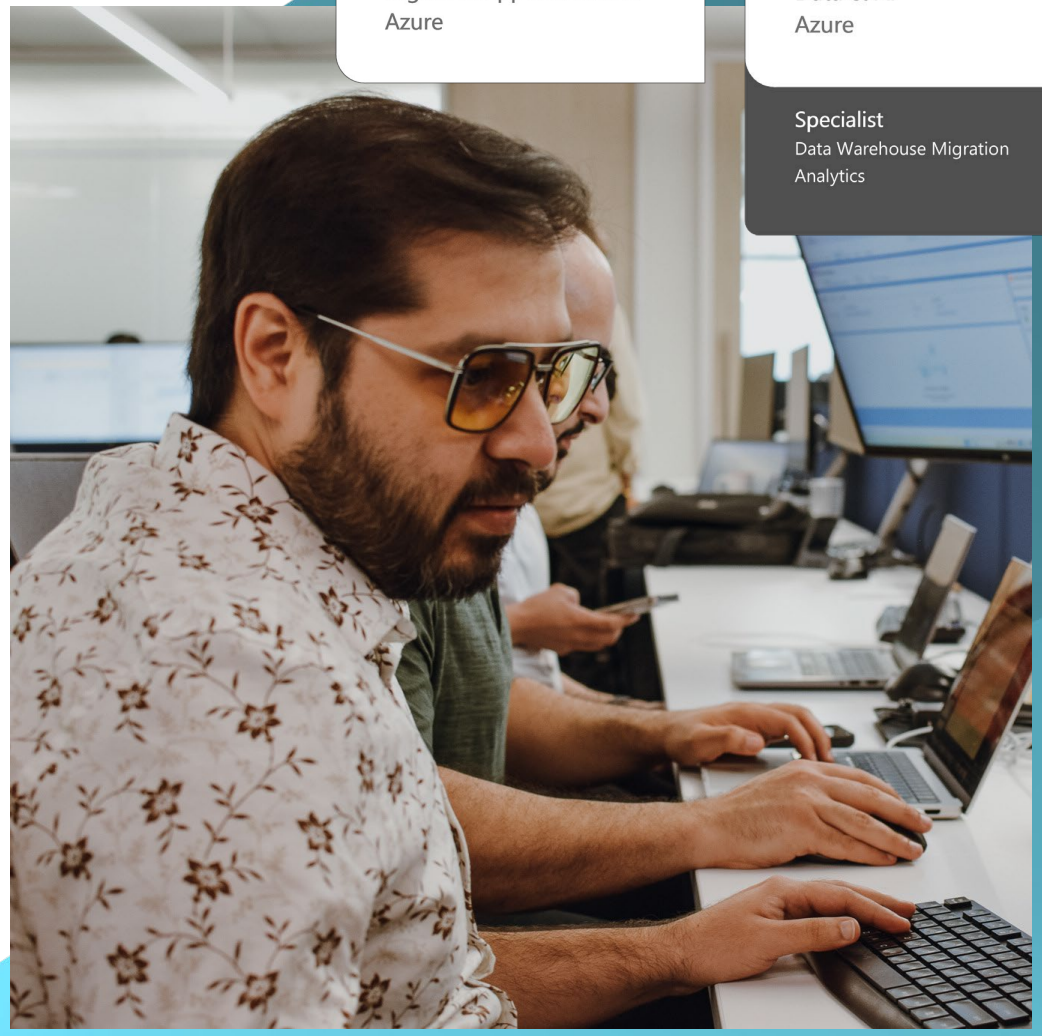
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Data Warehouse Migration
Analytics



Part 2: THE HOW-TO GUIDE

Modernize at scale with AI and Microsoft Power Platform

Microsoft Power Platform

Introduction

The demand for app experiences is on the rise. **One billion** new logical apps will be built by 2028.[1] Additionally, **40%** of net-new applications will be intelligent apps…[that] incorporate AI to enhance existing experiences and form new use cases,[2] and **89%** of decision-makers plan to increase or maintain their current application modernization investments over the next year to achieve key priorities and address modernization gaps.[3]

With developer talent already stretched thin and traditional code-first processes too slow and costly to implement, organizations need a solution that empowers them to support their app modernization in a development platform that:



Brings AI to accelerate solution building.



Is AI-first to provide fast AI value to all end-users.



Enables developers of every skill level.



Is easy to govern, secure, and operate at scale.

