Low Code, High Value

Increasing app development ROI

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Who this is for:

Technology leaders looking to empower professional developers to be more productive, efficient, and creative using low-code technology.

Developer efficiency drives results

The ability to rapidly develop apps for internal and external use is a competitive advantage in a fast-changing world. Employees need powerful digital tools to meet evolving customer needs, automate manual processes, and manage work effectively.
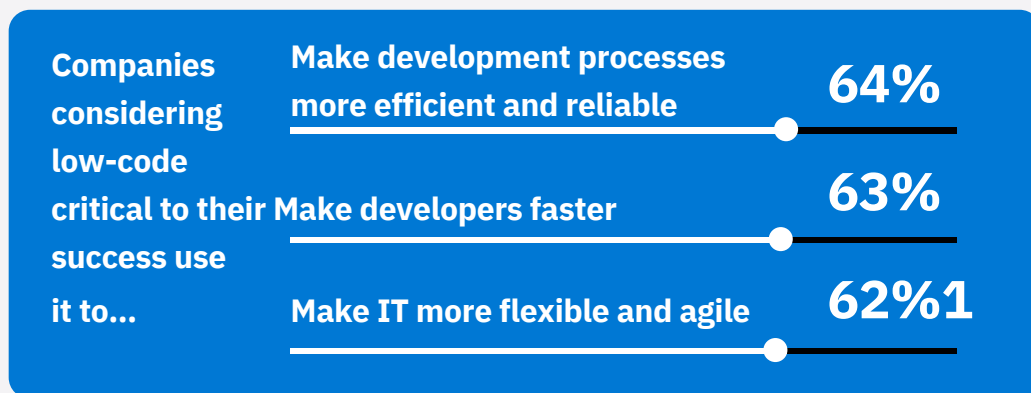
However, demand for business apps almost always outstrips the capacity of internal development teams. They need new tools to work faster and collaborate effectively with stakeholders.

Low-code development helps solve these challenges. And it's not just for citizen developers. A no-cliffs, low-code platform that supports professional tools, processes, and standards increases efficiency and productivity for pro developers. It also helps them collaborate with business experts in fusion teams to make the most of diverse knowledge and expertise.

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Adapt and accelerate with Microsoft Power Platform

Microsoft Power Platform helps you accelerate innovation with the world's most complete set of integrated, low-code development tools. Bridge independent applications so employees can collaborate in real-time, solving problems faster with easy implementation and process flexibility. A scalable data platform and easy integration with built-in templates mean pro developers can create custom solutions and run them at scale.

This comprehensive solution covers almost every aspect of technical solution development with data analysis and insights that inform solution development, whether apps, automation, conversational AI, or websites. Together, they provide a rapid development environment that helps professional developers create custom apps faster and with more functionality in less time.

Companies considering low-code critical to their success use it to...	Make development processes more efficient and reliable	64%
	Make developers faster	63%
	Make IT more flexible and agile	62%1

This e-book explores how Microsoft Power Platform meets critical development standards. We'll show how it helps upgrade old apps, makes maintenance easier, boosts scalability, and speeds up development.

 "**Shaping digital transformation with low-code platforms**",

1
KPMG Global, July, 2023

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Customer story
Expediting complex apps
PricewaterhouseCoopers (PwC)

PwC transitioned from a legacy client decision system to a scalable, enterprise-grade solution built on Microsoft Power Platform. This move redefined their data model and logic, resulting in a new site being developed in six weeks.

- The low-code approach reduced costs and development time by 85% and 30%, respectively.

- Existing work from the previous tool was integrated as code components in the Microsoft Power Apps framework, expediting development.

- The new tool empowers clients to upload new data and rules, enhancing their decision-making capabilities in cybersecurity risk management.

- C# plugins in the Dataverse development layer and Power Pages Web API simplify complex logic and data manipulations.
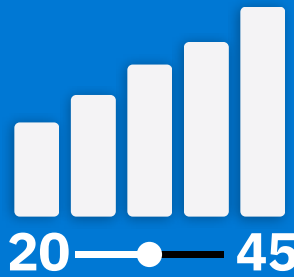
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If you didn't know this was Power Pages, you might think it's a custom-developed web solution. It's working like that or better."

Dushyanth Chandramouli:
Technology Director, PwC

Deliver more value with connected apps, data, and AI

Maximize the impact of technology transformation to solve immediate challenges and fulfill strategic priorities.

The direct impact of AI on the productivity of software engineering could range from 20 to 45 percent of current annual spending on the function.**2**

20 —●— 45

Connect the digital ecosystem

Connecting apps to each other and new data sources multiplies their effectiveness. Using pre-built connectors, developers can easily take advantage of existing investments and third-party innovations. Power Platform has over 1,000 connectors, enabling rapid integration with a vast range of services.

Developers can easily combine siloed data—on-premises or in the cloud—formerly to build more robust solutions. Pulling in data from multiple sources enables the creation of individual solutions using connectors from Microsoft, non-Microsoft publishers, and independent publishers.

Connecting Microsoft data, they can automate routine tasks in Microsoft 365, instantly build and publish apps based on SharePoint data, and create custom Microsoft Dataverse solutions. And they can build custom connectors to serve specific needs.

