

Register TimeLog PSA with the Microsoft identity platform

This document guides you through the workflow on adding the TimeLog PSA app in your Azure Active Directory and creating the TimeLog integration credentials.

In short is the installation done in five steps

- Add/register the TimeLog PSA app in your Azure portal. When adding the TimeLog PSA is it important to copy the Client secret and Application (client) ID (page 6 in the attached PDF) Both codes are to be used when establishing the connection between TimeLog and you BC installation.
- 2. Install the TimeLog PSA app from BC Extension Marketplace
- Run the TimeLog PSA setup in your BC installation via Assisted setup. Copy the **Tenant ID** and **Environment** name to be used when establishing the connection. See page 7 in the attached PDF.
- 4. Enable the TimeLog PSA application in your BC installation.
- 5. Establish the connection between TimeLog and the BC installation. Here, the four copied pieces of information must be used.

Bullet 1 needs access to your Azure portal

Bullet 2, 3 & 4 needs system admin. rights in the BC installation

Bullet 5 needs system admin rights in the TimeLog installation

Prerequisites:

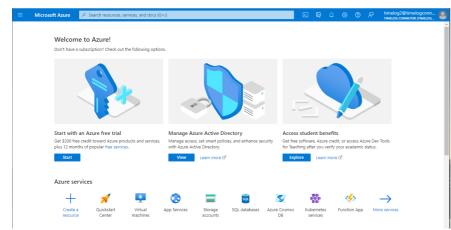
Installed MSAL.PS Powershell module.

User access need to be Global Administrator or Privileged Role Administrator

This workflow description is based on Microsoft <u>Quickstart: Register an application with the</u> <u>Microsoft identity platform</u>

1. Azure AD Application registration

Sign into azure portal (https://portal.azure.com) and search on 'App registrations'





2. Register an application

Click '+ New registration'. Provide a 'Name' for application, set 'Supported account types' to "Accounts in this organizational directory only".

In **Redirect URI** you select **Web** and add the below URL for your Business Central on-premises browser client and click **'Register'** button to add the TimeLog integration application.

	Microsoft Azure	P Search resources, services, and docs (G+/)	
Hom	e > App registrations >		
Re	gister an appli	ation	×
* Na	me		
The s	iser-facing display name fo	this application (this can be changed later).	
Tim	eLogS2S	Add your application name	· •
Sup	ported account types		
Who	can use this application or	iccess this API?	
•	Accounts in this organization	nal directory only (timelogconnect.onmicrosoft.com only - Single te	nant)
0	Accounts in any organization	nal directory (Any Azure AD directory - Multitenant)	
0	Accounts in any organization	nal directory (Any Azure AD directory - Multitenant) and personal N	licrosoft accounts (e.g. Skype, Xbox)
0	Personal Microsoft account	only	
Help	me choose		
Red	rect URI (optional)		
		sponse to this URI after successfully authenticating the user. Provid ired for most authentication scenarios.	ing this now is optional and it can be
We	b	V https://businesscentral.dynamics.com/OAuthLanding.htm	~
	ter an app you're working cations.	n here. Integrate gallery apps and other apps from outside your or	sanization by adding from Enterprise
By pr	oceeding, you agree to the	Microsoft Platform Policies 🖉	
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3. API permissions

Setup API permissions for the newly created application, go to 'API permissions' and click Add an application:

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lanage	Configured permissions	e l			
 Branding & properties Authentication 	Applications are authorized t	o call APIs when they	are granted permissions by users/admins as ore about permissions and consent	part of the consent process. The list of conf	igured permissions should include
Certificates & secrets	+ Add a permission 🗸	Grant admin consent	t for Timelog Connetor		
Token configuration	API / Permissions na Add	a permission be	Description	Admin consent requ	Status
API permissions	→ Microsoft Graph (1)				
Expose an API	User.Read	Delegated	Sign in and read user profile	No	
App roles					
Owners	To view and manage consent	ed permissions for inc	dividual apps, as well as your tenant's consen	t settings, try Enterprise applications.	
Roles and administrators					
Manifest					
upport + Troubleshooting					

