



# Getting you started with Microsoft Dynamics 365 Business Central Add-on Apps

White Paper  
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# Build your business on Dynamics 365 Business Central

Microsoft Dynamics 365 Business Central is a business management solution that helps companies connect their financials, sales, service and operations to streamline business processes, improve customer interactions and make better decisions. With this modern business platform, you can easily and quickly tailor, extend and build applications so they fit your specific needs — with little to no code development.

AppSource is Microsoft's marketplace for your Dynamics 365 Business Central offerings and there are several reasons why going to market with Microsoft AppSource is a great idea. For example, it allows you to promote your brand, expand your reach, accelerate the customer journey and upsell your solutions and it connects you with millions of Office 365 & Dynamics 365 business users.

You can bring two types of offerings to Microsoft AppSource: Individual Apps (where you bring your industry expertise to market) or Packaged Consulting services (where you bring ready-made packaged engagements to market). Find more information about which opportunities you have as a partner at: <http://aka.ms/BusinessCentralApps>

## How to get started with your Business Central add-on apps

To ease your journey, from the initial object request to the final publication of your app, we have created a set of guidelines on how to build and publish an app for Business Central. We recommend that you use these guidelines throughout the process of bringing your app to AppSource.

To bring your Business Central Add-on app(s) to AppSource you need to go through the following steps:

- **Getting you started**  
It describes how to set up the necessary agreements, accounts, licenses and tools you need to have in place.
- **Developing and publishing your app**  
This document outlines how to develop the technical and marketing aspects of your App. It also explains the process you need to follow to publish your app.

You can find these guidelines on: <http://aka.ms/BusinessCentralAddOnApps>

This document is focusing on Getting you started.

If you have questions or feedback on this paper, don't hesitate to reach out to [Dyn365BEP@microsoft.com](mailto:Dyn365BEP@microsoft.com)

# Create your accounts

## Your MPN ID

All App builders must be identifiable to Microsoft. For this reason, you need to become a member of Microsoft's Partner Network (MPN) – this will of course be off no cost to you. Sign up to become a member in our Partner network here:

<https://partners.microsoft.com/PartnerProgram/simplifiedenrollment.aspx>

## Your PartnerSource Business Center (PSBC) account and your unique license file

### Registration process

Developing an Add-on app requires you to be known as Dynamics 365 Business Central developer and requires you to have a unique development license file with a specific object range. To obtain an object range for developing a Microsoft Dynamics 365 for Financials extension module, you must first have access to [PartnerSource Business Center](#) (PSBC).

Access is provided by having an active Solution Provider Agreement (SPA) if you are a reselling partner using the Dynamics Pricelist or a Partner Registration Agreement (PRA) if you are a non-selling partner. The relevant contract can be requested through your local Regional Operations Center (ROC) Contracts and Agreements Team below:

- [mbscon@microsoft.com](mailto:mbscon@microsoft.com) : If you are based in Europe, the Middle East, or Africa.
- [mbsagree@microsoft.com](mailto:mbsagree@microsoft.com) : If you are based in the Americas.
- [mbslques@microsoft.com](mailto:mbslques@microsoft.com) : If you are based in the Asia Pacific region.

### Requesting and selecting the correct license file

When developing an Add-on app for Dynamics 365 Business Central you must decide upfront whether you want to deploy your app:

- **Only at the Dynamics 365 Business Central Service.**  
In this case you will be able to request your unique object range for the Dynamics 365 Business Central service, your app can have a max. 1000 objects. When requesting this type of license, you will be assigned a 70 million object range and there will be no costs involved. Remember that you can only deploy your app in the Microsoft Dynamics 365 Business Central.  
For more information on how to request a license for Dynamics 365 Business Central Apps. Request your license [here](#)
- **Both at the Dynamics 365 Business Central Service and in your on-premise/partner hosted deployments of Dynamics NAV.**  
In this case you will be able to use your unique object range assigned to you from within the Microsoft Registered Solution (RSP) program. All requirements from within the RSP program apply. To learn more about the RSP Program and to request your unique range, click [here](#)

If you decide to maintain 2 code bases for your App, you can combine both licensing methods. It is up to you to decide what is best for your App, solution or customers.