[2] "Economic potential of generative AI", McKinsey, June 2023

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Unify data and deliver insights from across the business

Data drives informed decisions, operational efficiency, and sustainable growth in today's competitive landscape. Through Microsoft Dataverse, Power Platform helps you realize immediate value through an open, efficient, and scalable data ecosystem. AI tools enrich data intelligence, yielding more accurate insights.

Dataverse is built on a highly secure environment, providing advanced encryption, extensive access controls, and seamless integration with Azure Active Directory. It enables your teams to scale and run thousands of applications of any complexity while improving productivity and resource utilization.

Develop using natural language

Developers can now create generative AI to create apps by describing them through a guided experience in Power Platform. Apps will have copilot-powered experiences built in from the first screen—so your users can discover insights in conversation instead of mouse clicks.

Build on Microsoft investments

Dynamics 365 products such as Dynamics 365 Sales, Dynamics 365 Customer Service, and Dynamics 365 Finance are built on Dataverse and the Power Platform, so you can immediately take advantage of unified data across your business apps.

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Customer story
Empowering more secure innovation

Accenture

By establishing a Center of Excellence (CoE) focused on Power Platform, Accenture significantly improved governance, cutting down on shadow IT by providing a transparent and controlled environment for development. The CoE also focuses on scalability and flexibility, making the environment accessible to its vast employee base, from citizen developers to professional coders.

Accenture is actively assessing new technologies like generative AI to keep ahead of the competition. The CoE team has already integrated copilot AI features and aims to implement additional AI functionality in the future.

● Saved over $6 million annually through in-house app and automation development.

● 200,000+ employees each month use apps built on Power Platform.

● Engagement from over 200,000 employees, enabling a culture of problem-solving and innovation.

● Reduced IT demand for short-term applications by 30%, allowing for focus on complex projects.

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For us, we define shadow IT as things we cannot see or control when we need to, so by standing up the platform and inviting our people to create and build—at its very core we have gained visibility into what people are doing and how they are connecting, which starts governance at the platform level."

Kate Mathews:
Business Strategy and Transformation
Leader, Accenture

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Enable collaboration between developers and the business

Automation and modern engineering best practices are critical for scaling up development capabilities. With Power Platform, your teams can use one environment for building new apps, modernizing legacy apps, and adding functionality to existing apps. Developers can use their skills and code to build data-rich applications with modern, scalable architecture—from websites to custom mobile solutions.

Innovate with advanced functionality

Snap in a vast selection of other innovative functionalities, from AI and analytics to bots, interactive maps, external portals, mixed reality, IoT, and more.

Use familiar, industry-standard tools
No need to hire hard-to-find developers on specialized technologies. Power Platform works with the world's most popular developer tools, including Visual Studio and Azure, making it simple to build, validate, and deploy your apps in an agile manner.

Manage the development lifecycle
Using Azure DevOps, teams can automate application lifecycle tasks and use DevOps best practices in low-code workstreams, including planning, development, delivery, and operations.

Accelerate delivery without compromising on quality
Eliminate the need to manually download custom tooling and scripts to manage the app lifecycle of apps built on the Power Platform, thanks to Microsoft Power Platform Build Tools.

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Re-use IP for consistency and efficiency

Enable your pro developers to build and share UI components to eliminate duplication and inefficiencies, lower maintenance, and create a consistent look and feel for apps across your organization.

Streamline app testing Streamline testing using low-code tools to write, organize, and automate tests, or build and test low-code apps with the same tooling your team uses for custom code.

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Customer story
Optimize operations with connected apps

Jaguar Land Rover

The company used Power Platform to create apps that amplify safety, efficiency, and productivity while reducing costs. These solutions were tightly integrated into the company's existing ecosystem, easily accessed by all 38,000 employees, and delivered real-time data influencing critical decisions.

● Many apps were designed, developed, and

deployed within a month, enabling fast responses to immediate challenges.

● One app resulted in annual savings of £60,000 to £70,000, replacing traditional software costs, upkeep, and maintenance.

● Easier and more intuitive reporting interfaces increased employee compliance in safety reporting.

● High usability led to more than 700,000 booking requests in less than a year for just one app, indicating strong employee adoption and satisfaction.

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With an increased knowledge and understanding of the platform, I'm able to deliver global solutions for Jaguar Land Rover that are available to all employees at an enterprise level of design, build, and security."

Gareth Crompton:
Senior Digital Engineer,
Jaguar Land Rover

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Build on a secure, governed platform

Any low-code solution you choose must meet your organization's security, governance, and compliance standards. Built on Microsoft Azure and featuring enterprise-grade tools for managing the low-code ecosystem, Power Platform is a low-code environment you can confidently adopt.

Simplify administration with a unified solution

With a single administrative console, you can maintain governance and compliance standards, enabling your organization to build more without compromising quality. This centralizes the management of users, apps, usage, and settings in a single admin experience to maintain app standards and reduce the risk of shadow IT.

Customize who can access which apps

User identities are managed through Azure Active Directory using a role-based security model, simplifying governance and access simultaneously.

Extend and integrate Microsoft services

Power Platform works with the world's largest cloud ecosystem—Microsoft 365, Dynamics 365, and Azure—so you can do more with the tools you use.

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Increase development ROI with a low-code platform

With Power Platform, your development teams can envision, create, and manage applications with less effort to deliver more significant ROI. Powerful pro-grade capabilities make the most of their existing skills and empower them to focus on strategic priorities.

Try Power Platform free >

Learn more about Power Platform >

Microsoft Power Platform