As businesses use an AI-infused platform to meet growing app demands they also:

Replace point solution software as a service.

84% of software buyers would prefer to purchase one tool to solve business problems rather than multiple products.[4]

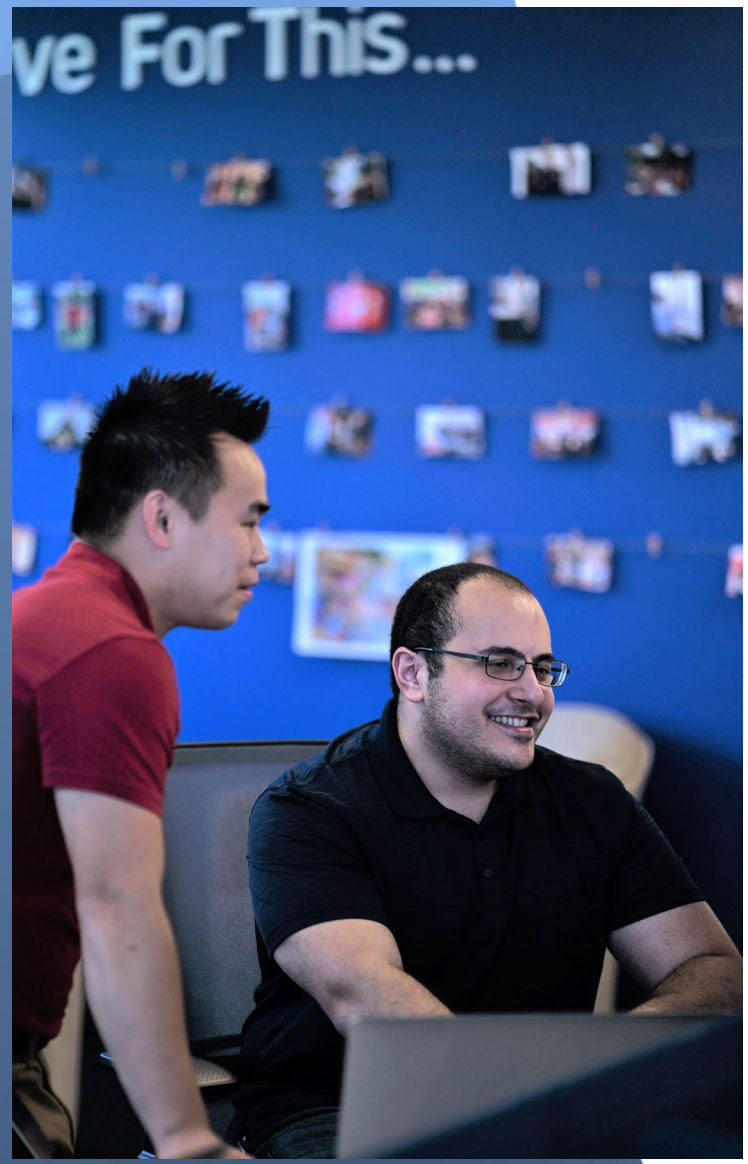
Reinvent legacy systems.

46% of companies are looking to modernize to better integrate with modern technologies and 35% are looking to adopt more advanced technology (such as, AI).[5]

Reimagine manual processes.

68% of people say they struggle with the pace and volume of work.[6]

1. IDC, 1 Billion New Logical Applications: More Background, Doc #US51953724, April 2024
2. IDC, IDC FutureScape Worldwide Developer and DevOps 2024 Predictions, Doc #US50136023, Oct 2023
3. "Unlock Competitive Advantage With Application Modernization," Forrester, 2024
4. "Technology Trends of 2024: The Year of Automaton, Simplification, and Consolidation," G2, 2023
5. "Top reasons driving companies' modernization of legacy applications and data worldwide in 2023," Statista, 2023
6. "AI at Work Is Here. Now Comes the Hard Part.," Microsoft, 2024



AI-powered enterprises are choosing to modernize with low-code solutions

Traditionally, organizations have invested in dozens of point solutions to solve challenges as new use cases arise. These individual investments have led to complicated tech stacks, siloed data and processes, and technical debt.

We now see that "AI-powered enterprises will 'build' software instead of 'buy it' – and many applications in enterprise portfolios will consolidate onto low-code AppGen platforms."[7]

7. "AppGen is an Existential Threat To The Enterprise App Business," Forrester, 2024

By choosing to modernize apps with a low-code solution, businesses can:

- Maximize value and lower total cost of ownership.
- Decrease risk.
- Streamline integrations.
- Simplify app management.