## Downloading your license file

Your license file can be downloaded from [Partnersource business Center](#).

**Step 1:** Go to tab “Developer tools”, select “License key configuration”

**Step 2:** Select “Demonstration and development” in the <program type> field, click “Create new configuration”

**Step 3:** Create the License Key Configuration by completing the fields that are presented

Create License Key Configuration

Sign Out

Please click [here](#) to open a user guide explaining how to use the License Key Configurator Tool.

Configuration Information

Program Type :

Demonstration and Development

Users Country :

Iceland

License Country :

United States

Configuration Name :

Configuration Notes :

Product Line Information

Product Line :

Microsoft Dynamics NAV Perpetual

Major Version :

2016

Country Code :

Country Code: United States

Product Edition :

610 Partner Demo/Dev Module

Template Information

Template :

NAV 2016 SPA Demo/Dev

Company Name :

Cronus

Select Modules

**Step 4:** Click on ‘Select Modules’ when the Configuration Information is completed. Select all desired modules and click ‘Save’

Select Modules

Modules Information

[Select All](#) | [Clear All](#)

Module	User Limit	Maximum User Limit
<input checked="" type="checkbox"/> 450 Demo/Dev Full User CAL (Concurrent User)	20	20
<input checked="" type="checkbox"/> 460 Limited Concurrent CAL	3	3
<input checked="" type="checkbox"/> 610 Partner Demo/Dev Module	0	0
<input checked="" type="checkbox"/> Country Code: United States	0	0

Save

Cancel

**Step 5:** Request License file

Set “Yes” for ISV Insert Rights (Important step!) and download license file and permission report

## Request License Keys

### Configuration Details

**Template:** NAV 2016 SPA Demo/Dev  
**Product Line:** Microsoft Dynamics NAV Perpetual  
**Version:** 2016  
**Configuration Name:** Test  
**Configuration Notes:**  
**ISV insert rights:** Do you want ISV insert rights included? Yes

### Navision

License Holder: Cronus

[Download Current License/Registration Key](#)

Permission Report Detailed (txt) ▼

[Download Permission Report](#)

### Microsoft Dynamics Adapter

License Holder: Cronus

Feature Name	License Key
Connector for Microsoft Dynamics	14101H163688

## Your developer accounts

A developer account enables you to submit apps and add-ins to Microsoft's marketplaces, including the Windows Store, Office Store, Azure Marketplace, and Microsoft AppSource.

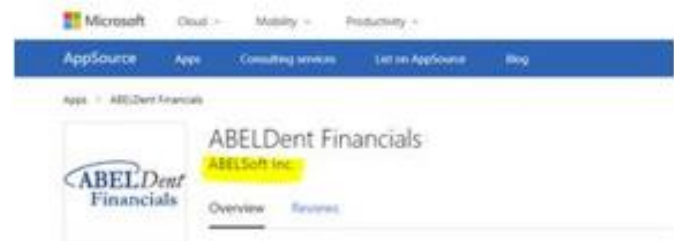
Note: You only need one developer account per company (not one per app submission); a one-time registration fee applies.

Register (or check if you already have access) here: <https://developer.microsoft.com/en-us/store/register>

When registering for a Microsoft Developer Account you will be asked to provide an "E-mail address" and a "Publisher display name". When choosing your display name and primary email account, please take the following into account:

- To ease submission and avoid missing vital communications we recommend you provide a companywide email/dev center account that can be shared across multiple users so that several people can manage your portal submission.
  - Though, if you prefer a singular account, where you can add multiple users through the portal, then this is possible too.

A display name refers to how you want your company name displayed on your app in [Microsoft AppSource](https://appsource.microsoft.com/), Microsoft's App Marketplace. See example to the right, where the display name is highlighted in yellow.



