# **KB ARTICLES**





KB2024 -How to Set up Azure AD SSO for TITAN<sup>®</sup> iMobile

## Scenario:

TITAN<sup>®</sup> iMobile now supports user authentication via Azure Active Directory Single Sign On (SSO). Implementation of this functionality requires some initial configuration.

### Solution:

To begin proceed to the Azure Active Directory Admin Center at: <a href="https://aad.portal.azure.com/">https://aad.portal.azure.com/</a>

From here on the left-hand panel select "Azure Active Directory"



On the "Azure Active Directory" menu select "App Registration"

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On the "Register an application" page:

Name: Can be a friendly name for you Application Registry reference.

#### Supported account type:

"Accounts in this organizational directory only (single tenant)" unless otherwise needed.

Redirect URI: Type: "Single-page application (SPA) URL: <u>https://<domainname>/azure</u>



#### Then click the "Register" button at the bottom.

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After registering make note of the following information on the next page as it will be needed later: Application (client) ID

Directory	(tenant)	ID
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△ Essentials		
Display name	: TITAN iMobile SSO	
Application (client) ID		
Object ID	: 61	
Directory (tenant) ID	: <u>6</u> 11111	
Supported account type	s: <u>My organization only</u>	

Once the Client ID and Tenant ID has been noted proceed to "Expose an API"

•	TITAN iMobile S	SO
2	Search (Ctrl+/)	«
14	Overview	
<b>#</b>	Quickstart	
×	Integration assistant	
Ma	nage	
	Branding & properties	
Э	Authentication	
Ŷ	Certificates & secrets	
t!!t	Token configuration	
÷	API permissions	
•	Expose an API	
112	App roles	
24	Owners	

On the Expose an API: Application ID URI: Click set



Add a scope

On the "Add a Scope" menu enter the following information ()Note you may edit this information as needed:)

#### Scope Name: User.Read

Display Name: Sign in and read user profile



#### Once the scope has been created copy the full scope API URI and make note of it:

Scopes defined by this API		
Define custom scopes to restrict access to data and functionality API can request that a user or admin consent to one or more of	y protected by the API. Ar these.	n application that requires access to parts of this
Adding a scope here creates only delegated permissions. If you type. Go to App roles.	are looking to create app	lication-only scopes, use 'App roles' and define app roles assignable to application
+ Add a scope		
Scopes	Who can consent	Admin consent display User consent display na State
api://t 🖆 👘 🖓	Admins and users	Sign in and read user prof Sign you in and read your Enabled
Authorized client applications		

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Then proceed to "API Permissions" from the Registered Application menu:



On the API Permission > Configured Permission page select "Add a Permission"



From the Request API Permission menu select "My APIs" and select the Exposed API that was just created:

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Request A	PI permissions	
Select an API		
Microsoft APIs	APIs my organization uses	My APIs
Applications that	expose permissions are shown be	low

Then check the permissions: User.Read and then click the "Add Permissions" button at the bottom:

TITAN iMobile SSO	
apit//E	
What type of permissions does your application require?	
Delegated permissions Application permissions	
Your application needs to access the API as the signed-in user. Your application runs as a background service or daemon without a signed-in user.	
Select permissions expand al	
Permission Admin consent required	
∨ User (1)	
User.Read ()	
Sign in and read user profile	

This was the final step in setting up TITAN<sup>®</sup> iMobile on the Azure Active Directory admin center: At this point you should have the following noted:

- Application (client) ID
- Directory (tenant) ID
- Full scope API URI

From here we may proceed to the TITAN<sup>®</sup> iMobile appConfig.json file located in assets folder of TITAN<sup>®</sup> iMobile

In the appCofig file edit the following locations removing any "<Place Holders>" azureAD set to true

- azure\_clientid = Application (client) ID
- azure\_authority = Append Directory (tenant) ID after login URI /
- azure\_scope = Full scope API URI

"azureAD": true,
"azure_clientid": " <add client="" id="">",</add>
"azure_authority": "https://login.microsoftonline.com/ <add id="" tenant="">",</add>
"azure_scope": " <add full="" scope="" uri="">"</add>

Once configured starting TITAN<sup>®</sup> iMobile will take you to an iMobile Azure login page:



Clicking sign in will redirect you to a Windows login page:

Microsoft			
Sign in			
Email, phone, or Sky	pe		-
Can't access your accou	unt?		
	Back	Next	
🔍 Sign-in optior	ns		

Once signed in Microsoft will redirect you to TITAN® iMobile and will allow you to enter the site.



NOTE: The TITAN<sup>®</sup> iMobile collector will need to have proper TITAN<sup>®</sup> iMobile permissions and be linked to an Employee Contact that has the same email addressed used to login into Azure AD Authentication.

### Applies To: TITAN<sup>®</sup> iMobile v1.3 and higher

### FOR MORE INFO Contact your ATL Account Manager or Project Manager.

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