In order to acquire tokens as application (used for automation APIs), click: 'Dynamics 365 Business Central' - 'Application permissions' and mark "app_access" and "API.ReadWrite.All"

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yping a permission to filter these results	
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r permissions (1)	
app_access ① Access according to the application's permissions in Dynamics 3	55 Business Central Yes
inCenter	
AdminCenter.ReadWrite.All () Full access to Admin Center API	Yes
1)	
API.ReadWrite.All ① Full access to web services API	Yes
mation	
Automation.ReadWrite.All ① Full access to automation	Yes
	rmissions yping a permission to filter these results iission r permissions (1) app_access ① Access according to the application's permissions in Dynamics 30 inCenter AdminCenter.ReadWrite.All ① Full access to Admin Center API 1) API.ReadWrite.All ① Full access to web services API mation Automation.ReadWrite.All ①

Click Add permission



4. Grand admin consent confirmation

After permissions are added, click **'Grant admin consent for ...'**. Click **Yes** button to grant consent for the requested permissions.

Status in the table of permissions should change to 'Granted'

	Microsoft Azure	${\cal P}$ -Search resources, services, and docs	(G+/)		▶ (Ç,	<mark>2</mark> 8) ()	ନ	timelog2@timelog TIMELOG CONNETOR (T	
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Э,	Authentication	Configured permission	IS								
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2 1	New support request	To view and manage conser	nted permissions for indi	vidual apps, as well as your tenant's consent settings,	try Ente	rprise a	pplicati	ons.			





5. Certificates and secrets

Setup client secret (used in authorization code flow scenario and application scenario):

Go to 'Certificates & secrets' - 'Client secrets', click '+ New client secret'

	Microsoft Azure	₽ Search	resources, services, a	nd docs (G+/)			Σ	Ŗ	P		0	ন্থ	timelog2@timelogco TIMELOG CONNETOR (TIMEL	nn 🧕	
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63	Quickstart					to the authentication service when rtificate (instead of a client secret			s at a w	eb add	ressab	le locat	on (using an HTTPS		
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Man	age		Application re	egistration certificates	secrets and federated creden	tials can be found in the tabs below.							3	<	
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->	API permissions		+ New client s	ecret											
4	Expose an API		Description		Expires	Value 🗊			S	ecret I	D				
	App roles		No client secrets h	have been created for	this application.										į
	Owners														
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111	Manifest														

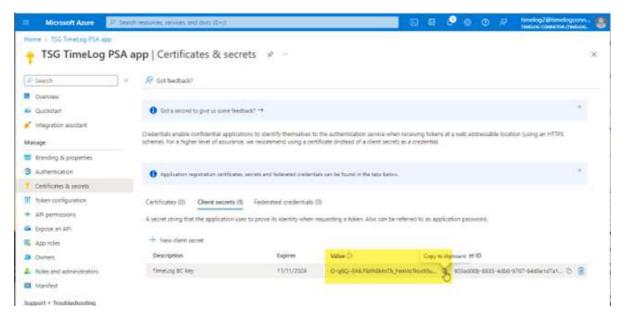
Add some Description, choose 'Expires' setting to 24 months and click 'Add'

	n resources, services, and docs (G+/)		d 🖓 🖓	© R	timelog2@timelogconn
Home > App registrations > TSG Timel	og PSA app pp Certificates & secrets → …	Add a clier	nt secret		×
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 Quickstart Integration assistant 	Credentials enable confidential applications to identify themselves to the authent scheme). For a higher level of assurance, we recommend using a certificate (inste				
Manage Branding & properties	Application registration certificates, secrets and federated credentials can be four				
➔ Authentication	Certificates (0) Client secrets (0) Federated credentials (0)				
Certificates & secrets Token configuration	A secret string that the application uses to prove its identity when requesting a	t			
- API permissions	+ New client secret				
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 App roles Owners 	No client secrets have been created for this application.				
 Roles and administrators Manifest 					
Support + Troubleshooting					
Troubleshooting					
New support request		Add	Cancel		





After secret is created, copy secret 'Value' and save for later when setting up the TimeLog to BC-integration.