### Consistency is key!

It is key that you use the same display name and email throughout your app submission, as you will be asked to provide them in several different touch points. such as e.g.:

- To complete your Object Request Form (ORF)
- To sign into the Cloud Partner Portal (and creating your app offer)
- To enroll and sign in to the Collaborate tool and "Ready to Go" platform

### Access to the Cloud Partner Portal

The Cloud Partner Portal is the place where you first will submit your App for validation and later submit it for publication.

In order to be set up as a publisher and access [the Cloud Partner Portal](#), you need to email **Ryan Weigel** at [rweigel@microsoft.com](mailto:rweigel@microsoft.com), and provide him the following information:

- Your Publisher display name (which will be displayed on AppSource)
- The Email account you chose as the primary contact (which is needed when logging into the Cloud Partner Portal)
- Your MPN ID



# Get onboarded to tools and programs

## Creating your development environment

You have 3 options to work develop against the current version of Microsoft Dynamics 365 Business Central.

- If your add-on is lightweight, it might be sufficient to use a sandbox environment. <https://docs.microsoft.com/en-gb/dynamics-nav/developer/devenv-get-started>
- If you want to setup a docker based development environment on Azure, you can use: <http://aka.ms/BCSandboxAzure>
- If you want to setup a local docker based developer environment, you can download a PowerShell script available at <http://aka.ms/BCSandboxLocal>

Access to pre-release builds is available through the [“Ready-to-go” program](#)

## Get onboarded into the “Ready to Go” Program and platform

The “Ready to Go” program contains a set of resources, services and tools which enables you to provide your offerings on Microsoft Dynamics 365 Business Central and Microsoft Appsource. It contains 3 core elements:

- An extensive resource library hosted on the “Dynamics Learning Portal”. It contains readiness information for marketers, business decision makers, Architects and developers. It addresses the needs of both reselling partners of Dynamics 365 Business Central as App builders who want to provide Apps on Microsoft AppSource. Learn more at <http://aka.ms/ReadyToGo>
- “ISV Development Centers” and Master VARs provide “Ready to Go” offerings which helps you get going with Dynamics 365 Business Central and Microsoft AppSource. For example, the “Ready to Go” validation workshop is a one day online offer, designed to validate your total go-to-market plan, both from a commercial as from a technical aspect and It coaches you in areas where you need guidance. Learn more at <http://aka.ms/ReadyToGo>
- The “Ready to Go” platform is a place where you can find current & upcoming builds of Dynamics 365 Business Central which helps you with your App development and testing. It also holds a way to provide feedback to the Microsoft engineers working on Dynamics 365 Business Central. The “Ready to Go” platform is hosted on [Microsoft Collaborate](#).

## Prerequisites you need to have to register on Microsoft Collaborate

- Azure Active Directory (AAD)  
Note: If you have Office 365 then your company should have AAD
- AAD Global Administrator permission  
To find out if your company has an AAD account, please check with your Network Administration team for your company.

## How your Global Administrator must register for Collaborate

Not all people from your company can initiate the onboarding into Collaborate – only your company Global Administrator has the permission to do so. To start the registration process, your company

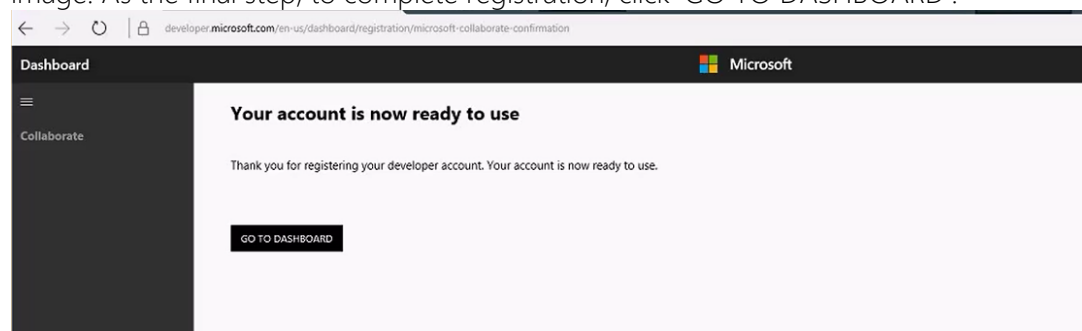


Global Administrator must first go to the following link: <http://aka.ms/Collaborate>. Next, your company Global Administrator must click on the 'Get Started' option under the 'Microsoft Collaborate' header.

