

Integrate. Collaborate. Migrate.

Installation Guide

PowerSyncPro Migration Agent





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Purpose of this document

This document describes how to install the PowerSyncPro Migration Agent on a Windows 10 or 11 workstation.

Before you start

There are additional documents that you should read and refer to in advance. These are the prerequisites document and the configuration guide which can be obtained from the following locations:

PowerSyncPro Migration Agent Release Notes https://downloads.powersyncpro.com/current/PSPMA-ReleaseNotes.pdf

PowerSyncPro Migration Agent Prerequisites https://downloads.powersyncpro.com/current/PSPMA-Prerequisites.pdf

PowerSyncPro Migration Agent Configuration Guide https://downloads.powersyncpro.com/current/PSPMA-ConfigurationGuide.pdf

Please ensure you have read the prerequisites document and are building a supported scenario for PowerSyncPro.

PowerSyncPro Server

It is a mandatory requirement to have a PowerSyncPro Server deployed. The migration agent is not designed to be a standalone utility.

It is the PowerSyncPro Server console where you will create Runbooks and Batches that are used by the PowerSyncPro Migration Agent running on the Windows workstations.

A Directory Sync Profile that matches users in the source and target environment is a requirement to successfully re-permission Windows user profiles on workstations based on their source and target SID.

You can find the PowerSyncPro Server documentation here: **PowerSyncPro Server Release Notes**





https://downloads.powersyncpro.com/current/PSPSync-ReleaseNotes.pdf

PowerSyncPro Migration Server Prerequisites

https://downloads.powersyncpro.com/current/PSPSync-Prerequisites.pdf

PowerSyncPro Migration Server Installation Guide

https://downloads.powersyncpro.com/current/PSPSync-InstallationGuide.pdf

PowerSyncPro Migration Server Configuration Guide https://downloads.powersyncpro.com/current/PSPSync-ConfigurationGuide.pdf





PowerSyncPro Migration Agent Source Files

The installation files required for the Migration Agent are available from the resources and documentation section of the PowerSyncPro website <u>PowerSyncPro - Documentation</u> or directly from the PowerSyncPro Server itself.

Prerequisites

.NET Desktop Runtime 8.x is a required prerequisite to be installed on the Windows workstation alongside the PowerSyncPro software.

Prerequisites installed in advance separately

Download .NET 8.0 (Linux, macOS, and Windows) (microsoft.com)



PowerSyncPro Migration Agent Install file without .NET

Download the latest installation file from: https://downloads.powersyncpro.com/current/PSPMigrationAgentInstaller.msi

This MSI does **NOT** install the .NET 8.x Desktop Runtime prerequisites. You can use this if you already have the pre-requisites installed on the Windows Workstations.

This file is circa 12.5 MB

PowerSyncPro Migration Agent Installer with prerequisites bundle (Recommended)

You can install the following MSI that includes the .NET 8.x components: https://downloads.powersyncpro.com/current/PSPMigrationAgentInstallerSelfContained.msi





This MSI contains the .NET 8.x Desktop Runtime prerequisites. Due to this, the MSI is larger. The installation will deploy the .NET Desktop Runtime files that are required in the PowerSyncPro installation directory only. This means that if the Agent is uninstalled, it will remove the pre-requisites used as well.

This file is circa 126 MB

Local Agent Download

The MSI installers are also able to be downloaded directly from the PowerSyncPro Server that you will have installed from above. The URLs can be crafted from the PSP Server hostname or DNS A record and accessed directly from the Windows workstations as needed.

	msi MSI without prerequisites.
(PewerSyncPro	Direct URL https://[your_psp_server_fqdn]:5001/downloads/PSPMigration
2 Dashboard	AgentInstaller.msi
🛓 Download Agent 🛛 👻	msi with .Net (Recommended)
📩 msi 🛃 msi with .Net	This MSI also contains the .NET 8.x Desktop Runtime prerequisites.
	Direct URL https:// <mark>[your_psp_server_fqdn]</mark> :5001/downloads/self- contained/PSPMigrationAgentInstaller.msi





Installing the PowerSyncPro Migration Agent

Push Deployment

The installation of PowerSyncPro migration agent can be deployed via your preferred software deployment methods e.g. SCCM, Altiris, <u>Intune</u>, GPO etc.

