

# The Roadmap to Modern Apps

Application modernization is the vehicle to accelerating your application's performance, time to market, and ability to innovate.

Follow the sign that best fits your situation:

## You have an app. Is it time to modernize?

Your app is brittle; changes lead to breaking

Business has moved on; app no longer relevant

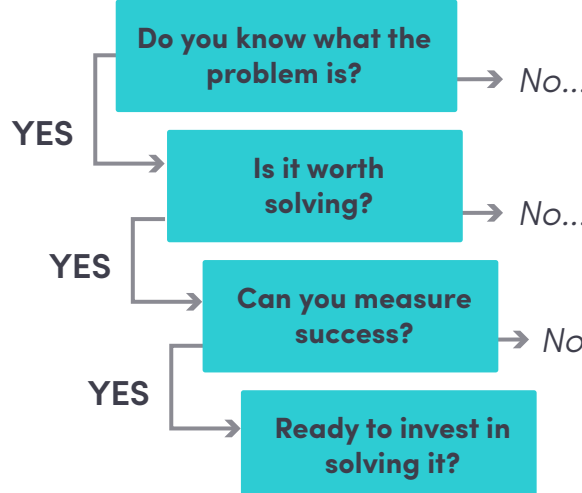
Limited access to talent who know the technology

Can't gain insights from the data

Customers expect more bells & whistles

If any of these apply to your app...

## Have a problem to solve, but no solution?



Discovering the root of the problem is the first step to modernizing. **Quisitive's Innovation Workshop** helps you dig deep to find the business problems worth solving.

## Pick your platform

Understanding the business problems worth solving is single-handedly the most important turn in your app modernization journey. Once you have pinpointed the business problem, and prioritized your needs, it's time to pick a platform.

	App Dev	Canvas Apps	POWER APPS Dataverse	Dataverse for Teams
<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)