

Instantly Webify Your Legacy Applications



Table of Contents

03

Legacy Applications and the Cloud Integration

04

Legacy Apps a Roadblock to Digital Innovation

07

Dealing with the Legacy App Integration Problem

09

Legacy App Integration with HokuApps - How It Works

12

Using HokuApps as a Catalyst for Digital Transformation

Legacy Applications and the Cloud Integration



Legacy apps are like the anchor of a ship. An anchor can protect a ship by providing a foundational connection to the seafloor, allowing it withstand extreme situations. However, if the systems supporting the anchor are damaged, they can leave the heavy weight dangling into the depths, holding a ship back and causing emergency after emergency. The same goes for legacy apps. Use them at the right time, and they are an invaluable asset that can keep your business afloat. Leave them in place in a less-than-optimal position, and they will hold your business back.

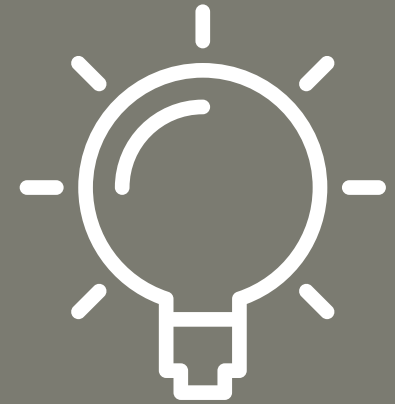
Integrating legacy apps into the cloud eliminates the maintenance and management overhead that comes with keeping them running within your IT configuration, maximizing the value potential of legacy technologies. HokuApps, a cloud application platform, can host legacy apps in a secure, flexible cloud environment that allows you to integrate outdated solutions with even the most modern applications.

An abstract graphic on the left side of the slide. It features a grey background with a white line that curves and then is blocked by a black and yellow striped barrier, symbolizing a roadblock. The barrier is composed of several parallel diagonal stripes.

Legacy Apps a Roadblock to Digital Innovation

The choice of whether to move legacy apps into the cloud or maintain them in a traditional IT configuration represents a major decision for enterprise IT departments. On one hand, moving a legacy app into the cloud can create a significant development burden and end up being an incredibly costly process. On the other, legacy apps residing within an IT department that is otherwise driving modernization can hold back innovation and create huge maintenance and management costs.

Hitachi Consulting Survey & Computerworld Tech Forecast 2016



Approximately 90 percent of IT decision-makers responding to a Hitachi Consulting survey said that legacy applications are limiting their ability to support digital innovation in the business. The core constraints of legacy apps are forcing IT teams to spend extensive time simply supporting those systems and building workflows around them - so much so that they can't put resources into innovation. Of those polled, 36 percent said legacy apps are a barrier to at least the majority of their new projects, with some even claiming that legacy systems impact all of their new initiatives.

Businesses can't afford to let technological limitations come between them and embracing digitization. Doing so could leave them falling well behind competitors. The Computerworld Tech Forecast 2016 found that a commitment to digital operations is the most common theme across all enterprise segments as IT choices ranging from budget expansions to staffing decisions are being made with digital transformation in mind.

Organizations are embracing this transition to digital operations by moving away from legacy technology models and to the cloud. Computerworld found that, in cases in which IT spending was expected to increase, cloud computing was the second-most prominent target for those funds. Conversely, reducing funds put toward maintaining on-premise systems was the primary way respondents were working to reduce expenses. The bottom line here is simple - organizations trying to enact digital transformation within business units are also changing their IT strategies to favor the cloud and move away from premise-based assets.

Legacy apps are the elephant in the data center for modern IT departments. They take up excess space in the budget and way too much time on a day-to-day basis, but it often seems easier to just pretend they aren't a problem and move forward because finding a way to deal with them would be so much work. HokuApps is changing this perception by making legacy app integration with the cloud simple, eliminating the burden that comes with establishing data and process workflows around legacy apps.



Dealing with the Legacy App Integration Problem



Cloud Computing

The legacy app migration issue began when cloud computing emerged and some apps were unable to work well within a virtualized environment. These apps couldn't be migrated to the cloud without extensive re-coding, and organizations moving to the cloud were forced to maintain a hybrid IT environment, whether they wanted to or not.