User Interface - Local attended installation

On the workstation that will be hosting the PSP migration agent:

Create a downloads folder e.g. C:\SOURCE Download / Copy the migration agent MSI to C:\SOURCE Navigate to C:\SOURCE and run PSPMigrationAgentInstaller.msi

You will need:

PSK – Pre Shared Key

Pre-Shared Key created in the PowerSyncPro console:

PewerSyncPro	E Sync Service Agent
2 Dashboard	Pre Shared Keys
🛓 Download Agent 🗸 🗸	
🛓 msi	
🛓 msi with .Net	C 1-1 of 1 items
🔅 Settings 🗸 🗸	РЅК
Directories	
🔎 Pre Shared Keys	ntBreUenbHY1Ekny8k2rVFv9ZyrQBKWS3WYET2UY/Cw86vrkA95rkb34+ppvnMBc
Certificates	C 1-1 of 1 items
Runbooks	

The PowerSyncPro Server Endpoint URL

This is the URL of the PowerSyncPro Server kestrel endpoint. By default, this will be the PSP Server FQDN on TCP port 5000 with /Agent. (TCP Port 5000 needs to be open on the firewall) e.g. <u>http://pspserver01.contoso.local:5000/Agent</u>





or if you have used a friendly internal DNS name for your server it may be like: <u>http://pspmigration.contoso.local:5000/Agent</u>

If you have installed IIS as a reverse proxy and a configured URL rewrite and a deployed a public SSL cert, and an externally routable DNS name it would just be something like: https://pspmigration.contoso.com/Agent This use TCP Port 443

Click "Next".



Accept default destination folder and click "Next".





🛃 PowerSyncPro Migration Agent Setup 🛛 —	
Destination Folder	\sim
Click Next to install to the default folder or click Change to choose another.	
Install PowerSyncPro Migration Agent to:	
C:\Program Files\Declaration Software\PSP MA\	
Change	
Back Next	Cancel

Specify the pre-shared key and PSP URL and then click "Next".

• It will be prepopulated if running the msiexec command.

🔀 PowerSyncPro Migration	Agent Setup	_		×
Connection				\sim
Please provide the connec	tion options for the Migration Agent		(
Pre Shared Key:	PF+1ZUW2PiAJ7+YV8RXTIimam1aXGL	.9GSPbViL	1EEwZjm	TdBhé
PowerSyncPro URL:	http://PSP-TEST-APP3.psptesttrg.loca	l:5000/Ag	gent	
) Earce Register			
	Back Nex	t	Can	cel

Force Register

Under normal conditions you should never need to use Force Register so you should leave this unticked unless directed to by support. This is a specific use case for reinstalling the workstation





agent when the backend database record has been deleted and the agent needs to register itself again in order to communicate with the server.

You can also **Force Register** via the command line installer:

msiexec /i "C:\SOURCE\PSPMigrationAgentInstaller.msi"
PSK="<InsertSharedKeyGeneratedByPSP>" URL=http://<PSPServerName>:5000/Agent
FORCE=1

• Click "Install".

# PowerSyncPro Migration Agent Setup —		×
Ready to install PowerSyncPro Migration Agent		G
Click Install to begin the installation. Click Back to review or change any of you installation settings. Click Cancel to exit the wizard.	r	
Back Install	Car	ncel

The installation will commence.

Files will be installed to C:\Program Files\Declaration Software\PSPMA and C:\ProgramData\Declaration Software





🛃 PowerSyncPro Migration Agent Setup	-		×
Installing PowerSyncPro Migration Agent		(G
Please wait while the Setup Wizard installs PowerSyncPro Migration Age	ent.		
Status: Starting services			
Back Next		Can	cel

Click "Finish".

👷 PowerSyncPro Migration A	Agent Setup	_		×
PowerSyncPro	Completed the PowerSy Agent Setup Wizard Click the Finish button to exit the S	' NCPro M etup Wizard	ligratio 1.	'n
↑> ()				
	Back Fin	nish	Cano	el

Silent Install - Installation Switches for MSI

The MSI supports silent install, as long as you provide the correct installation switches for PSK and URL





e.g.

msiexec /i "C:\SOURCE\PSPMigrationAgentInstaller.msi"
PSK="PgeIzgquknNDve80Fc2ZVdrJmbs1Ph6oZt5LbtGBYfpzvLAGC1Lex24pwUVPDaS3"
URL=<u>http://powersyncpro.contoso.com:5000/agent</u> /quiet

or with SSL and IIS reverse proxy or other front-end appliance

msiexec /i "C:\SOURCE\PSPMigrationAgentInstaller.msi"
PSK="PgeIzgquknNDve80Fc2ZVdrJmbs1Ph6oZt5LbtGBYfpzvLAGC1Lex24pwUVPDaS3"
URL=https://powersyncpro.contoso.com/agent /quiet

