



Business Central - ProMark Integration Configuration

November 30, 2021

Summary

This document describes the setup of ProMark Workforce Management for Business Central extension.

Summary:

ProMark Workforce Management offers users:

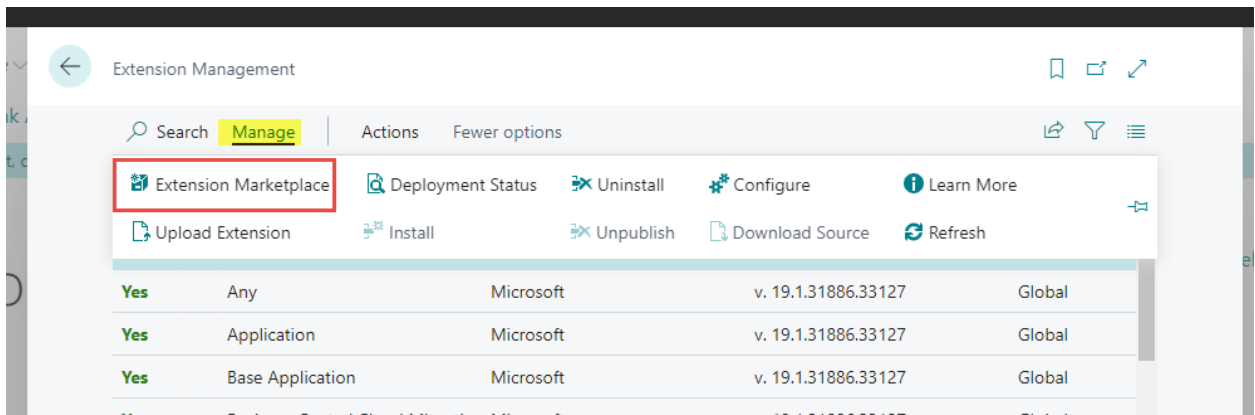
1. To push, modify and retrieve Production Time and Materials data in D365 BC, create and post lines to the output journal for a specific production order by API integration.
2. Use ProMark Workforce Management to track deleted production orders and lines by API integration.
3. Use ProMark Workforce Management to retrieve the information about Production Orders from Business Central by API integration.
4. Use ProMark Workforce Management to retrieve the information about Work Centers, Machine Centers, Scrap Codes, Dimensions, Dimension Values from Business Central

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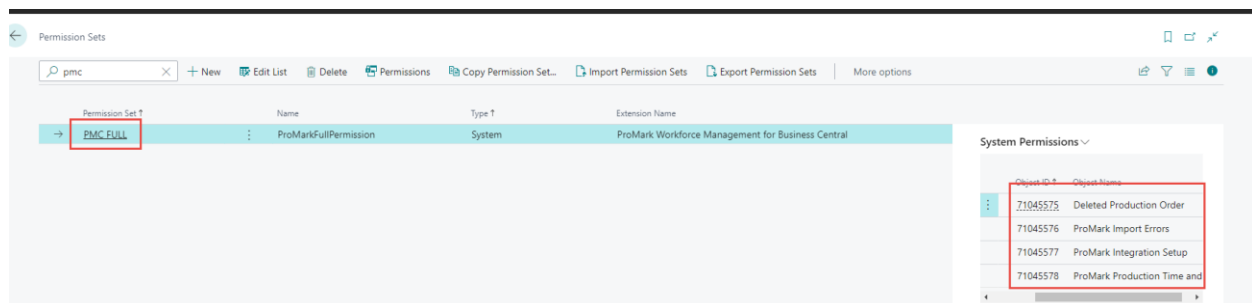
Application Installation

1. To download the extension from App Source - Open **Extension Management** page and click on Extension Marketplace action, download and install the ProMark Workforce Management for Business Central extension.



Adding user permissions for application

After installing the extension, a new set of permissions is created. Open permission Sets page and find PMC FULL permission set:



This set of permissions will give a user access to the custom objects used in the ProMark integration.

To assign this permission set to a user that will work with ProMark integration pages, open **Users** page:

Users: All Search + New Manage Process Navigate More options			
User Name ↑	Full Name	Status	Authentication Email
ADMIN		Enabled	
DELEGATEDADMIN	Delegated Administrator	Enabled	
ESSENTIAL	Essential	Enabled	
EXTERNALACCOUNTANT	External Accountant	Enabled	
INTERNALADMIN	Internal Administrator	Enabled	
PREMIUM	Premium	Enabled	
TEAMMEMBER	Team Member	Enabled	

Open user card by clicking on it and add **PMC FULL** permission set on **User Permission Sets** FastTab. You must have the rights to add or modify permissions on user cards. User for integration also should have a permission set that provides access for standard objects used in ProMark integration, for Example **D365 BUS PREMIUM**. If you want to restrict available objects for user, you can create a custom permission set and assign it to user.