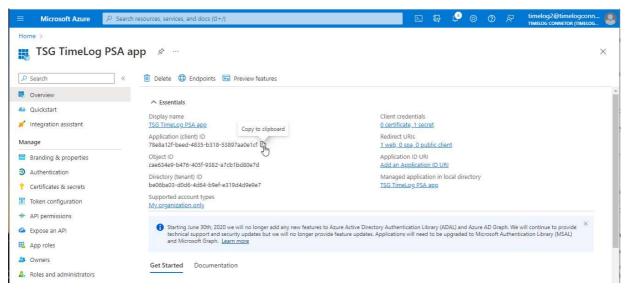


Copy the **Client secret** value of the registered application. You will need this later when setting up the TimeLog to BC-integration.

6. Copy client ID

Select Overview

Copy the **Application (client) ID** from the App registrations – Overview. You will need it when adding the new client into your Business Central Microsoft Entra Applications



Copy the **Application (client) ID** of the registered application. You will need in the Business Central Microsoft Entra application setup.



7. Install the TimeLog PSA app in your Business Central

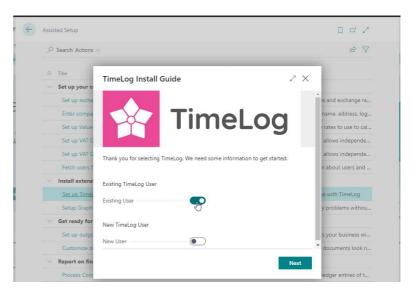
Open **Extension Marketplace** from within your Business Central installation and search for **TimeLog PSA**. Please be aware that you have the user rights to buy new applications to your Business Central.

Click Free trial and accept Microsoft license agreements and follow the guidelines.

When the TimeLog PSA app have been installed are you to run **Setup TimeLog PSA** in Assisted setup.

Assisted Setup			
\mathcal{P} Search Actions \smallsetminus			re 7
☆ Title	Completed	Learn more	Description
✓ Set up your company		_	
Set up exchange rates service		Read	View or update currencies and exchange r
Enter company details		Read	Provide your company's name, address, Io
Set up Value-Added Tax (VAT)		Read	Set up VAT to specify the rates to use to c
Set up VAT Group Management		Read	VAT Group Management allows independ
Set up VAT Group Management		Read	VAT Group Management allows independ
Fetch users from Microsoft 365	V	-	Get the latest information about users and
		_	
Set up TimeLog PSA		Read	Manage projects and time with TimeLog
Setup Graphical Inventory Profile		Read	Overview of future supply problems witho
imes Get ready for the first invoice		_	
Set up outgoing email		Read	Set up the email accounts your business w

Click on **Setup TimeLog PSA** and click the slider next to Existing User, and click **Next**.







Copy the **Tenant ID key** and save it for later when setting up the integration connection.

Copy the **Environment name** and save it for later when setting up the integration connection.

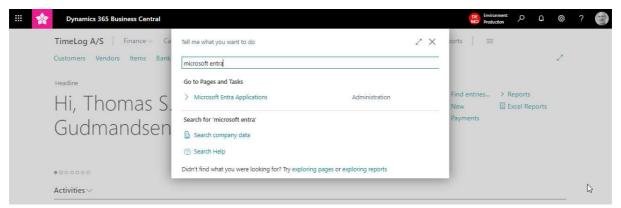
Click **Next** and **Finish** on the next window to close the TimeLog PSA configuration.



