

Dynamics 365 and Power Platform
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PowerApps 3D and Mixed Reality



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About speakers:

ICT/Business Consultants with years of experience bringing business cloud solutions closer to users of all kinds. Frequent speakers at many regional conferences and events.

Together with the team, they won more than 90 international awards for innovations in IT.

More information about us, our services, and our products: <https://citus.hr>

Microsoft Power Platform Family



Power BI



Power Apps



Power Automate



Power Virtual Agents



Power Pages



Power Apps

What is Power Apps?

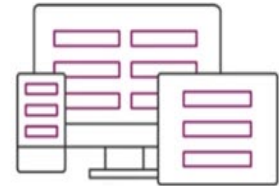
Power Apps is a suite of apps, services, connectors, and a data platform that provides you with an opportunity to build custom apps for your business needs. By using Power Apps, you can quickly build custom business apps that connect to your business data that is stored either in the underlying data platform (Microsoft Dataverse) or in various online and on-premises data sources (SharePoint, Excel, Office 365, Dynamics 365, SQL Server, and so on).



Connect to data & systems you're already using *easily*



Create apps, forms, and workflows *without writing code*



Use apps *on any device* – both web and mobile

- Built-in connectivity to 200+ cloud services, files, databases, web APIs, etc.
- Seamless hybrid connectivity to on-premises systems via the On-Premises Data Gateway
- Build custom connectors for everyone to leverage