Web Service Access Key has been deprecated for Business Central online. Please use OAuth.
Don't show me again | Show more

Contact Email

Web Service
Web Service Access Key
Web Service Expiry Date

User Group Memberships
Manage

Code ↑	Name	Company Name ↑
→ D365 BUS PREMIUM	D365 Premium Business Access	
EXCEL EXPORT ACTION	D365 Excel Export Action	

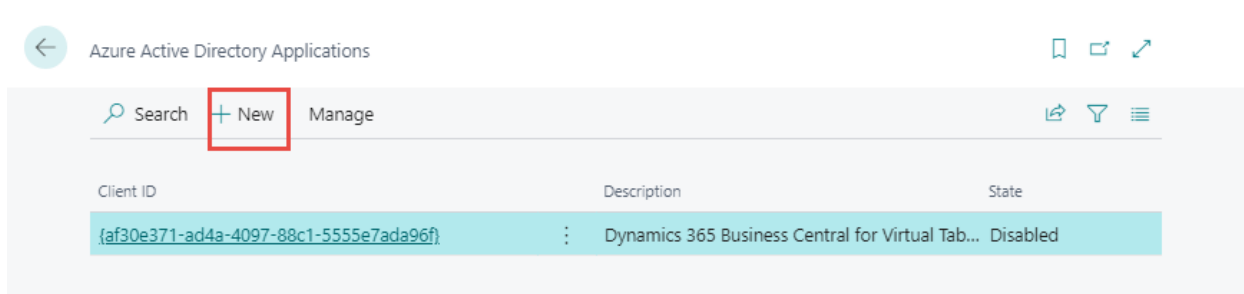
User Permission Sets
Manage

Permission Set ↑	Description	Company ↑	Extension Name	Permission Scope
D365 BUS PREMIUM	Dyn. 365 Prem. Bus. Full Acc.		Base Application	System
EDIT IN EXCEL - VIEW	Edit in Excel - View		System Application	System
EXPORT REPORT EXCEL	Export Report DataSet to E...		System Application	System
LOCAL	Country/region-specific func.		Base Application	System
→ PMC FULL	ProMarkFullPermission		ProMark Workforce Management for Business Ce...	System

Creating and registering Azure Active Directory Application

For registration application, user must have one of the following roles in Azure AD: **Global Administrator, Privileged Role Administrator, Cloud Application Administrator, or Application Administrator**

1. To create a new Azure Active Directory Application card, open **Azure Active Directory Applications** page and click New



2. On the opened card fill in:
 - Client ID – copy and paste this: {b7d0efc0-ff89-4f82-9907-835ffc929358}.
 - Description - MarkInfo app access.
 - Add User Permission Sets for application. Pay attention – to use custom objects in application, the permission set PMC FULL must be added, for using the standard objects in application you must add standard Business Central permission set, for example D 365 BUS PREMIUM, but in this case all objects granted by standard permission sets will be available for application. To restrict objects, using in application, we recommend create custom permission sets and assign to the application.

Azure Active Directory Application Card

MarkInfo app access

Grant Consent

Client ID [b7d0efc0-ff89-4f82-9907-835ffc]
Description MarkInfo app access
State Enabled
Contact Information ...

Extension
App ID {00000000-0000-0000-0000- ...}
App Name

User Groups | Manage

Code ↑	Name	Company Name ↑
→		CRONUS USA, Inc.

User Permission Sets | Manage

Permission Set ↑	Description	Company ↑	Extension Name	Permission Scope
→ D365 BUS PREMIUM	Dyn. 365 Prem. ...		Base Application	System
PMC FULL	ProMarkFullPer...		ProMark Workforce Manageme...	System

