Microsoft
PowerApps &
Microsoft
Flow

Licensing
Guide for
Partners

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Microsoft

Contents

Using This Guide

Use this guide to improve your understanding of how to license Microsoft PowerApps and Microsoft Flow.

For help determining the right technology solution for any given organization, including the license requirements for a specific product or scenario, consult with your Microsoft account team or your Microsoft Certified Partner.

This guide does not supersede or replace any of the legal documentation covering use rights.

Introduction to Microsoft PowerApps & Microsoft Flow

Microsoft PowerApps is a service for building and using custom business apps that connect to your data and work across the web and mobile - without the time and expense of custom software development. Learn more at the PowerApps service page.

Microsoft Flow is a service for automating workflow across the growing number of apps and SaaS services that business users rely on. Learn more at the Microsoft Flow service page.

PowerApps includes Flow

PowerApps licenses always include Microsoft Flow capabilities. In addition to being included in PowerApps licenses, Microsoft Flow is also available as a standalone service.

Service Capabilities	PowerApps *License*	Microsoft Flow License
PowerApps capabilities	●	
Flow capabilities	●	●

Subscription Licensing Requirements

With Microsoft PowerApps and Microsoft Flow you must license each internal or external user who will access the service to create and/or run apps and flows.

You may license access to the Microsoft PowerApps and/or Microsoft Flow by purchasing a User SL for every user who will access the service.

User SLs are assigned on a "named user" basis, meaning each user requires a separate user; User SLs may not be shared.

The User SL grants users non-perpetual rights (with no buy-out rights) to the use of the service.

Microsoft PowerApps

PowerApps

	PowerApps for Office 365 & Dynamics 365 Applications	PowerApps Plan 1	PowerApps Plan 2
Services included	PowerApps & Flow	PowerApps & Flow	PowerApps & Flow
Service features	Create & run within the context of Office 365 or Dynamics 365	Run any app or flow & build against any existing data source	Run any app or flow & build against any existing data source
			Model business data and create custom entities using the Common Data Model (CDM)
			Set policy and view usage
Included capacity	2,000 flow runs / mo	4,500 flow runs / mo	15,000 flow runs / mo
		20 MB Data storage	200 MB Data storage
		2 GB File storage	20 GB File storage
List Pricing	Included with Office 365 & Dynamics 365 offers	Available standalone $7 per user / mo	Available standalone $40 per user / mo

PowerApps included with Office 365 and Dynamics 365

PowerApps capabilities are included with certain Office 365 and Dynamics 365 subscriptions. The table below provides an overview of the qualifying licenses and PowerApps capabilities included. For a more detailed explanation of the included capabilities refer to the 'Comparison of PowerApps Editions' table in this guide.

	Qualifying License	Included PowerApps Capabilities
Office 365	Office 365 Enterprise E1 Office 365 Enterprise E3 Office 365 Enterprise E5 Office 365 Business Essentials Office 365 Business Premium	**PowerApps for Office 365** Limited to Office 365 & standard connection data sources
Dynamics 365 Applications	Dynamics 365 Enterprise Sales Dynamics 365 Enterprise Field Service Dynamics 365 Enterprise Customer Service Dynamics 365 Enterprise Project Service Automation Dynamics 365 Enterprise Operations Dynamics 365 Enterprise Team Members Dynamics 365 Business Edition Financials Dynamics 365 Business Edition Team Members	**PowerApps for Dynamics 365 Apps** Limited to Dynamics 365 applications & standard connection data sources
Dynamics 365 Plans	Dynamics 365 Enterprise, Plan 2 Dynamics 365 Enterprise, Plan 1	**PowerApps Plan 2** Any data source, business data platform

Comparison of PowerApps Editions

The table below compares service features and capacities across editions.

	PowerApps for Office 365	PowerApps for Dynamics 365	PowerApps Plan 1 $7 USD / user / month	PowerApps Plan 2 $40 USD / user / month
Run apps using browser and PowerApps mobile for iOS, Android and Windows	✓	✓	✓	✓
Run apps in context of SharePoint Online and SharePoint mobile	✓		✓	✓
Create apps	Unlimited	Unlimited	Unlimited	Unlimited
Automate workflows	Includes Flow for Office 365	Includes Flow for Dynamics 365	Includes Flow Plan 1	Includes Flow Plan 2

