

## Power Apps

Power Apps is Microsoft's low-code application development platform, part of the Power Platform suite. It empowers users both citizen and professional developers to build custom business applications without needing deep programming knowledge. These applications can run on mobile devices, tablets, and browsers, making them suitable for field workers and internal business users alike.

Power Apps provides a drag-and-drop interface to create responsive applications by connecting to various data sources like Microsoft Dataverse, SharePoint, Excel, SQL Server, and hundreds of other services. Users can define business logic using Power Fx, a declarative language similar to Excel formulas, allowing both simple and complex logic to be created without traditional code.

Integration with other Microsoft services is seamless. Apps can be embedded in Teams or SharePoint, integrated with Power Automate for workflow automation, and extended with custom connectors and AI models from Azure. Microsoft has introduced Copilot in Power Apps to accelerate development through natural language prompts.

Power Apps supports different types of apps: Canvas apps (fully customized layouts), Model-driven apps (data-first design based on Dataverse), and Portals (external websites for partners or customers). It also provides security, environment isolation, and ALM features suitable for enterprise deployments.

Its primary users include HR, finance, operations, and IT teams looking to digitize manual processes or improve data entry. Licensing is flexible, based on per-user or per-app plans. In summary, Power Apps delivers rapid development, rich integration, AI assistance, and enterprise-grade governance to democratize app creation across organizations.