3. Click on Grant Consent action:

Azure Active Directory Application Card

MarkInfo app access

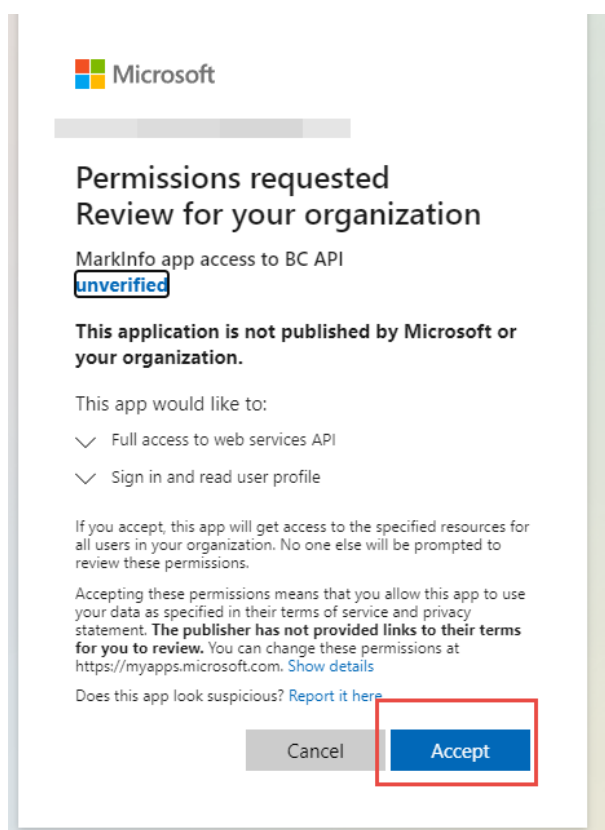
Grant Consent

Client ID [b7d0efc0-ff89-4f82-9907-835ffc]
Description MarkInfo app access
State Enabled
Contact Information ...

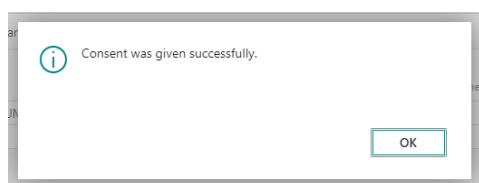
Extension
App ID {00000000-0000-0000-0000- ...}
App Name

User Groups | Manage

4. If you have the previously mentioned role in Azure AD, you will see the following page:



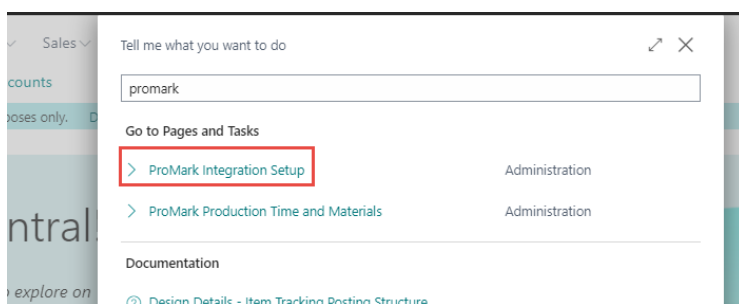
Click on Accept button, and you will see the message:



This means that registration finished successfully.

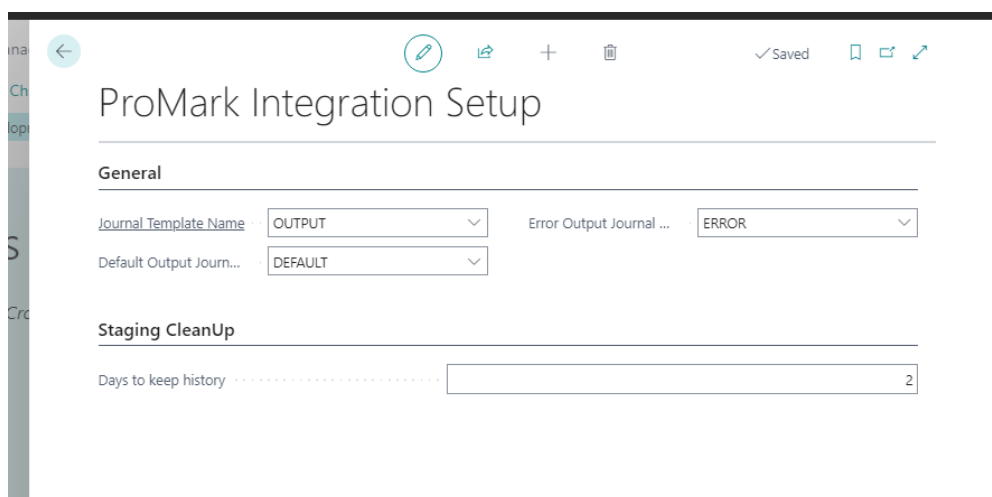
ProMark Integration setup

Open the **ProMark Integration setup** page from the search pane:



On the opened page on General tab choose:

- *Journal Template Name* – Choose Item Journal Template, you can choose only Item Journal Template with type output.
- *Default Output Journal Batch* –choose a batch for posting lines without errors
- *Error Output Journal Batch* –choose a batch for posting lines with posting errors.
- *Days to keep history* – choose the default number of days for keeping history, when use ProMark CleanUp Batch Job.



ProMark Integration Setup

General

Journal Template Name: OUTPUT Error Output Journal ...: ERROR

Default Output Journ...: DEFAULT

Staging CleanUp

Days to keep history: 2