Checking a Successful Installation

Default Installation Directory

C:\Program Files\Declaration 5 × +					-	D X	
\leftrightarrow \rightarrow \land \bigcirc \square > This PC > Local Disk (C:) > Program Files > Declaration Software > PSP MA > Search PSP MA > (C)						۹	
⊕ New ~ 🐰 🗘 🗋 🖄	😢 🔟 🛝 Sort ~ 🗮 View ~ …					📑 Details	
✓ 💼 Program Files	Name	Date modified	Туре	Size	File version		I.
> 🛅 Common Files	📒 ref	29/05/2024 12:01	File folder				I
✓ Declaration Software	늘 runtimes	29/05/2024 12:01	File folder				
🗸 🚞 PSP MA	DeclarationSoftware.PowerSyncPro.MigrationAgent.exe	24/05/2024 04:16	Application	167 KB	3.0.24145.1		
nef) Accessibility.dll	17/04/2024 19:37	Application extension	21 KB	8.0.524.21704		
> 🔁 runtimes	G Cassia.dll	06/04/2020 02:17	Application extension	33 KB	3.0.0.9		

ProgramData Directory

C:\ProgramData\Declaration	s × +					
$\leftarrow \rightarrow \forall \texttt{C}$	\Box > …	ProgramData > Declar	ation Software	> Migration Agent		Search I
🕀 New 🗸 🛛 🖸	(i (j)	🖻 🔟 🏷 Sort ~	\equiv View $\scriptstyle{\scriptstyle \sim}$			
> 🚞 Program Files (x86)		Name	D	ate modified	Туре	Size
✓ 🚞 ProgramData		PendingLogs.json	29	9/05/2024 12:01	JSON File	2 KB
✓ [™] Declaration Software		Runbooks.json	2	9/05/2024 12:01	JSON File	1 KB
🚞 Migration Agent						





Add/Remove Programs

	Control Panel\Programs\Programs and Features						
\leftarrow \rightarrow \vee \uparrow \blacksquare > Control Panel > Programs > Programs and Features						C Search Prc	
	Control Panel Home	Uninstall or change a program					
	View installed updates	To uninstall a program, select it from the list and then	click Uninstall, Change or Repair.				
•	Turn Windows features on or						
off		Organise 🔻 Uninstall Repair					
	Install a program from the network	Name	Publisher	Installed On	Size	Version	
		Teams Machine-Wide Installer	Microsoft Corporation	04/12/2021	118 MB	1.4.0.22976	
		Nemote Desktop Connection	Microsoft Corporation	22/03/2024			
		C PowerSyncPro Migration Agent	Declaration Software	29/05/2024	204 MB	3.0.24145.1	
		Berrie		10.005.0000.0	~~ · · · ·	5 4 9 5497	

Services

Run services.msc

Confirm the PowerSyncPro migration agent has been added and is running.

PowerSyncPro Migration Agent	Name		`		[Description	Status	Startup Typ
<u>Stop</u> the service <u>Restart</u> the service	 Parental Co Payments a Peer Name 	ntrols nd NFC/S Resolution	E Manago n Protoco	er I	E	inforces pa Manages pa inables serv		Manual Manual (Tri Manual
Description: An agent that will migrate this workstation to a new Directory and/or migrate a user to a new M365 ienant	 Peer Network Peer Network Performan Performan Phone Sen Plug and P PNRP Mac Portable D Power 	PowerSyr General Service Display Descrip	Log On name: name: tion:	Recovery PowerSynd PowerSynd An agent t Directory a tenant	ent Prop Depen cPro Mig cPro Mig hat will r and/or m	dencies dencies ration Agent gration Agent nigrate this wor igrate a user to	Computer) kstation to a r a new M365	New A
	PowerSynce Print Spoo Printer Ext PrintWorkf Problem R	Path to "C:\Pro Startup	executabl gram Files type:	e: \Declaration Automatic	n Softwa : (Delaye	re∖PSP MA∖De ed Start)	eclarationSoft	ware.Pow
	Quality Wi Radio Man RdAgent Recomme Recomme	Service S You car from he	status: Start n specify th re.	Running Stop ne start para	o ameters t	Pause hat apply wher	Res n you start the	sume service
Extended Standard /		Start pa	arameters:					





Confirm Agent Registration

If you have access, then you can confirm that the agent has been registered on the PSP Server. Connect to PSP Server, and choose Migration Agent tab, then Agents. It is a mandatory requirement for the Agent to become registered in the PowerSyncPro server database. All orchestration against this Windows Workstation is done at the PowerSyncPro server console. The Agent must be registered to be added to Batches to be able to receive Runbooks.

