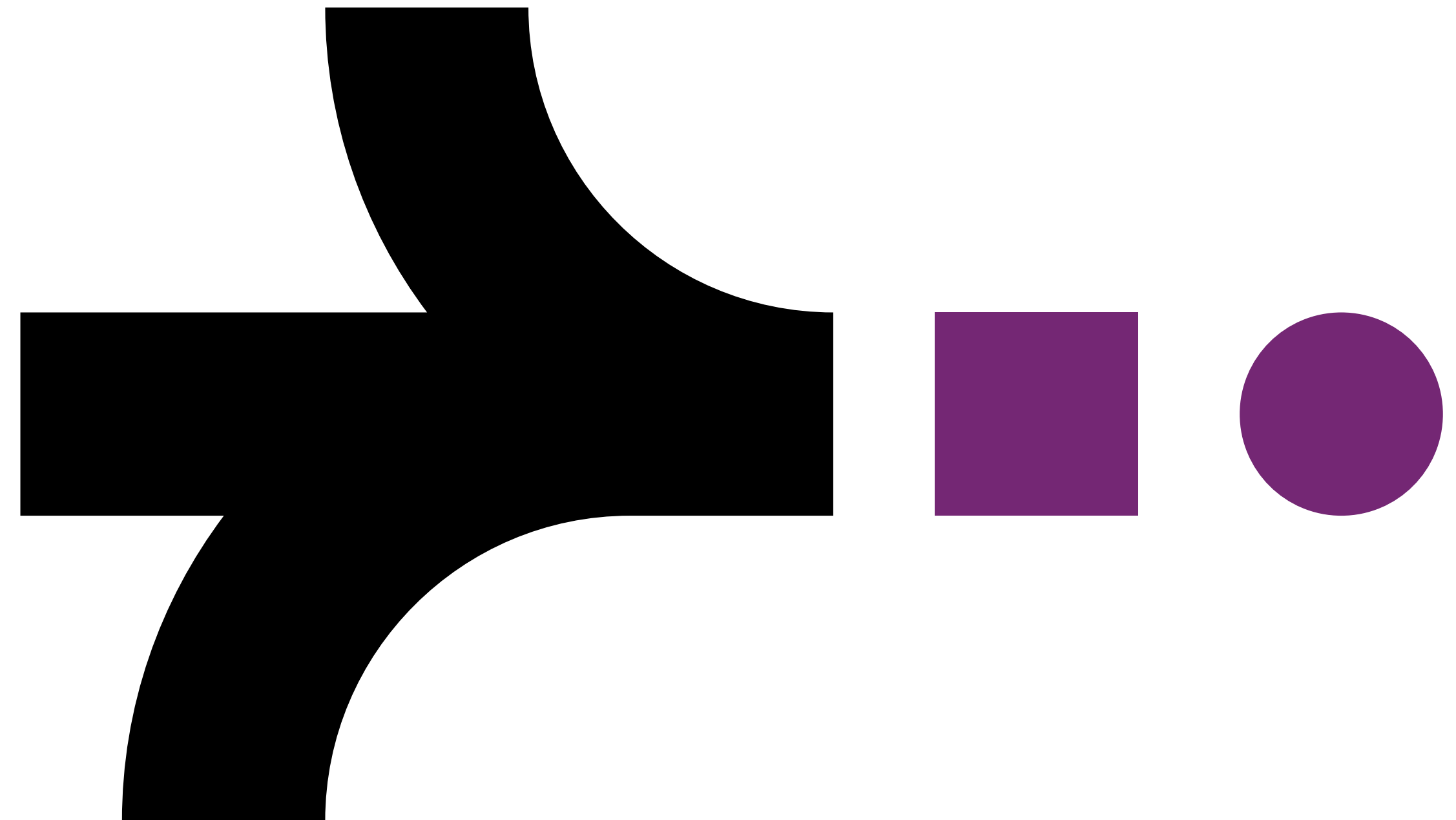




IT Strategy: Driving Efficiency Through Low-Code App Development

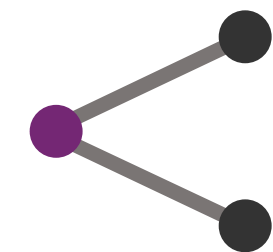
Empower every team to build rich apps with drag-and-drop simplicity



Low-code app development with Power Apps and Power Automate

As an IT professional, you are in the eye of the digital transformation “storm,” often with limited resources. From network maintenance to app development, compliance and security to systems integration, your work is important to many parts of your business.