	Col1	Col2	Col3	Col4
Easily share apps with your organization using AppSource	✓	✓	✓	✓
Email support (English only)	✓	✓	✓	✓
Business App Data Platform				
Create and run applications using the business app data platform			✓	✓
Model your data in Common Data Model				✓
Create forms, business processes, rules using the business app data platform (coming soon)				✓
Create databases in the business app data platform (per user)[1]	0	0	0	2
Data storage in the business app data platform (per user)[1]			20 MB	200 MB
File storage in the business app data platform (per user)[1]			2 GB	20 GB
Connectivity				
Connect to Office 365 and Dynamics 365 services	✓	✓	✓	✓
Connect to cloud-based services like Dropbox, Twitter, and Excel and many more	✓	✓	✓	✓
Use premium connectors like Salesforce and DB2 and many more			✓[4]	✓[4]
Access on-premises data using an on-premises gateway	✓[2]	✓	✓	✓
Create custom APIs to connect to your own systems (per user)	1	1	Unlimited	Unlimited
Management				

Create environments to deploy your apps, flows and database (per user)[1]				2
Collaborate with co-workers on apps	Unlimited	Unlimited	Unlimited	Unlimited
Supports data policies established by the Office 365 administrator	✓		✓	✓
View apps usage across your company and get reports on activity (coming soon)				✓
Establish company policies regarding the usage of different connections and apps				✓

[1] Pooled across all users in a tenant.
[2] On-premises connectivity is not available for Office Business and Office Enterprise E1 SKUs.
[3] The full capabilities in the PowerApps Plan 2 tier column above are also available as a part of these plans:
- Dynamics 365 Enterprise Edition Plan 1
- Dynamics 365 Enterprise Edition Plan 2
- Dynamics 365 Business Edition Plan

Microsoft Flow Licensing

Overview

Microsoft Flow is included in certain Office 365 and Dynamics 365 offers via PowerApps. Refer to the PowerApps section of this guide for details.

In addition to being available as part of Office 365 and Dynamics 365, Microsoft Flow is available as a standalone service for scenarios that only require workflow.

Flow P1 is designed to meet the needs of individual users who need to create and run flows across all supported data sources, including the Common Data Model (CDM)

Flow P2 includes everything in Flow P1 and adds administrative capabilities such as policy and usage as well as higher flow capacities.

	Flow Free	Flow Plan 1	Flow Plan 2
Services included	Flow	Flow	Flow
Service features	Standard connections	Run any flow & build against any existing data source	Run any flow & build against any existing data source
			Set policy and view usage
Included capacity	750 flow runs / mo	4,500 flow runs / mo	15,000 flow runs / mo
List Pricing	Free	Available standalone $5 per user / mo	Available standalone $15 per user / mo

Comparison of Microsoft Flow Editions

The table below compares service features and capacities across editions.

	Microsoft Flow	Microsoft Flow for Office 365	Microsoft Flow for Dynamics 365	Microsoft Flow Plan 1 $5 USD / user / month	Microsoft Flow Plan 2 $15 USD / user / month
Create unlimited automated workflows and powerful multi-step processes	✓	✓	✓	✓	✓
Maximum number of runs per month	750	2,000 [1]	2,000 [1]	4,500 [1]	15,000 [1]

	15 minutes	5 minutes	5 minutes	3 minutes	1 minute
Maximum flow frequency	15 minutes	5 minutes	5 minutes	3 minutes	1 minute
Access your flows on native apps for iOS and Android	✓	✓	✓	✓	✓
Create flows from thousands of templates available in the public gallery	✓	✓	✓	✓	✓
Publish flows to the public gallery	✓	✓	✓	✓	✓
Service Level Agreement	Not available	99.9%	99.9%	99.9%	99.9%

Connectivity

	15 minutes	5 minutes	5 minutes	3 minutes	1 minute
Connect[5] more than a hundred cloud-based services like Dropbox, Twitter and Excel +100 more	✓	✓	✓	✓	✓
Use premium connections[5] like Salesforce, MailChimp, and DB2				✓	✓
Access on-premises data using an on-premises gateway		✓ [2]	✓ [2]	✓	✓
Create custom APIs to connect to your own systems	1[3]	1[3]	1[3]	Unlimited	Unlimited

Management

	15 minutes	5 minutes	5 minutes	3 minutes	1 minute
[Coming soon] Collaborate with co-workers on flows		✓	✓	✓	✓
[Coming soon] Publish flows in App Source for your company		✓	✓	✓	✓
[Coming soon] View flow usage across your company					✓
Establish company policies regarding the usage of different connections and flows					✓

[1] Pooled across all users in a tenant. If your company exceeds the included runs per month per user, you can buy an additional quota of runs per month

[2] On-premises connectivity is not available for Office Business and Office Enterprise E1 SKUs, and are limited to Office or Dynamics services for those plans respectively.

[3] These plans do not allow you to share connections or custom APIs with other people in your company.