Dashboard	Agents					
Download Agent Settings	Domain Name:		Version:		Machine Nam	e:
Directories			•		T	-
Pre Shared Keys	Reset Filters					
Certificates						
Runbooks	Download CSV					
Batches	Machine	Directory	Agent	Version	OS Version	Registration
Reports 🗸 🗸	Name	Name	Type	Version	03 46131011	comptete
	W10WSTN-TST-	psptestsrc.local	Migration	3.0.23222.2	Microsoft Windows 10 Pro	~

Event Logs

The Windows Event Logs will give you additional information about the installation of PSPMA and if it successfully registered with the PSP Server.





🛃 Event Properti	es - Event 11707, Msilnst	aller		×
General Details	rSyncPro Migration Ager	nt Installation complete	ed successfully.	
Log Name: Source: Event ID:	Application Msilnstaller 11707	Logged: Task Category:	22/08/2024 23:48:33 None	•

	🛃 Event Properties -	Event 0, PowerSyncPro Migrat	tion Agent		×
-	General Details Category: Agent R EventId: 0 Registration succe	egistration ssful			
	Log Name: Source: Event ID:	Application PowerSyncPro Migration Ag 0	Logged: Task Category:	22/08/2024 23:48:32 None	†

Certificate Store

You will see the PowerSyncPro Agent certificate on the device:



 Certs - [Console Root\Certificates (Local Computer)\Personal\Certificates] File Action View Favourites Window Help 							
Certificates (Local Comput	Issued To	Issued By	Expiration Date				
Personal	🛱 22dcb3f9-10a4-4051-a809-cc4ed1a417	Microsoft Device Management De	20/12/2025				
Certificates	2 95362cf8-ade5-46a2-bc31-477f241cad02	Microsoft Intune MDM Device CA	18/12/2025				
Inusted Root Certificatio	🛱 PowerSyncPro MigrationAgent	PowerSyncPro MigrationAgent	20/12/2025				
> 📑 Intermediate Certificati	RowerSyncPro Workstation Agent	PowerSyncPro Workstation Agent	03/09/2026				
> 📋 Trusted Publishers							

Confirm Access to PowerSyncPro Server endpoint

You should check that you can get to the /agent endpoint and get a response page like below without any certificate warnings.

Open the default browser on the Windows Workstation and navigate to the endpoint that you used from above e.g.

Direct to Default Endpoint http://powersyncpro.contoso.com:5000/Agent





Direct to the PowerSyncPro with an SSL Certificate bound https://powersyncpro.contoso.com/5001/Agent

C PowerSyncPro X +	
 nttps://psptest.powersyncpro.com:5001/a 	gent
	C PowerSyncPro [™]
	PowerSyncPro Migration Agent Information Endpoint I
	PowerSyncPro Version: 3.1.24333.2 Pomote IP: 10.77.3.6
	 User Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/131.0.0.0 Safari/537.36 Edg/131.0.0.0
	© 2024 PowerSuncPro Version 3 1 24333 2

Published via IIS or other Appliance with an SSL Certificate using TCP port 443 and a re-direct https://powersyncpro.contoso.com/Agent











Upgrading PowerSyncPro Migration Agent

On the workstation that will be hosting the PSP migration agent. Download the latest MSI provided e.g. to C:\SOURCE.

Navigate to C:\SOURCE

• Run .\PSPMigrationAgentInstaller.msi



The installer automatically detects the existing installation Click "Install"



🛃 PowerSyncPro Migration Agent Setup 🛛 —		×
Ready to install PowerSyncPro Migration Agent	(
Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.		
Back Install	Can	cel

The upgrade will commence.

👷 PowerS	yncPro Migration Agent Setup	_	
Instal	ing PowerSyncPro Migration Agent		G
Please v	ait while the Setup Wizard installs PowerSyncPro Migra	tion Agent.	
Status:	Copying new files		
	Back	Next	Cancel

Click "Finish".

The migration agent has been upgraded.







Repairing PowerSyncPro Migration Agent

On the workstation that will be hosting the PSP migration agent. Navigate to C:\SOURCE if this is where the installation file has been downloaded to.

• Run .\PSPMigrationAgentInstaller.msi



Click "Next"





妃 PowerSyncPro Migration Agent Setup -	×
Change, repair, or remove installation	
Select the operation you wish to perform.	
Change PowerSyncPro Migration Agent has no independently selectable features.	
Repair Repairs errors in the most recent installation by fixing missing and corrupt files, shortcuts, and registry entries.	
Remove	
Removes PowerSyncPro Migration Agent from your computer.	
Back Next Cancel	

Click on "Repair".

滑 PowerSyncPro Migration Agent Setup	_		×
Ready to repair PowerSyncPro Migration Agent			G
Click Repair to repair the installation of PowerSyncPro Migration Ager review or change any of your installation settings. Click Cancel to exi	nt. Clid it the v	k Back to vizard.	
Back Repair		Ca	incel

The repair will commence.