See it in action.
Nsure.com uses generative AI to automate manual processes and consolidate data in legacy systems.

Develop a smart approach to app modernization with Smartbridge and Power Platform

Power Platform, built on the Microsoft Cloud, offers a suite of comprehensive tools and technologies that enable developers and architects to take a low-code approach to app modernization and digital transformation projects.

Rapidly build apps.

Optimize with hyperautomation.

Deliver business portals.

Build agents.

Microsoft Copilot is available in Power Platform products to support makers in building solutions faster and smarter with the help of generative AI. Businesses can deploy the latest generative AI features in their apps via integrated out of box agents and custom agents built in Microsoft Copilot Studio.

Smartbridge

As a Specialized Microsoft partner, Smartbridge has the knowledge to guide your team on how to take advantage of Power Platform and Copilot capabilities to position yourself as an industry leader while:

- Reducing time to market.
- Boosting employee efficiency.
- Reducing technical debt.

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Reduce time to market

Bring your solutions to market faster by combining the use of custom traditional code with other development approaches using Microsoft Power Apps. By building intelligent apps on a fully managed platform, you get the best of both worlds—solutions that are purpose-built for their exact needs and don't require the long-term costs of maintaining full stack projects. Additionally, you can streamline every step of app development using the natural language interface within Copilot or start from a table, sketch, sentence, or your own code to build solutions your way.

Power Apps accelerates development by:



Enabling diverse types of developers to build solutions with less coding.



Offloading professional developers with templates and faster prototyping.



Power Apps enables developers to reduce app development time by **50%.**[8] These time improvements don't include Copilot support which has already provided time-saving benefits for early adopters.

Additionally, Power Apps enables you to deliver apps embedded with AI to quickly modernize legacy applications and systems. Power Apps users can quickly build app-specific agents.

They can also embed out-of-the-box AI functionality in apps for their end users to

- Fill forms faster.
- Get data insights.
- Take advantage of Copilot to ask questions.
- Use custom-agents to do work on their behalf.

Epiq saves 2,000 hours in work each month by automating employee onboarding with Power Platform.[9]

8. "The Total Economic Impact™ of Microsoft Power Apps," Forrester, 2024
9. "Epiq automates employee onboarding with Power Platform and saves over $500,000 a year," Microsoft, 2023

Boost employee efficiency with modern solutions

Power Apps enables users to design and deploy intelligent applications, and coupled with Microsoft Copilot Studio users can automate and execute tasks to achieve greater productivity. In a recent study, information workers reported that they realized improvements using just one of the Copilot assistance features. The smart paste feature enabled them to fill out forms 29% faster and 95% of respondents preferred it over manual entry.[10]

These benefits extend beyond simple form filling. Power Apps empowers employees across your business to rapidly build solutions designed for their responsibilities, including:



Finance—Cineplex built an agent using Copilot that categorizes invoices from vendors and determines the applicability of provincial sales taxes, saving the organization 30 minutes each time the agent is used.[11]



Sales and marketing—Connect disparate systems to provide instant notifications and mobile access to product information and sales tools.



Human resources (HR)—Epiq used Power Platform to streamline HR onboarding and offboarding processes from weeks to days.[9]



Operations—Transform auditing processes, modernize inventory management, and save on dispatch costs.



Frontline workers—Give workers and managers the apps they need to increase efficiency—on desktop, mobile, or shared devices, or in Microsoft Teams.

12%

Overall, we see that users experience time savings up to 250 hours per year (or up to 12% of their time).[12]

10. "Intelligent apps: Now created with a plan, optimized with agents, and scaled on a fully managed platform," Microsoft, 2024
11. "Cineplex saves 30,000 hours a year with Power Platform and generative AI," Microsoft, 2024
12. "The Total Economic Impact™ of Microsoft Power Automate," Forrester, 2024

Reduce technical debt, complexity, and cost

Using an end-to-end low-code platform that includes apps, automations, pages, and agents, you can gradually replace or enhance legacy systems with Power Platform.