Note: If you are properly registered, and have setup your above Developer Account, the registration page should autofill with your Company details. If the page is not filled automatically, please complete the form manually. Once completed, be sure and click the 'Terms of Use' (TOU) checkbox at the bottom of the registration page. Note: You need to accept the TOU to successfully register).



Click the 'Next' button to complete your initial registration. When successful, you will see the below image. As the final step, to complete registration, click 'GO TO DASHBOARD'.

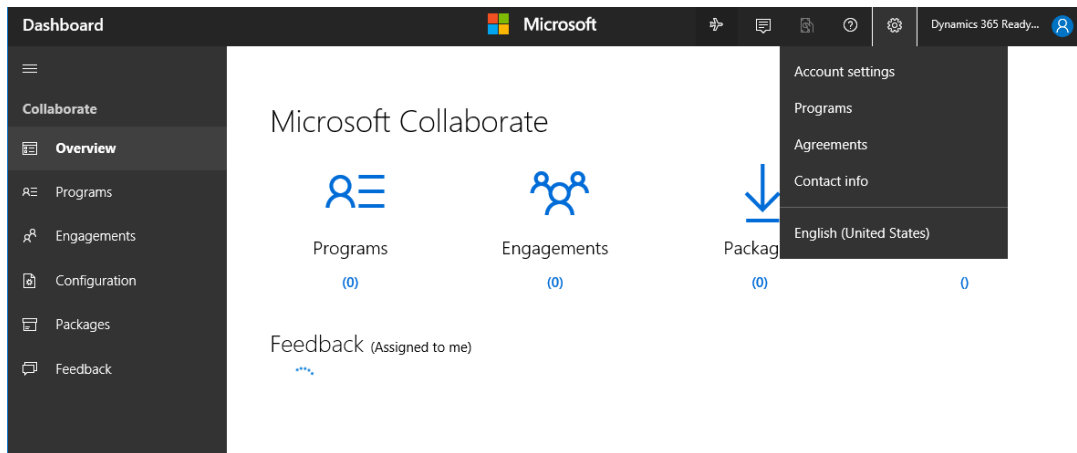


### Add your coworkers to Microsoft Collaborate

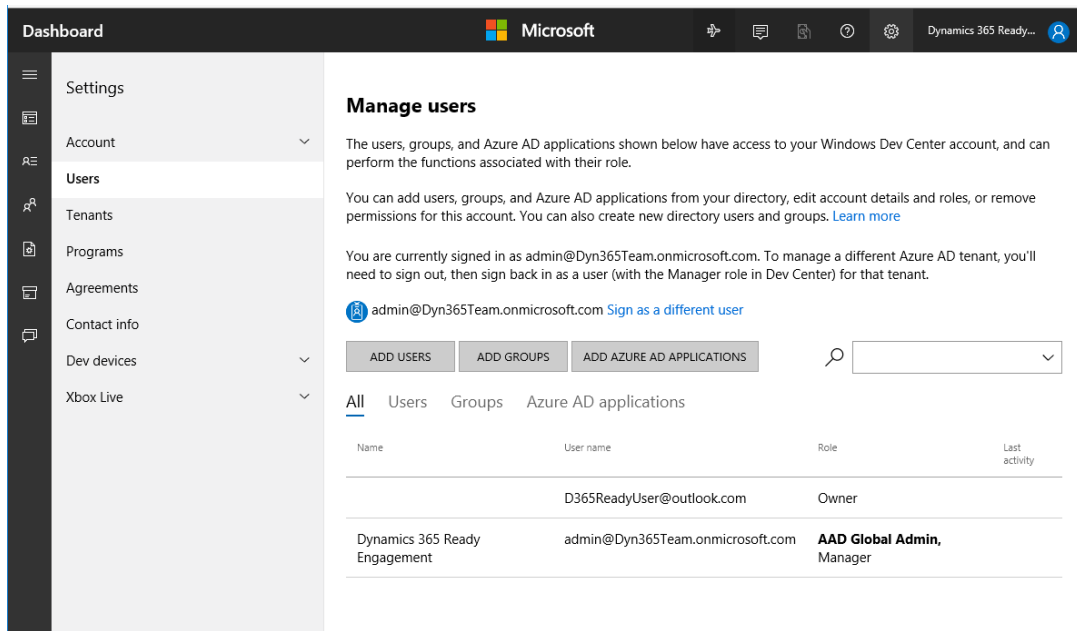
If you DO NOT want to add any coworkers, please skip this part and move on to the next section called "requesting access to engagements" and Download Packages through Microsoft Collaborate.