ا 🕏	PowerSyncP	ro Migration Agent Setup		_		×
	Repairing	PowerSyncPro Migratio	n Agent		(
	Please wait w	hile the Setup Wizard repairs F	PowerSyncPro Migratio	n Agent.		
	Status:	Copying new files				
			Back N	lext	Can	cel

Click on "Finish".



Restart your workstation.









Uninstalling PowerSyncPro Migration Agent

Add/Remove Programs

You can simply uninstall from Add/Remove Programs as needed.

User Interface uninstall

On the workstation that will be hosting the PSP migration agent:

Navigate to C:\SOURCE.

• Run .\PSPMigrationAgentInstaller.msi



Click on "Next".





🞲 PowerSyncPro Migration Agent Setup —	×
Change, repair, or remove installation	
Select the operation you wish to perform.	
Change PowerSyncPro Migration Agent has no independently selectable features.	
Repair Repairs errors in the most recent installation by fixing missing and corrupt files, shortcuts, and registry entries.	
Remove Removes PowerSyncPro Migration Agent from your computer.	
Back Next Cancel	

Click on "Remove".

禮 PowerSyncPro Migration Agent Setup	_		×
Ready to remove PowerSyncPro Migration Agent			
Click Remove to remove PowerSyncPro Migration Agent from your c to review or change any of your installation settings. Click Cancel to	omputer exit the	. Click Ba e wizard.	dk
Back Remove		Car	ncel

The migration agent will be removed.





🕼 PowerSyncPro Migration Agent Setup 🛛 —		×
Removing PowerSyncPro Migration Agent		G
Please wait while the Setup Wizard removes PowerSyncPro Migration Agent.		
Status: Stopping services		
Back Next	Car	ncel

Click on "Finish".

PowerSyncPro Migration	Agent Setup	_		×
PowerSyncPro	Completed the PowerSy Agent Setup Wizard Click the Finish button to exit the S	ncPro №	1igratic 1.	'n
↑> ()				
	Back Fin	nish	Cano	el

Note that the agent registration information and the runbooks and status information will persist. If you want to delete these then please also delete

- HKLM\Software\Declaration Software\Migration Agent*.*
- C:\ProgramData\Declaration Software\Migration Agent*.*



After these are deleted then upon re-installation the agent will attempt to reregister from scratch. Note that this will fail unless the agent registration has also been deleted from the PSP service

Command Line Uninstall





Troubleshooting

.NET Desktop Runtime not installed

• Installing the migration agent when not having .Net installed.

妃 PowerSyncPro Migration Agent Setup —		×
Installing PowerSyncPro Migration Agent		
Please wait while the Setup Wizard installs PowerSyncPro Migration Agent.		
Status: Starting services		
Back Next	C	ancel

You will eventually receive the following error message. Click "Cancel".





🔀 PowerSyncP	ro Migration Agent Setup —	×
Installing	PowerSyncPro Migration Agent	G
Please wait v	while the Setup Wizard installs PowerSyncPro Migration Agent.	~
Status:	Service 'PowerSyncPro Migration Agent' (PowerSyncPro Migration Agent) failed to start. Verify that you have sufficient privileges to start system services.	×
	<u>R</u> etry Cancel	
	Back Next	Cancel

Click on "Yes".

🔀 PowerSyr	cPro Migration Agent Setup —	
Installin	g PowerSyncPro Migration Agent	G
Please wa	it while the Setup Wizard installs PowerSyncPro Migration Agent.	
	ReverSyncPro Migration Agent Setup	×
Status:	Are you sure you want to cancel?	
	Yes No	
	Back Next	Cancel

Click on "Finish".





Event Viewer

- Open event viewer
- Navigate to Windows logs Application
- Right click on Application and click "Find".
- Search for error ID "1023" to confirm .NET installation issue.

Description: A .NE Application: Decla Path: C:\Program \DeclarationSoftw Message: You mu App: C:\Program	T application failed. rationSoftware.PowerSyncPr Files\Declaration Software\P are.PowerSyncPro.Migration st install .NET to run this app Files\Declaration Software\P:	ro.MigrationAgent SP MA Agent.exe lication. SP MA	.exe	`	
og Name:	Application				1
Source:	.NET Runtime	Logged:	9/13/2023 10:33:08 AM		4
event ID:	1023	Task Category:	None		
.evel:	Error	Keywords:	Classic		
Jser:	N/A	Computer:	W10WSTN-TST-002.psptestsr	c.loca	
OpCode:	Info				

- Install .NET Desktop runtime <u>https://dotnet.microsoft.com/en-us/download/dotnet/6.0</u>.
- Once installed, start PowerShell as an administrator.