[4] The full capabilities in the Microsoft Flow Plan 2 tier column above are also available as a part of these plans:

- Microsoft PowerApps Plan 2
- Dynamics 365 Enterprise Edition Plan 1
- Dynamics 365 Enterprise Edition Plan 2
- Dynamics 365 Business Edition Plan

[5] Connectivity will be limited to the services you have.

Data connectors

Microsoft PowerApps and Microsoft Flow rely on a common set of connectors to provide access to business data. These connectors are divided into three categories (Standard, Premium, and Enterprise Integration) which align to the use rights across the various service editions. As new connectors become available they will be added to one of the categories below.

Standard		Premium
Common cloud services and open protocols	Microsoft Services	
These services or protocols are what every modern worker needs to manage their day-to-day work. They span from social media to cloud file storage.	You can use any service from Microsoft. Some may be free and others paid. Unlike the other three tiers these services are guaranteed to be available if you're using them elsewhere.	Professionals from sales to marketing to software development rely on these services to get their job done. These services are generally tailored to specific verticals.
If a service is available for free, or it's an open protocol, it likely is in this tier	If a service is provided by Microsoft, then it is in this tier.	If a service requires monthly or annual licenses, it's probably in this tier
Some examples include: • Box.com • Dropbox • Facebook • FTP • GitHub • Google Drive • Google Sheets • HTTP • Instagram • RSS • Mail • SFTP • Slack • SMTP	Some examples include: • Azure Blob • BizTalk Server • Dynamics CRM • Excel • Microsoft Translator • Office 365 • Office 365 Users • OneDrive • OneDrive for Business • Outlook.com • Project Online • Service Bus • SharePoint	Some examples include: • DB2 • DocuSign • Lithium • MailChimp • Mandrill • MySQL • Oracle DB • Salesforce • UserVoice • Zendesk

• Trello • Twilio • Twitter	• Microsoft SQL • Wunderlist • Yammer	

Microsoft PowerApps & Microsoft Flow Add-ons

PowerApps apps utilizing the Common Data Model (CDM) will consume varying quantities of Data storage, File storage, and may require different kinds of PowerApps environments. Apps may utilize flows, or flows may be run separately from apps.

Each type of per user license (Office 365, Dynamics 365 apps, Dynamics 365 Plans, and the standalone P1 and P2 licenses) include capacities of one of more of these four basic resources. These resource entitlements are pooled, and shared across users, at the customer tenant level. Once the total pool has been exhausted for a given resource additional capacity may be purchased through one of the following add-ons. Capacity purchased through add-ons is added to the same tenant level capacity pool the per user entitlements are placed in.

Data storage Add-on

Application data stored in the Common Data Model (CDM) is consumes the 'Data storage' resource.

For every additional:	Added cost / month:
1GB Data storage	$75

File storage Add-on

Files stored in the Common Data Model (CDM) is consume the 'File storage' resource.

For every additional:	Added cost / month:
500GB File storage	$50

Premium environment Add-ons

Application data stored in the Common Data Model (CDM) is stored in a specific environment. Each tenant may have one or more of the environments listed in the table below. PowerApps included with Office 365 and Dynamics 365, as well as the standalone P1 and P2 per user licenses all utilize the 'Standard' environment by default. Premium environments may be purchased to enable larger database, file storage, and custom entity limits.

Environments are licensed on a 'per environment' basis within each customer tenant. Users within the tenant may run apps associated with one or more environments at no additional cost on a user basis.

	Standard	Professional Environment	Enterprise Environment
Max apps	Unlimited	Unlimited	Unlimited
Max custom entities	50	Unlimited	Unlimited
Max database size	10GB	100GB	1,000GB
Max file storage size	5TB	50TB	250TB
Environment type	Shared	Shared	Dedicated
List pricing	Each P2 provides two Standard environments, not sold separately	$2k per environment / mo	$10k per environment / mo

Flow Add-on

When a flow is executed it is counted against the 'flows run' resource pool.

For every additional:	Added cost / month:
50,000 runs	$40

Licensing Programs

Microsoft PowerApps and Microsoft Flow are licensed through the Microsoft Volume Licensing and the Cloud Solution Provider program.

Microsoft Volume Licensing

What is Volume Licensing?

Microsoft Volume Licensing is the most cost-effective, flexible, and manageable way to license Microsoft software and cloud services. Simply stated, volume licensing makes it easier and more affordable to use software and online services across an organization.

Licensing online services through your Volume Licensing agreement allows you to:

- Transition to cloud services at your own pace
- Match and adjust online service plans to meet users' needs

Microsoft offers several Volume Licensing programs, each tailored to the needs of different sizes of businesses and types of organizations. To find the right program for your organization, you'll first need to determine the type and size of your organization, the software that you want to license, and how you will use it. Learn more about how Volume Licensing works.