If you DO want to add coworkers, please follow the steps below:

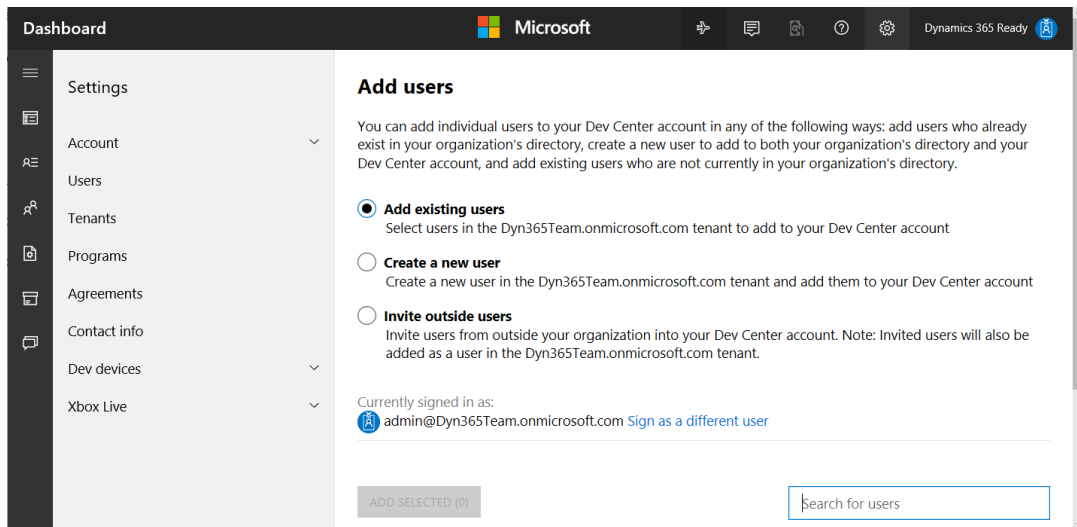
1. Log on to Microsoft Collaborate with your Global Administrator account on <http://aka.ms/Collaborate>
2. Click on the 'Gear' Icon on the top right corner of the page and then on 'Account Settings' as shown below



- Click on 'Users' under 'Settings' in the grey panel on the left-hand side of the page. The following image will appear:



- Click the grey 'ADD USERS' button and leave the default choice to 'Add existing users' as-is. Now you can search for the user(s) that you want to add to Collaborate. To add them you have to select them from the menu, and then click the grey 'ADD SELECTED' button (see image below).



5. You have now successfully added your coworker to Collaborate. The added users will appear in your list of users and will now be able to log on to Microsoft Collaborate using the following link: <http://aka.ms/Collaborate>

### Requesting access to engagements

Once you have successfully registered (and added coworkers) to the Collaborate tool, please send an email to the Dynamics 365, Business Edition Early Engagement Programs Team at [Dyn365BEP@microsoft.com](mailto:Dyn365BEP@microsoft.com), and request access to the Ready! engagement and its available download packages. In this email, please specify the following:

- Your 'Publisher Display Name'
- The name(s) of the people you have added to Microsoft Collaborate
- The email address(es) of the people you have added to Microsoft Collaborate

Upon having set up your accounts you now have the credentials to list your app on AppSource.com. Go to document 2: Listing your app to learn more about how to submit your app and how to get object ranges so you can start developing your apps