• Navigate to C:\SOURCE.

Run .\PSPMigrationAgentInstaller.msi again and follow guide above.

Microsoft Windows Desktop Runtime - 8.0.2 (* Installation was successful The following was installed at - Microsoft Windows Desktop Runtime - 8.0.2 (****) Resources Documentation Release Notes Intorials .NET Core Telemetry	
Installation was successful The following was installed at • Microsoft Windows Desktop Runtime - 8.0.2 (x64) Resources Documentation Release Notes Intorials NET Core Telemetry	(x64)
The following was installed at - Microsoft Windows Desktop Runtime - 8.0.2 (x64) Resources Documentation Release Notes Intorials .NET Core Telemetry	
Resources Documentation Release Notes <u>Tutorials</u> .NET Core Telemetry	
Q	∑lose

Re-registering the deleted database agent

Force Register

You will need to re-install the workstation agent if the agent record has been manually deleted on the PSP Server database and the registry settings for the migration agent still exist. The agent needs to register itself again in order to communicate with the server.

You can also **Force Register** via the command line installer:

msiexec /i "C:\SOURCE\PSPMigrationAgentInstaller.msi"
PSK=" <mark><insertsharedkeygeneratedbypsp></insertsharedkeygeneratedbypsp></mark> " URL= <mark>http://<pspservername>:5000/Agent</pspservername></mark>
FORCE=1

Run:.\PSPMigrationAgentInstaller.msi





Choose the specified directory path.

扰 PowerSyncPro Migration Agent Setup —	□ ×
Destination Folder	\sim
Click Next to install to the default folder or click Change to choose another.	
Install PowerSyncPro Migration Agent to:	
C:\Program Files\Declaration Software\PSP MA\	
Change	
Back Next	Cancel

Specify the pre-shared key and PSP URL if not prepopulated Check "Force Register" Click "Next"





PowerSyncPro Migratio	n Agent Setup — 🗆 🗙
Connection	
Please provide the conn	ection options for the Migration Agent
Pre Shared Key:	PF+1ZUW2PiAJ7+YV8RXTIimam1aXGL9GSPbViL1EEwZjmTdBh6
PowerSyncPro URL:	http://PSP-TEST-APP3.psptesttrg.local:5000/Agent
	Force Register
	Back Next Cancel

Click "Install".

🕼 PowerSyncPro Migration Agent Setup	_		×
Ready to install PowerSyncPro Migration Agent			G
Click Install to begin the installation. Click Back to review or change ar installation settings. Click Cancel to exit the wizard.	iy of yo	bur	
Back Install		Can	cel

The installation will commence.

This will re-register the migration agent on the PSP Server.





😸 PowerSyncPro Migration Agent Setup 🛛 —		×
Installing PowerSyncPro Migration Agent		G
Please wait while the Setup Wizard installs PowerSyncPro Migration Agent.		
Status: Starting services		
Back Next	Can	icel

Click "Finish".

Completed the PowerSyncPro Migration Agent Setup Wizard Click the Finish button to exit the Setup Wizard.	PowerSyncPro Migration A	Agent Setup	-		×
	PowerSyncPro	Completed the PowerSy Agent Setup Wizard Click the Finish button to exit the S	/ncPro M	1igratic 1.	n
Back Finish Cane	^) ⊙ ⊕	Back Fi	nish	Can	cel

PSP Migration Agent Endpoint not allowed on PSP Server Firewall

You receive the following error in the Event Viewer – Windows Logs – Application.

• It is unable to connect to port 5000 on the PSP Server to register the migration agent.





General Details		2		
Category: Agent A Eventid: 0 HttpMethod: POS Uri: <u>http://psp-tes</u> {OriginalFormat}: 1 A transient HTTP e	PI T t <u>-app3.psptesttrg.local:5000/A</u> HTTP {HttpMethod}{Uri} error occurred while contacting	gent/register g PSP server. Wai	t for 4 minute(s), then making v	
Log Name:	Application			
Source:	PowerSyncPro Migration Ag	Logged:	9/29/2023 11:02:51 AM	•
Event ID:	0	Task Category:	None	
Level:	Error	Keywords:	Classic	
User:	N/A	Computer:	W10WSTN-TST-003.psptestsrc.loca	
OpCode:	Info			
More Information:	Event Log Online Help			
Сору				Close

Then you will need to configure / enable an inbound rule.

