

# Custom Apps

VS.

# Power Apps

Which option is right for you?

Custom application development or a no-code, low-code solution?

After identifying the business problem, the next step is to choose a platform for developing your solution.

	 <b>Custom App Dev</b>	 <b>Canvas Apps</b>	 <b>Dataverse</b>	 <b>Dataverse for Teams</b>
<b>What it is</b>	Custom apps created by a team of developers. Built from scratch, using a variety of programming languages.	Platform to create apps from a blank canvas by using drag-and-drop components.	Scalable low-code data platform to build model-driven line of business applications.	Platform to create custom data models and canvas apps to run exclusively in Teams.
<b>Examples</b>	<ul style="list-style-type: none"> <li>Large enterprise orchestrations</li> <li>Mobile applications</li> <li>Machinery automation</li> <li>Customer-facing applications</li> </ul>	<ul style="list-style-type: none"> <li>Simple automation</li> <li>Spreadsheet replacements</li> <li>Access application replacements</li> <li>Custom forms</li> </ul>	<ul style="list-style-type: none"> <li>Complex line of business apps with relational data and business workflows</li> <li>For pre-built solutions like Dynamics CRM, Customer Service, Field Service, and Marketing Automation</li> </ul>	<ul style="list-style-type: none"> <li>Small group applications</li> <li>Spreadsheet replacements</li> <li>Access database replacements to run 100% inside of a team or channel</li> <li>Chatbots</li> </ul>
<b>If you need...</b>	<ul style="list-style-type: none"> <li>High personalization</li> <li>High customization</li> <li>Extreme performance or extreme scalability</li> <li>Features that cannot be implemented in other platforms</li> </ul>	<ul style="list-style-type: none"> <li>Straightforward data structure</li> <li>To solve a simple problem</li> <li>Data sources in M365</li> </ul>	<ul style="list-style-type: none"> <li>To pull data from multiple departments</li> <li>Repeatable process</li> <li>To quickly build complex LOB solutions</li> <li>To unify data across business units</li> </ul>	<ul style="list-style-type: none"> <li>If you do not use D365 but have M365 licenses</li> <li>To automate manual tasks</li> <li>To create a chatbot</li> </ul>
<b>Pros</b>	<ul style="list-style-type: none"> <li>Anything is possible</li> <li>No Microsoft user licensing</li> <li>High customization</li> <li>Adaptable when business changes</li> <li>Scales from 1 to 100,000,000+ users</li> </ul>	<ul style="list-style-type: none"> <li>Ease of use</li> <li>Users may have licenses</li> <li>Integrated Microsoft Flow</li> <li>Connect to variety of Microsoft data sources (SQL, SharePoint, Power BI, etc.)</li> <li>Supports mobile</li> <li>Pay-as-you-go licensing</li> </ul>	<ul style="list-style-type: none"> <li>Improves value of Dynamics 365 data</li> <li>Low-code platform that spans Azure, Dynamics 365 and stand-alone apps</li> <li>Reusable Power Apps and Dynamics skills</li> <li>Pay-as-you-go licensing</li> </ul>	<ul style="list-style-type: none"> <li>Easy to manage and secure</li> <li>Easy to build and deploy</li> <li>Improves value of Office 365 and Teams</li> <li>Support to build low-code and no-code apps, flows and chatbots</li> <li>Pay-as-you-go licensing</li> </ul>
<b>Cons</b>	<ul style="list-style-type: none"> <li>Implementation cost can be high</li> <li>Needs monitoring and maintaining</li> <li>Needs updates and upgrades consistently</li> <li>Implementation duration may be long</li> <li>Requires specialized, skilled developer</li> </ul>	<ul style="list-style-type: none"> <li>Not built for complicated applications</li> <li>Not easy to customize</li> <li>Internal business use only; cannot publish outside of organization</li> <li>Only one developer can work at a time</li> <li>Can't integrate JavaScript</li> </ul>	<ul style="list-style-type: none"> <li>Licensing can be expensive</li> <li>Not much customization</li> <li>Extremely large data volumes can increase licensing costs</li> </ul>	<ul style="list-style-type: none"> <li>Limited storage: Max 2 GB of data storage per environment</li> <li>Not much customization</li> <li>Doesn't have the full functionality of Dataverse</li> <li>Access restricted to Teams owners, members and guests only</li> </ul>
<b>Problem complexity</b>	🌀🌀🌀🌀🌀	🌀🌀	🌀🌀🌀	🌀
<b>Enterprise scale</b>	★-★	★★	★★★★★	★
<b>Custom UI/UX</b>	🎨🎨🎨🎨	🎨🎨	🎨🎨	🎨
<b>Mobile native</b>	Anything you want	In Microsoft App	In Microsoft App	In Teams Mobile
<b>Development cost</b>	💰💰💰💰💰	💰💰	💰💰💰	💰💰
<b>Time to market</b>	🏠🏠🏠🏠	🏠🏠	🏠🏠	🏠🏠
<b>Licensing costs</b>	🏠-🏠🏠🏠🏠	🏠	🏠-🏠🏠🏠🏠	🏠
<b>Licensed by</b>	Application	User	User	User
<b>Easy for citizen developers (low code/no code)</b>	👎	👍👍👍👍	👍👍👍	👍👍👍👍
<b>Maintainability</b>	⚙️-⚙️🚫	⚙️	⚙️	⚙️

Quisitive can help you figure out the right turn to take to modernize your apps and reach your desired destination

If you are interested in our Innovation Workshop or want to talk to an App Development Consultant, email [ASK@QUISITIVE.COM](mailto:ASK@QUISITIVE.COM)