Someone in HR deleted some files and wants them back. The VP of Sales wants you to build a custom solution for the sales team. You just learned that finance has deployed a non-compliant app. Meanwhile, you’re under constant pressure to innovate. Sound familiar?



Power Apps and Power Automate alleviate common IT challenges by accelerating app development while meeting the unique needs of the business.

Low-code doesn’t mean low-powered. With the extensibility of Power Apps to connect to hundreds of other apps, business systems, and databases, IT teams can use it to tackle in-depth and complex challenges, making app development much more efficient for professional developers. Using Power Apps with Power Automate also enables you to create automated workflows that streamline business tasks.

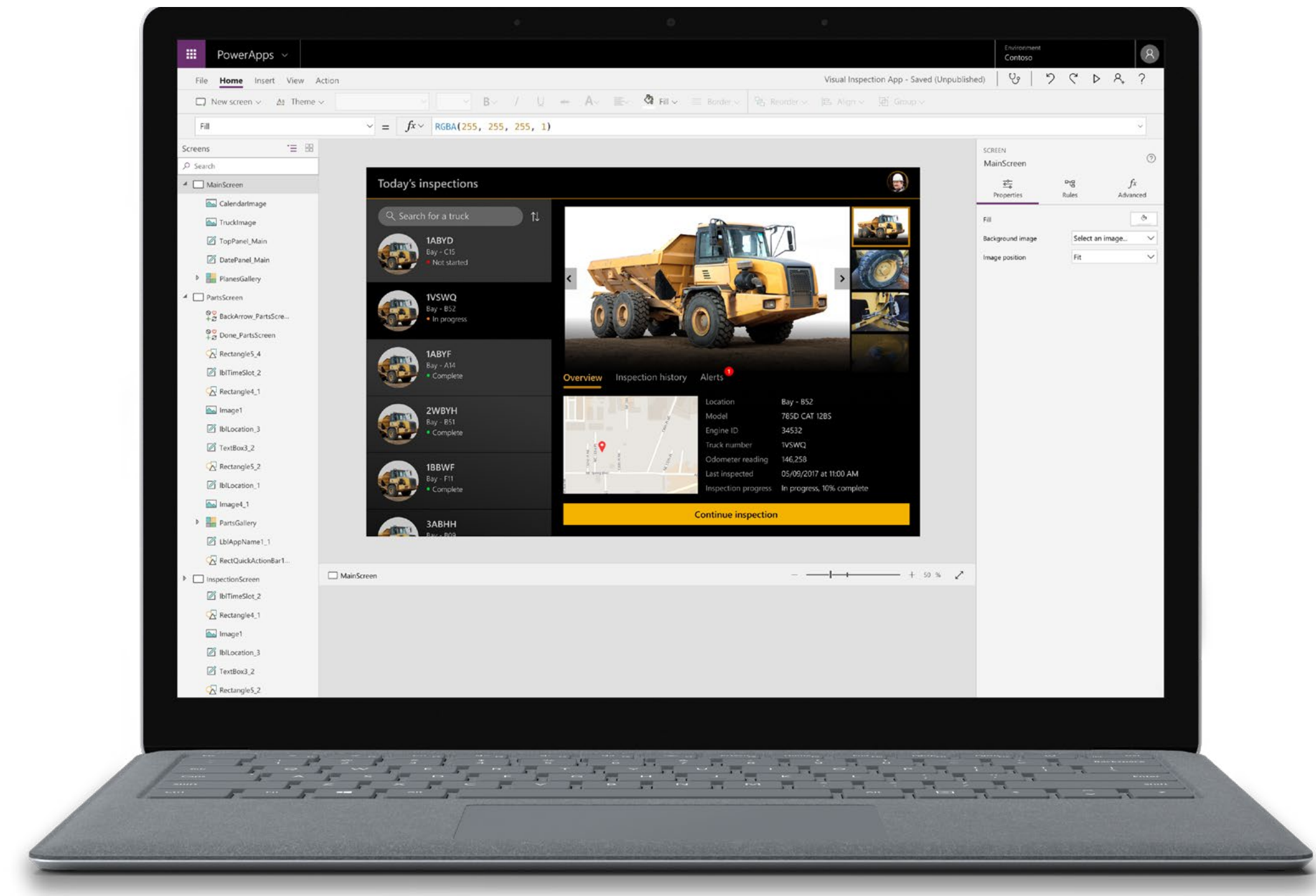
Until recently, creating apps rested solely in the hands of professional developers. However, the Power Apps low-code development platform also empowers non-IT employees to solve simple business challenges on their own by building business applications with drag-and-drop simplicity. So you can reduce your IT backlog knowing that your organization is building solutions in a secure and compliant environment.