Create a Firewall Rule

Using command line netsh. From an elevated prompt run:

netsh advfirewall firewall add rule name="PowerSyncPro Agents" dir=in action=allow protocol=TCP localport=5000-5001

From the Windows Defender Firewall with Advanced Security UI

- Open Firewall & Network Protection on your PSP Server
- Select "Advanced Settings"
- Select "Inbound Rules"
- Actions New Rule
- Select "General" tab
- Specify "PowerSyncPro Migration Agent Endpoint" in "Name" field
- Confirm "Allow the connection" is checked under action





PSPMA End	lpoint Pro	perties				×
Protocols a Genera	and Ports al	Scope Programs	Advanced s and Services	Local Pri	ncipals Remote	Remote Users Computers
General	Name: PSPMA Descriptio	Endpoint on: led				¢
Action	 Allow Allow Cus Block 	the connect the connect tomize	tion tion if it is secu tion	re		
			OK	(Cancel	Apply

- Switch to "Protocols and Ports"
- Protocol Type:
 - o TCP
- Local port:
 - o Specify all relevant Ports e.g.
 - These may vary per your own configuration and port choices and if you are also using other PSP Remote Agents. 5000 is the default minimum for PSP Migration Agent.
 - o **5000**
- Remote port:
 - o All Ports





PS	SPMA End	point Pro	perties				×
	Genera	I	Program	s and Services		Remote Cor	mputers
	Protocols a	nd Ports	Scope	Advanced	Local Princ	ipals Re	emote Users
	Protocol	s and ports					
	None-	Protocol t	ype:	TCP		~	
		Protocol r	number:		6 🜲		
		Local por	t:	Specific F	orts	~	·
				5000			
				Example:	80, 443, 500	0-5010	
		Remote p	ort:	All Ports		~	·
				Example:	80 443 500	0-5010	
				Detect			
		(ICMP) se	ontroi ivies: attings:	sage Protocol	C		
				ОК	Ca	ncel	Apply

- Switch to "Scope"
- Local IP address:
 - o Any IP address
- Remote IP address:
 - o Any IP address





Genera	il	Program	s and Services		Remote Computers	
Protocols a	nd Ports	Scope	Advanced	Local F	rincipals	Remote Users
- Local IP	address -					
	Anv	IP address				
<u> </u>	O Thes	e IP addres	ses'			
					Edit	
					Remove	
Remote	IP address	3				
	Any	IP address				
	⊖ Thes	e IP addres	ses:			
					Edit	

- Click "OK".
- Connect to your PSP Server.
- Click on URL: <u>http://localhost:5000/migrationAgent/agents</u> to open Agents view.
- Confirm that the migration agent for that desktop has been registered in PSP.

Machine Name	Directory Name	Agent Type	Version	OS Version	Registration Complete	Last Contact
W10WSTN-TST- 003	psptestsrc.local	Migration Agent	3.0.23222.2	Microsoft Windows 10 Pro (10.0.19045) - 64-bit	~	17/10/2023 14:57





Intune App Deployment

Head to your Intune Portal

https://intune.microsoft.com/#view/Microsoft_Intune_DeviceSettings/AppsWindowsMenu/~/wind owsApps and select Apps from the left-hand navigator, then Windows | Windows Apps and click Add.

Select app type

Line-of-business app

Select app type	×
App type Line-of-business app	~
Line-of-business app	
To add a custom or in-house app, upload the app's installation file. Make sure the file extension matches the app's intended platform. Intune supports the following line-of-l app platforms and extensions:	ousiness
 Android (APK) iOS (IPA) macOS (.pkg) Windows (.msi, .appx, .appxbundle, .msix, and .msixbundle) 	

App package file

Choose the PSPMigrationAgentInstaller.msi

Which MSI?

Be sure to select the correct MSI for your Use Case

• If you are NOT installing the .NET 8.x prerequisites in advance, then you **must** choose the self-contained MSI version that is circa 64 MB. This file contains the .NET 8x runtime files.



"PSPMigrationAgentInstaller.msi"	6
Name: PowerSyncPro Migration Agent	
Platform: Windows	
Size: 63.36 MiB	
MAM Enabled: No	
Execution Context: Per-Machine	

• If you are installing the .NET 8.x prerequisites in advance, then you should use the file that is circa 12 MB

App package file	×
App package file * 🕕	
"PSPMigrationAgentInstaller.msi"	8
Name: PowerSyncPro Migration Agent	
Platform: Windows	
Size: 11.84 MiB	
MAM Enabled: No	
Execution Context: Per-Machine	

Command-line arguments

Here you need your pre shared key and end-point URL. e.g.

- PSK="ntBreUen6HY1ERhy8k27VFv9ZyrQBKWS3WYET2UY/Cw86vrkA95rkb34+ppvnMBc"
- URL="https://pspma.contoso.t2t.dev:8443/Agent"

These should be on one unbroken line e.g.