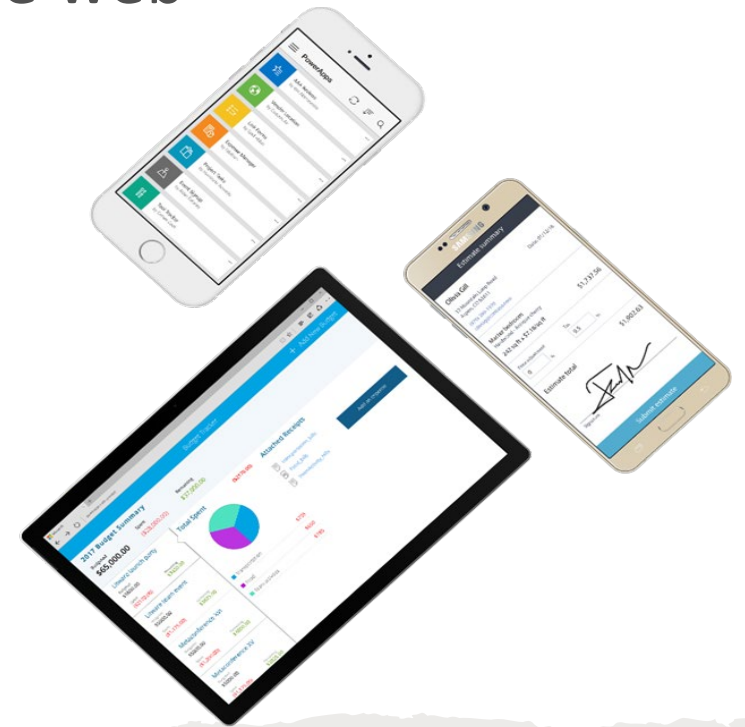


Cloud and on-premises connectivity

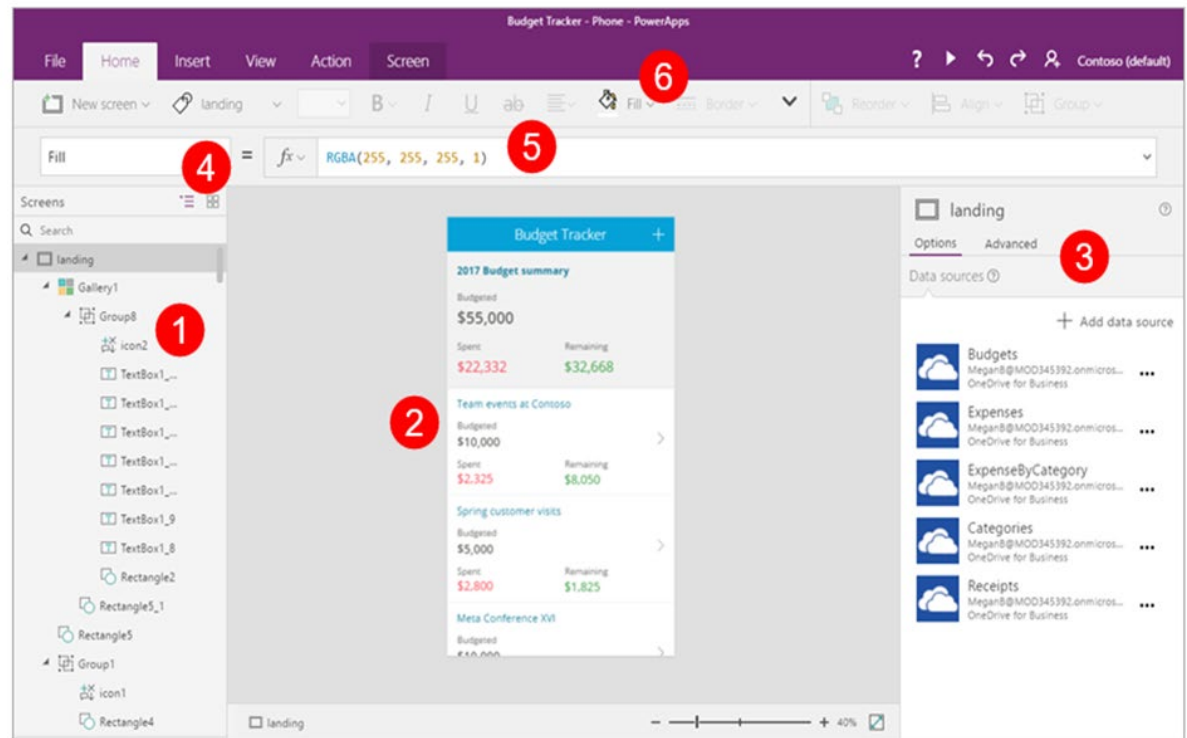
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Cross-platform

- Publish instantly to iOS, Android, Windows, and the web
- Sharing apps is like sharing documents
- Manage across environments

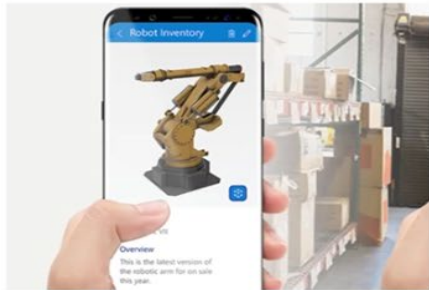


- Left navigation bar
- Middle pane
- Right-hand pane
- Property drop-down list
- Formula bar
- Ribbon



Power Apps Mixed Reality Components General Availability – from 5th April 2021.

Mixed Reality Features



View in 3D

Rotate and zoom into the model with simple gestures. Can display a single model or let user select from a gallery.