What are Power Apps and Power Automate?

Power Apps is a low-code app development platform that enables you to easily build new business apps and extend or customize your existing apps. This platform makes it possible for almost anyone to build web and mobile applications without software development experience. By extending the power of app development beyond the IT department, Power Apps enables anyone from frontline workers to line-of-business employees to innovate, improve business processes, and automate repetitive or manual job functions.

Power Automate is a workflow automation application that streamlines the creation of everything from simple push notifications to complex business processes with defined steps and stages. It's a trigger-based system that allows employees to create and automate workflows and tasks across multiple applications and services without help from developers.

You can create workflows for repetitive or manual tasks, or scale existing processes efficiently. For example, a common business form might need approval from three different stakeholders before it's complete. Within your app, you can use Power Automate to trigger a reminder email to the three approvers when the form is submitted.



With simple app creation and workflow automation, people at your company can work smarter and more efficiently.

Here are some of the benefits you will experience with Power Apps and Power Automate.

Explore the benefits of Power Apps and Power Automate

01

Reduce IT backlog and quickly respond to business needs

IT teams quickly respond to solution requests by developing applications with Power Apps. The high-productivity, low-code development platform equips IT professionals with tools to rapidly build innovative web and mobile applications that meet the unique, evolving needs of your business. In addition, the enterprise-grade security and built-in governance in Power Apps accelerates organization-wide adoption without creating compliance or security concerns. Productivity increases, while the app development pipeline decreases.

[See how a facility management team is quickly building Power Apps to streamline tasks >](#)



Now we have more accurate data, more motivated people, and the capacity to intervene quickly because we don't have to wait until the end of the month to say, 'Aha, something isn't working right'.

Antonio Luciano,
*Head of Facility Business Planning,
Leonardo Global Solutions*

02 Empower teams to solve challenges

Streamlining business processes no longer rests solely in the hands of IT professionals. With Power Apps, you'll accelerate the democratization of app development and empower employees to create their own solutions quickly. That means almost anyone in your business can start using Power Apps to begin exploring how low-code or no-code app development can solve their business challenges. By empowering employees to solve their own problems, IT teams are freed up to focus on more strategic organizational initiatives.



Experience the possibilities of low-code app development at an App-in-a-Day event tailored for IT and business leaders.

[Learn more >](#)



The App-In-A-Day training really opened my eyes to how easy it is to build tools that streamline processes and allow colleagues to be better at their jobs.

Bella Chih-Ning,
*Analytics and Application Manager,
Partners In Health*

03

Do more within budget, time, and resource constraints

Organizations have limited resources to spend on applications, especially with costly traditional development methods. Even when a use case clearly generates an ROI, it might not rise to the level of urgency.

If you can make the development process cheaper, faster, and less labor intensive, many more scenarios become feasible. When app development becomes much more efficient, even niche use cases can become worthwhile and extremely valuable.



Demand for enterprise app development services is growing 5x faster than internal IT organizations' capacity to deliver them.¹

Power Apps enables you to build apps fast with a large selection of templates, real-time connections to business data, and easy-to-configure logic using Excel-like expressions.

The Forrester Total Economic Impact study for Power Apps and Power Automate, commissioned by Microsoft, concluded that organizations that adopt both technologies realize an ROI of 362%, reduce development costs by 70%, increase business process efficiency by 15%, and recoup their investment in only three months.

[Learn more >](#)

04

Automate time-consuming and manual business processes

Both Power Apps and Power Automate are designed to work closely with the core apps you already use, so you can easily increase productivity by automating mundane, time-consuming business processes into streamlined workflows. Businesses can use Power Automate to digitize paper-based processes and alleviate the need for manual data entry.

Here's an example of how you could easily create an expense reporting application. Using Power Apps, you'd create a simple app that allows an employee to create and submit an expense report. Then you'd use Power Automate to trigger an email to the appropriate manager for approval. The manager would be notified to approve, reject, or ask for more information. Any of those responses would trigger another email through Power Automate to notify the employee of the expense report status. This low-code application could be built with no coding experience.