PSK="ntBreUen6HY1ERhy8k27VFv9ZyrQBKWS3WYET2UY/Cw86vrkA95rkb34+ppvnMBc" URL="https://pspma.contoso.t2t.dev:8443/Agent"



Here is an example of configuring PowerSyncPro for an Intune Application Deployment

App information Review + save	
Select file to update * ①	PSPMigrationAgentInstaller.msi
Name * ①	PowerSyncPro Migration Agent WITH pre-reqs
Description * ①	PowerSyncPro Migration Agent
	Edit Description
Publisher * ①	Declaration Software Limited
App install context ①	User Device
Ignore app version ①	Yes No
Command-line arguments	PSK="ntBreUen6HY1ERhy8k27VFv9ZyrQBKWS3WYET2UY/Cw86vrkA95rkb34+ppv nMBc" URL="https://pspma.contoso.t2t.dev:8443/Agent"
Category ①	Computer management \checkmark
Show this as a featured app in the Company Portal ①	Yes No
Information URL ①	https://powersyncpro.com
Privacy URL ①	https://powersyncpro.com
Developer ①	Declaration Software Limited
Owner ①	
Notes ①	
Logo 🛈	Change image





Name	\uparrow_{\downarrow}	Туре	Status	Version	Assigned
PowerSyncPro Migration Agent WITH pre-reqs		Windows MSI line-of-business app		3.1.24299.1	Yes
PowerSyncPro Migration Agent without pre-reqs		Windows MSI line-of-business app		3.1.24299.1	Yes

You can check the Logs for any installation errors

"C:\ProgramData\Microsoft\IntuneManagementExtension\Logs\IntuneManagementExtension.log"

IMPORTANT NOTE:

Intune Required App v Available App for enrolled devices

If you are using Intune to push out the PowerSyncPro Migration Agent, then there is a possibility it could be uninstalled / removed during the execution of the migration agent part way through, and your migration will fail to complete

«	Home > Apps Windows	> Windows Windows a	apps > PowerSyncPro Migration Agent
A Home ▲ Dashboard	Edit application Windows MSI line-of-business app		
All services			
📑 Devices	Assignments Review +	- save	
Аррз	Required ①		
🔩 Endpoint security	, v		
🚰 Reports	Group mode	Group	
名 Users	Included	All users	
🎎 Groups	+ Add group 🛈 + Add all u	sers ① + Add all devices (D
Tenant administration Troubleshooting + support	Available for enrolled devices 🕜		
	Group mode	Group	
	No assignments		
	+ Add group () + Add all u	sers ()	

If the Intune App deployment is configured under assignments as "Required" then when a device is de-registered from the Source Intune/Entra as part of a migration, the PowerSyncPro application





will be uninstalled. Please thoroughly end-to-end test your migration in advance of a production roll-out.

If you are seeing this issue, then you can consider packaging the agent as a "Windows app (Win32)" or contact support for a pre-migration command that can be executed to block the application from being uninstalled.





Windows app (Win32)

App information Edit

Device restart behavior

Return codes

Name	PSPMA WITH pre-reqs
Description	PowerSyncPro Migration Agent
Publisher	DSL
App Version	3.1.24299.1
Category	No Category
Show this as a featured app in the Company Portal	No
Information URL	No Information URL
Privacy URL	No Privacy URL
Developer	No Developer
Owner	No Owner
Notes	No Notes
Logo	No logo
Program Edit	
Install command	msiexec /i "PSPMigrationAgentInstaller.msi" /qn PSK="ntBreUen6HY1ERhy8k27VFv9ZyrQBKWS3WYET2UY/Cw86vrkA95rkb34+ ppvnMBc" URL="https://pspma.contoso.t2t.dev:8443/Agent"
Uninstall command	msiexec /x "{7873A325-E4EF-4F94-95F3-C9F426E0E5AF}" /qn
Installation time required (mins)	60
Allow available uninstall	Yes
Install behavior	System

App install may force a device restart

0 Success 1707 Success 3010 Soft reboot 1641 Hard reboot 1618 Retry





Requirements Edit

Operating system architecture	х64
Minimum operating system	Windows 10 1607
Disk space required (MB)	No Disk space required (MB)
Physical memory required (MB)	No Physical memory required (MB)
Minimum number of logical processors required	No Minimum number of logical processors required
Minimum CPU speed required (MHz)	No Minimum CPU speed required (MHz)
Additional requirement rules	No Additional requirement rules
Detection rules Edit	
Rules format	Manually configure detection rules
Detection rules	File C:\Program Files\Declaration Software\PSP MA\
Dependencies Edit	
Dependencies	No Dependencies
Supersedence Edit	
Supersedence	No Supersedence