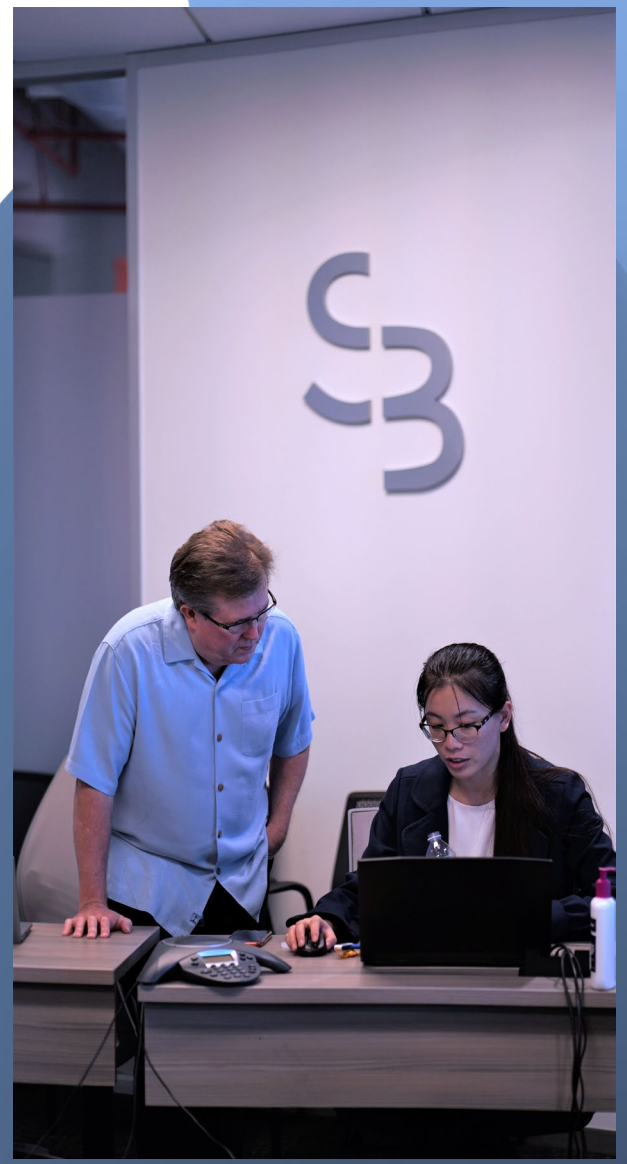
Built on the Microsoft Cloud, Power Platform reduces technical debt by providing a centralized platform for managing solutions and supporting continuous improvement with analytics and AI.

Easily integrate your tools and data with over 1,400 certified connectors and automation flows that cover your modernization needs with various approaches—from remaining on-premises to building new solutions, without needing to migrate the data.