If your TimeLog installation is having multi legal entities activated, are you to run the **Setup TimeLog PSA** on each Business Central company that is to get connected to your TimeLog installation and use the unique Tenant ID and Environment name when setting up the connection.

8. Setup of Microsoft Entra Application in Business Central

Complete these steps to set up the Microsoft Entra application for service-to-service authentication in Business Central.



In your Business Central client, search for Microsoft Entra Applications

Click New,

	Dynamics 365	Business	Central			(DE Environment: MO Production	Q	Q	٢	?	Ferr
	TimeLog A/S	← 1	Vicrosoft Entra Applications		[] 🖻	2					
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			{bf9c07cb-3385-4de3-a63a-b630340b14be}	Godkendte eksterne Power Pages-brugere	Disabled							



Past the copied Application (client) ID into **Client ID**, add a description name and change State to **Enable** and click **Yes** to the new created user.

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Azure Active Directory Application Card

Add the User Group

- D365 AUTOMATION
- D365 BASIC ISV

Do not add a company name to the added user groups.

This is selected when configuring the BC integration in TimeLog system administration.

and User Permission Sets

- D365 BASIC ISV
- D365 AUTOMATION
- SCBTIMELOGPSACORESET
- SCBTIMELOGPSADKSET

TimeLog PSA app Grant Consent More options General (c6cl 0ac5) Extension Client ID App ID . {0000000-0000-0000-0000-00000000000} TimeLog PSA app Description App Name State Enabled User inform Contact Information User ID (2ee7b db3) TIMELOG PSA APP User Name You must set the State field to Disabled before you can make changes to this app. User Groups Manage 68 Code 1 Name Company Name 1 Left blank D365 AUTOMATION Dynamics 365 Automation D365 BASIC ISV D365 Basic ISV-adgang Left blank 68 User Permission Sets Manage Company † Permission Scope → D365 AUTOMATION : Dynamics 365 Autom... Base Application System D365 BASIC ISV Dyn. 365 Basic ISV Acc. Base Application System SCBTIMELOGPSAC... TimeLog PSA CORE TimeLog A/S TimeLog PSA CORE System SCBTIMELOGPSAD... TimeLog PSA DK TimeLog A/S TimeLog PSA DK System

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If you have other apps installed in your Business Central installation, will you perhaps be needing to add additional permissions or the superuser permission **SUPER (DATA)** to your User Permissions Sets.

The added TimeLog PSA is now added in your Business Central Active Directory and you are now ready to install the TimeLog PSA app and run the setup



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9. TimeLog – BC integration connection configuration

Add the Business central integration in TimeLog System administration >> Integrations and API >> Integrations and click **Configure Business Central**.

Add the copied credentials into the related fields in the user interface.

🛊 System administratior	ו		Back to TimeLog 🕜
System administration		Microsoft Dynamics 365 Business Central intec	aration setup
Search	٩	Streamline your processes, make smarter decisions, and accelerate growth with D management solution designed for small to medium-sized businesses.	
 Set up TimeLog here Time and expense registrations 	~	This integration is connected to the legal entity TimeLog SE .	Microsoft Dynamics 365
Approval processes	~	Connection Not established Integration Disabled	Setup of integration to Microsoft Dynamics 365
Reports	~	Tenant ID	Business Central In order to create a connection between TimeLog and
] Projects	×	Copied from BC Assisted Setup	Business Central, you must indicate the login information for your Business Central account.
Employees	~	Copied from BC Assisted Setup	Read more about Microsoft Dynamics 365 Business Central here
Finance	~	Client ID	
] Customers	~	Copied in step 6 Client secret	
Integrations and API	~	Copied in step 5	
General settings	*	Connect	

When you have added the credentials information in the four fields are you to click **Connect** to establish the connection to your Business Central and you get access to the Business Central integration configuration.

Click the question icon O in the top right corner to open the integration configuration guide in our Help Center.

