pay Cycle SubTyp...	☒
Use Position Effective...	☒	Auto-Sync Expense A...	☒
Position by Effective ...	Pay Cycle Ending Date	Journal Transfer Acco...	
Use Earnings from H...	☒	Set Workers Comp. fr...	☒
Use 1/4 Hour Accrual...	☒	Run Custom Function	☒
Split Employer Tax / C...	☒	Activate MEM	☒
Split Payroll Ledger E...	☒	MEM Dimension Co...	COMPANY

Once Multi-Company is enabled, MEM can be activated. Once activated, a MEM Dimension Code has to be assigned. The following message will appear:



The Multi-Entity company values should be assigned the payroll companies.

OK

This is a reminder that payroll companies should have a corresponding MEM Dimension Company Code.

Payroll Company Setup

Each payroll company represents a legal entity or business unit that runs its own payroll. You will link each payroll company to a MEM company code.

Search for “Payroll Company Information List”

Payroll Company Information List | Work Date: 11/6/2021

Code ↑	Name	Address	City	State	ZIP Code
COM1	Payroll Company 1	111 Testing Ave	Springfield	IL	62648
COM2	Payroll Company 2	222 Testing Ln	Peoria	IL	51521

The companies listed here will be the Payroll Companies. Each of these payroll companies will be assigned a MEM Company Code, which are the dimension values from the Dimensions setup.

...ny Information | Work Date: 11/6/2021

COM2

General

Code	COM2	ZIP Code	51521
Name	Payroll Company 2	State	IL
Name 2		Email	
Address	222 Testing Ln	Home Page	
Address 2		Country/Region Code ...	
City	Peoria	Picture	+
Phone No.		MEM Dimension Code ...	COMPANY
Phone No. 2		MEM Dimension Com...	200

- The MEM Dimension Code can only be changed from the Payroll Setup window.
- The MEM Dimension Company Code will be rolled down to employees who are assigned to the corresponding Payroll Company.
- Each MEM Dimension Company Code is a unique combination with its Payroll Company. You cannot assign the same MEM value to more than one Payroll Company.

Payroll Employee

Full Payroll Menu >> Payroll Processing >> Payroll Employees

...Employee Card | Work Date: 11/6/2021



✓ Saved



EMP10002 · Mary · Todd

New Process Reports Actions Related Reports Fewer options

General

Show less

No.	EMP10002	...	City	Birmingham
First Name	Mary		State	AL
Middle Name	G		Statutory Employee	☒
Last Name	Todd		Job Title	Accounting Manager
Second Last Name			Manager Payroll Emp... ..	
Full Name	Mary G Todd		Manager Name	

On the Payroll Employee Card, the MEM Dimension Company Code is displayed based on the employee's assigned Payroll Company. The MEM value and Payroll Company Code are linked, and changes to one will affect the other:

- If you change the **MEM Dimension Company Code** on the employee card, the Payroll Company Code will automatically update to match the company associated with that MEM value. If no Payroll Company has been set up with that MEM value yet, the system will assign the dimension value to the employee's current Company Code.
- The Company Code and MEM value are a **unique combination** on the Payroll Company List. You cannot have two companies with the same MEM value.

Change Password on ... ☒

Web Direct Deposit E... ☒

Default Company Code · COM2

MEM Dimension Co... · 200

Payroll Check Layout ·

Applicant No.

Hours Details

Full Payroll Menu >> Payroll Processing >> Hours Details

When creating hours for an employee, the Payroll Company Code and the MEM Company Code appear on the Hours Details window. The values default based on what is configured on the Employee Card.

To allocate hours to a different entity, select a different **Payroll Company Code** that has the MEM value you are looking for. MEM itself does not use Payroll Company Codes—it only recognizes the MEM Dimension Company Code. The Payroll Company Code is the mechanism within Payroll NOW to select the correct MEM value.

Manual Hours Details | Work Date: 11/6/2021

✓ Saved

Batch Name DEFAULT

Manage  Suggest Lines  Register Hours  Open in Excel | Actions Fewer options

Employee No.	Start Time	End Time	Company Code	Department Code	MEM Company Code	State
EMP10002			COM2	AREA	200	AL
EMP10002	⋮		COM2	AREA	100	AL

Last Review: 02/2026

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Categories: Payroll NOW by Integrity Data

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