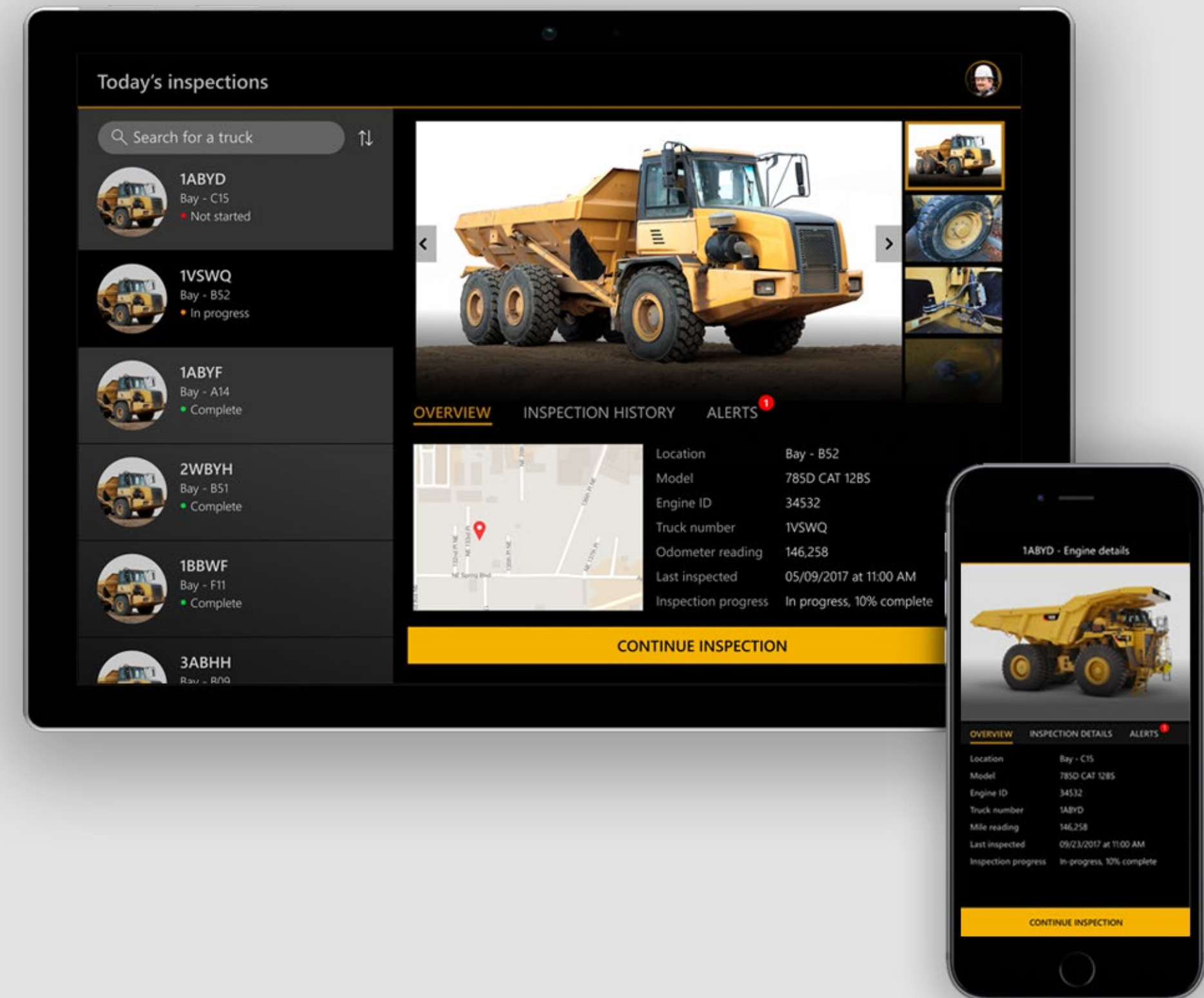
On average, only 50% of business processes are digitalized.²

05

Work across platforms

Most workers want to use applications anywhere, on any device. Building these types of multidevice, cross-platform experiences from scratch can be a challenge, but the rewards can be significant. If you can translate your business processes into engaging web and mobile experiences, letting users access information the way they want, you'll drive both adoption and value.

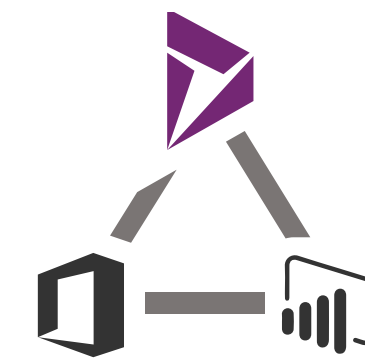
With Power Apps, you can build both web and mobile apps fast using a point-and-click approach to design. You can then easily publish those apps to the web, iOS, Android, and Windows 10. Power Apps is designed to be deeply interoperable with Dynamics 365, Power BI, and Office 365.