Participating in a Volume Licensing program typically involves signing an agreement and/or enrollment, meeting a minimum purchase requirement, and ordering licenses through a Microsoft Reseller. Visit the

[Microsoft Volume Licensing website](#) to learn more about how to buy through Volume Licensing, find a reseller partner, and more.

Eligible Volume Licensing Programs

- **Enterprise Agreement**: The Microsoft Enterprise Agreement (EA) is the licensing program for commercial and government organizations that want to standardize IT across the enterprise yet retain the flexibility to choose from on-premises and cloud services. The EA includes attractive volume pricing, the flexibility to transition to cloud services at your own pace, and simplified license management though a single company-wide agreement. [Learn more.](#)

- **Enterprise Subscription Agreement**: An option under the Enterprise Agreement that provides lower initial cost based on a three-year subscription, the ability to increase or decrease subscription counts on an annual basis, and non-perpetual licenses that end with your subscription term. [Learn more.](#)

- **School Enrollment**: The School Enrollment is for primary/secondary schools and preschools and offers the simplicity of licensing all products organization-wide where you can order any product for a quantity that matches the annual count of your organization's PCs/devices. [Learn more.](#)

- **Enrollment for Education Solutions (under the Campus and School Agreement):** The Enrollment for Education Solutions (EES) is a subscription licensing offering available to both primary/secondary and higher education institutions and offers the simplicity of counting people instead of PCs/devices and the flexibility to add additional products in any quantity as needed. [Learn more.](#)

- **Microsoft Products and Services Agreement (MPSA)** - The new Microsoft Products and Services Agreement (MPSA) is a single agreement for your Online Services, software, and Software Assurance purchases across your organization. It can save time and money by combining purchase points for the best price level and reducing the administrative overhead associated with managing multiple agreements. Learn more.

Cloud Solution Provider Program (CSP)

The Microsoft Cloud Solution Provider program enables partners to directly manage their entire Microsoft cloud customer lifecycle. Partners in this program utilize dedicated in-product tools to directly provision, manage, and support their customer subscriptions. Partners can easily package their own tools, products and services, and combine them into one monthly or annual customer bill.

Free Trial

You can sign-up for a free 30-day trial of Microsoft PowerApps and/or Microsoft Flow. At any time during your trial you can activate your subscription.

Frequently Asked Questions

Which PowerApps capabilities are included with Dynamics 365 applications and Plans?

PowerApps and Microsoft Flow capabilities are included in all the Dynamics 365 applications and Team Members subscriptions so that users can create, modify and use mobile apps based on Dynamics 365

data. Dynamics 365 Business and Enterprise edition Plans include PowerApps P2, which provides users full create and run capabilities across data sources including the ability to model business data in the Common Data Model (CDM).

My users have PowerApps and Flow use rights via O365 and Dynamics applications. When would I need to also license them with standalone P1 or P2 licenses?

O365 and Dynamics applications include PowerApps and Flow use rights that are limited to the data sources associated with these services plus the 'standard connectors' for common cloud services. If you need users to run applications that access data outside this scope (ex. Salesforce, the Common Data Model, SAP, etc.) these users will need a PowerApps P1 license. If you need users to run applications that access data outside the scope of O365 or Dynamics apps, and need the ability to model business data in the Common Data Model, or perform administrative tasks such as viewing usage and setting policy they will need a PowerApps P2 license.

Beyond the per user licenses that provide my company's employees with access to PowerApps and Flow are there additional licenses I need to purchase?

As your organization builds and uses applications and flows you will consume one or more of the four platform resources shown below. Depending on the type of per user licenses you have you may already have a capacity allocation of one or more of these resources. If your organization's total usage of a given resource exceeds the capacity included with your per user licenses you may purchase additional capacity through add-on licenses.

Table indicates if the license type includes a capacity allocation of each resource.

Resource	Office 365 licenses	Dynamics application licenses	Dynamics Plan licenses	Standalone Flow Plan 1 & Plan 2 licenses	Standalone PowerApps Plan 1 & Plan 2 licenses	Premium environment licenses
Flows run	Yes	Yes	Yes	Yes	Yes	
Data storage			Yes		Yes	Yes
File storage			Yes		Yes	Yes
Premium environments						Yes

How do the per user capacity allocations of resources work? Are the limits enforced on a per user basis or a per tenant basis?

The 'flows run' 'Data storage' 'File storage' As your organization builds and uses applications and flows you will consume one or more of the four platform resources shown below. Depending on the type of per user licenses you have you may already have a capacity allocation of one or more of these resources. If your organization's total usage of a given

Links for Additional Information

Microsoft PowerApps site	https://powerapps.microsoft.com/
Microsoft Flow site	https://flow.microsoft.com/