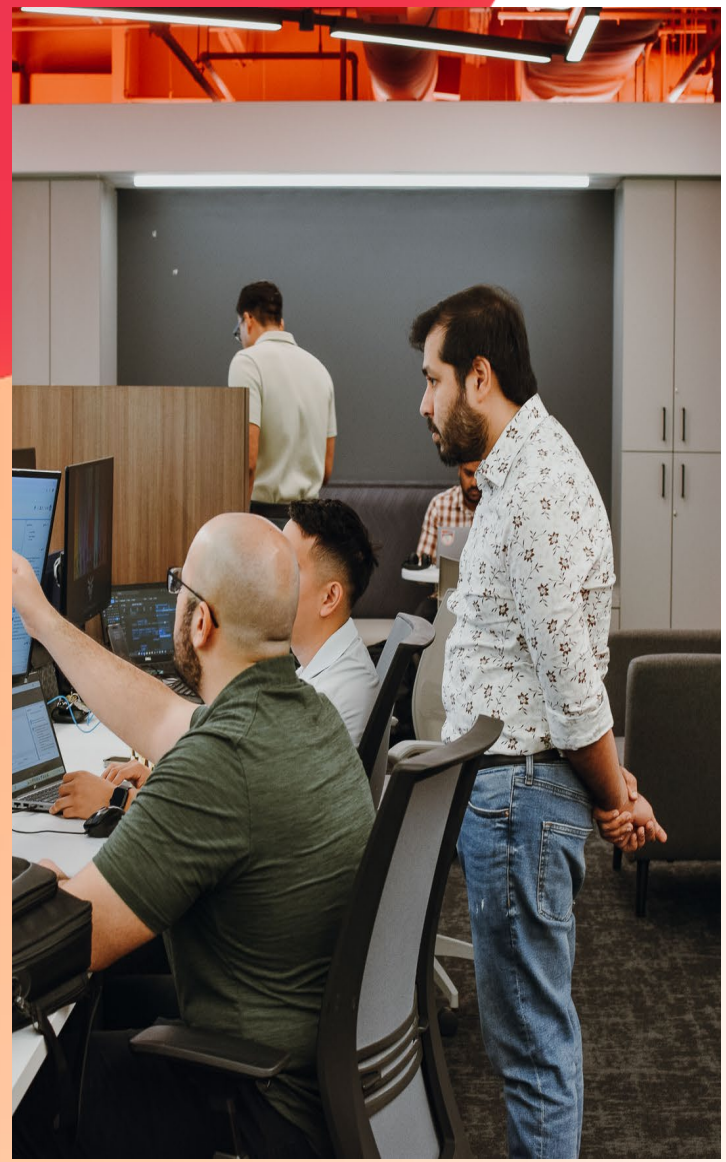
20%

time savings on maintaining integrations and data connectors[13]

[Read how T-Mobile created a single source of truth to centralize all their data with Power Platform[14]>>]



13. "The Total Economic Impact™ of Microsoft Power Platform," Forrester, 2024
14. "T-Mobile saves thousands of hours with Power Platform solution to manage customer initiatives," Microsoft, 2023

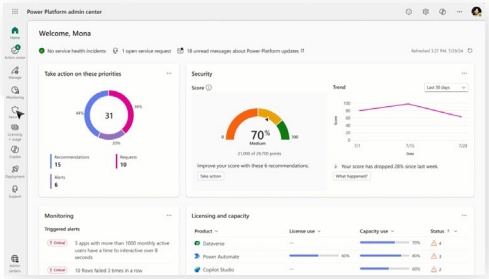


Modernize at scale on a fully managed platform

Power Platform offers all the functionality your organization needs to take advantage of data in AI-driven scenarios to realize the benefits of app modernization while maintaining the security, governance, and operational standards you need.

Managed security

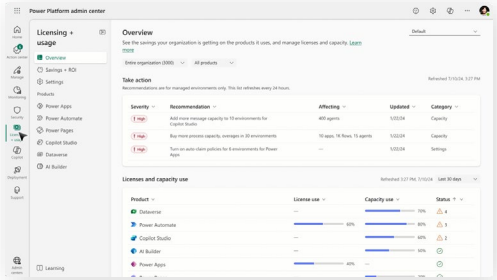
Advanced protection for an AI-driven world



- Security posture management
- Threat protection
- Data protection and privacy
- Identity and access management
- Compliance

Managed governance

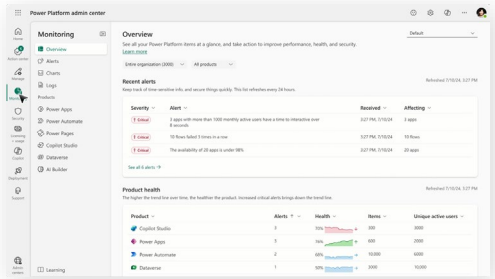
More visibility, more control, less effort



- Management at scale
- Environment strategy
- Reactive governance
- Full visibility
- Capacity and cost management

Managed operations

Operational excellence for mission critical applications



- App lifecycle management
- Observability
- Data resilience
- Quality checker
- Test automation

Conclusion

The demand and need for apps is only going to continue to increase. Businesses need a clear app modernization strategy and solution to overcome the challenges legacy apps will present moving forward.

Power Platform offers businesses an end-to-end approach to their modernization strategy with a comprehensive, AI-native development platform for all types of developers.

Start exploring how Smartbridge can help you take the first step in your app modernization journey with Power Platform today.

Skip Sales! Book on an expert's calendar now.

innovations@smartbridge.com | Smartbridge.com
713-360-2500



Smartbridge



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Solutions Partner
Digital & App Innovation
Azure



Microsoft
Solutions Partner
Data & AI
Azure

Specialist
Data Warehouse Migration
Analytics

Fabric Featured Partner
Microsoft Real-Time Intelligence
Databases



We know Microsoft

For 22 years, Smartbridge has been a Microsoft partner. When their partnership program evolved, we became one of the first partners to become Data & AI and Digital & App Innovation cloud solution designated, and ultimately a Specialized partner in Analytics & Data Warehouse Migration on Azure. We are also proudly a Fabric Featured Partner and Real-Time Intelligence Fabric Featured Partner.