When teams resolve the problems they encounter when executing their work, they in effect define efficient operational models.

Gabriel Chenevoy,
Chief Performance Officer,
SNCF



Power Apps is designed to be deeply interoperable with Dynamics 365, Power BI, and Office 365.

Plus, with more than 200 connectors for many popular cloud services, from Dropbox to Salesforce to Slack—and the ability to create custom connectors with open APIs— Power Apps makes it easy to get your data into your apps.

[See how the French national railway is going all-in with Power Apps >](#)

06

Maintain security and control

The solutions you create in Power Apps are secure because they exist within the compliant Microsoft environment. Your Power Apps business data is stored either in the Common Data Service, Microsoft's data platform, or in other online and on-premises data sources, such as SharePoint, Excel, Office 365, Dynamics 365, and SQL Server. User identities are managed through Azure Active Directory using a role-based security model, making it easy to control user access to databases.

Environments can be incorporated as a way to create boundaries for different security needs. This makes it easy to ensure compliance by grouping apps with similar security requirements. Within Azure Active Directory, you can access full audit logs, usage analytics, data loss prevention, and security and data management. To reduce the need for shadow IT, Azure Active Directory provides the means to enable single sign-on (SSO) to thousands of SaaS applications.

[See how Virgin Atlantic is using Power Apps to manage safety and compliance audits >](#)



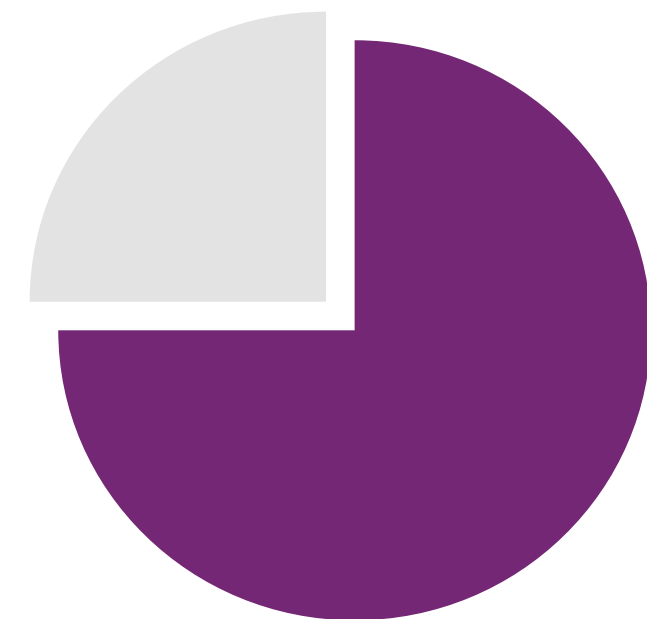
The admin experience tied it all together. I was able to demonstrate governance for Power Apps, get buy-in from our IT Operations Management team, discover other Power Apps developers in the organization, and start a community.

Manuela Pichler,
Development Manager,
Virgin Atlantic

07

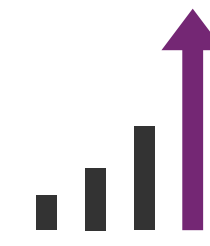
Manage technology debt

Companies need to make the most out of the technology they have while reducing the complexity of managing existing systems, some of which may not be built for an agile world. “Technology debt” is a way of thinking about this aging technology, as well as legacy applications, and how IT leaders face almost constant (and often costly) trade-offs between maintenance and new development.



70% of C-level executives say technology debt reduces their ability to innovate.³

If you can simplify application creation and data connections, your organization can make these choices easier. You can extract new value from core systems, while retiring complex, custom apps in favor of documented, standards-based, integrated apps.



Power Apps makes it easy to incrementally move functionality to a modern application framework and works with a wide range of data types.



Power Apps also supports developer extensibility, for when you're ready to take a self-service app even further.

Unleash the power

Power Apps and Power Automate allow people of varying skill levels to develop custom business applications and streamline workflows and processes. Empower employees to solve their own business problems with intuitive visual tools that don't require code, while enabling professional developers to focus on complex challenges and evolving business needs by building powerful, custom applications in less time.

Accelerate app development for your business.

Create automated workflows and processes without coding.

¹ Gartner. [How to Deliver Enterprise Mobile Apps Faster](#). 2015.

² McKinsey, 2017.

³ Accenture, [In the Blink of an I.T.](#) 2018.