View in Mixed Reality

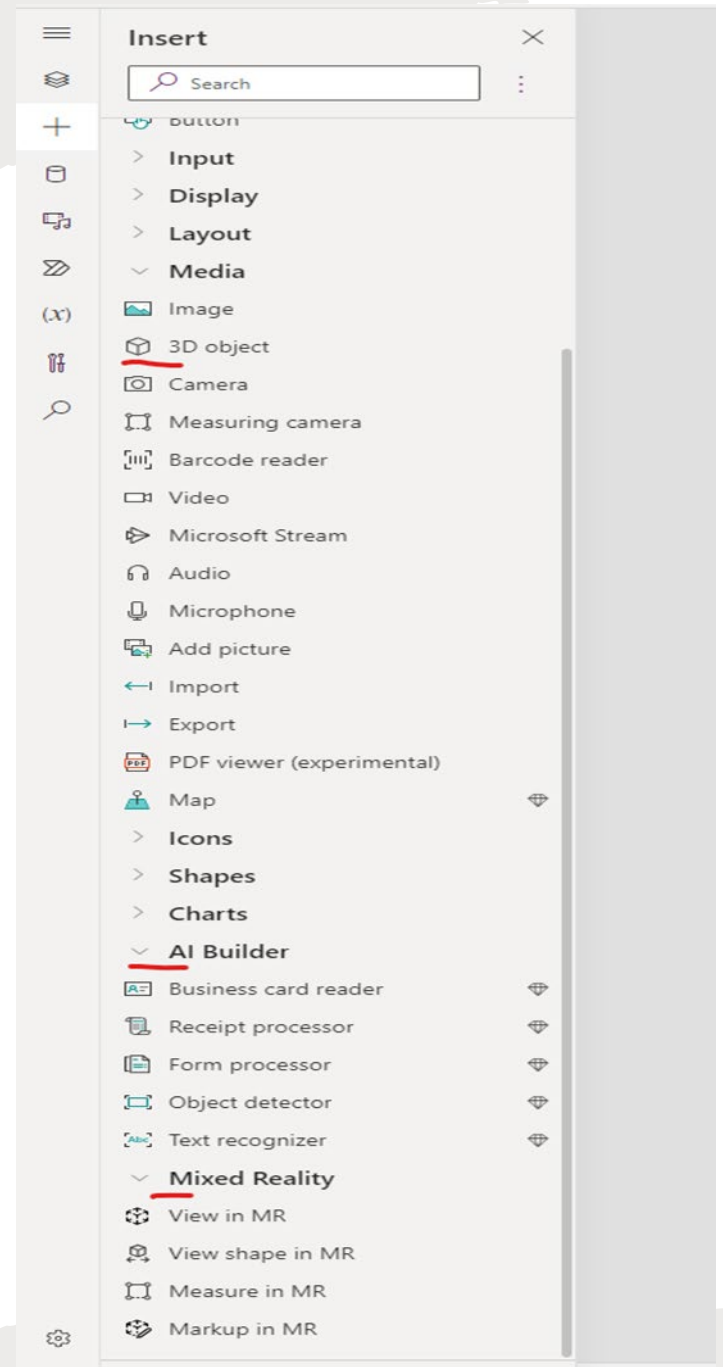
See how a particular item might fit within a specified space. Overlays a 3D model or image onto the live camera feed of the device.



Measure in Mixed Reality

Measure distance, area, and volume. A 2D or 3D polygon is created to confirm how a certain sized object would fit within a space.

Note: 3D models must be in .glb format. 2D images must be in .jpg or .png file formats.



- ❖ To use the components in an app created with Power Apps, the device that runs the app (such as a phone or tablet) needs to have specific hardware and software.
- ❖ The device you use to create the app in the Power Apps (such as your PC) does not need to be MR-capable
- ❖ For Android devices, this means you'll need to have the ARCore services installed.

[ARCore supported devices | Google Developers](#)

- ❖ For iOS devices, MR is supported on specific hardware with ARKit.

[Augmented Reality - Apple](#)

- ❖ AR requires an iOS or iPadOS device with iOS 11 and an A9 processor or later.

DEMO



Power Apps

- ❖ Microsoft Learn: aka.ms/learn-powerplatform
- ❖ Microsoft Docs: aka.ms/docs-powerapps
- ❖ Mixed Reality PowerApps Components: aka.ms/powerapps-mr
- ❖ Connectors: aka.ms/connectors

3D Models

- ❖ GitHub: aka.ms/models
- ❖ Microsoft 3D Builder
- ❖ Unity Asset Store: assetstore.unity.com

Power Automate

- ❖ Microsoft Learn: aka.ms/learn-powerautomate
- ❖ Microsoft Docs: aka.ms/docs-powerautomate



Thank you for your attention!

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