Anytime anywhere accessibility

Enterprise IT departments have transformed around the cloud, creating a situation in which legacy apps have become more problematic and onerous. As cloud computing has risen, enterprise users have become accustomed to anywhere/anytime access to apps and services that share data with one another in near real time. Suddenly, legacy apps are no longer simply annoying systems sitting in old servers in your data center. They are a data bottleneck that can't offer the automated data sharing and streamlined accessibility that users have become accustomed to.

This lack of data integration between cloud and legacy apps is a deal breaker for companies trying to transform around digital tools. Businesses can't go digital if strategic workflows are locked behind inefficient operational models better aligned with how organizations operated a decade ago.

HokuApps deals with this problem through a collection of pre-built connector solutions that can be added onto legacy apps that are moved into our cloud application platform. From there, the core app remains the same, but the connectors provide the data portability and end-user accessibility needed to eliminate the overhead associated with legacy applications.





Legacy Apps Integration with HokuApps - How It Works

Data workflows are driven by the underlying logic built into an application. Lines of code and algorithms set how different end-user commands will move data between different sources and define which system resources and databases will be used to make this information available.



Our cloud app platform serves as a customized operating system that we configure to redefine the logic and workflows that legacy apps use, letting them seamlessly interact with cloud apps and services. This may sound like a complex and time-consuming process, but we use pre-built connectors with more than 200 cloud apps and services to allow for streamlined integration.

With all of these options in mind, the application platform becomes a hub where all of your process and data workflows intersect. The connectors then attach to your legacy apps and bridge the gaps between their core architectures and the cloud, allowing them to reside within the platform and function hand-in-hand with cloud apps and services.

Instead of having legacy customer relationship management, enterprise resource planning, databases, productivity solutions and similar tools all segregated from one another, they are all unified by the platform. This ensures that:

- Data can be moved freely between different apps and services, allowing users to collaborate across lines of the business and take advantage of the full potential of digital tools.
- Information is made available on any device type as your various apps and data workflows all come together within the cloud platform.
- Background databases update automatically based on user activities, preventing duplicate information from residing across systems and making it easier to maintain high levels of data quality.

- Automated workflows are built on scripts that can be configured to automatically track how and why data moves between various sources, creating built-in audit trails that simplify regulatory compliance.
- New functions can be added to apps and services with ease by deploying new connectors or using pre-built low-code packages to fine-tune interfaces or roll out new tools within apps.

All of these capabilities extend out across all apps and services within the platform, eliminating the overhead that comes with legacy applications by fully integrating them with the process and data workflows that are in place in the cloud.





Using HokuApps as a Catalyst for Digital Transformation

Though it sounds a great deal like marketing buzz, the idea of digital transformation is emerging as a core part of the modern enterprise. It isn't an exaggeration. Instead, businesses are increasingly aware that they have an opportunity to take advantage of emerging technologies and tools to give end users access to the apps and data they need whenever they need them, allowing for true digital transformation.

The challenge is that transformation isn't an evolution or even a transition. It is an all-in move to a new way of working. Instead, IT and corporate functions must be aligned to eliminate legacy process models and allow users to operate wholly within the digital world. This requires changes to processes, data management strategies, cultural expectations and the underlying IT systems that support it all.



Legacy apps that stall data workflows are just as damaging to a digital business as a lingering paper-based process. Finding ways to integrate these applications with cloud systems brings the full flexibility and adaptability of digital transformation to bear within an organization.

At HokuApps, we pride ourselves in being able to combine process and technological innovation into our solutions. We take the time to get to know our customers' business and can ensure they get the connectors and custom app solutions they need to integrate legacy apps with the cloud and unlock the full potential of digital transformation.

Getting to know Hoku**Apps**

The HokuApps Rapid Application Development Platform gives organizations the tools they need to turn app ideas into deployed solutions in a matter of days. It provides pre-built connectors to integrate custom apps with a variety of popular solutions, making it easier integrate legacy apps with the cloud and roll out new solutions quickly and efficiently.



Pre-built tools that drive efficiency

We have built the HokuApp platform with business value as a priority. The system is designed to empower users to create intelligent, agile solutions to fit any of their workflows. With simple user access and reliable security, you'll be able to build out apps that align with specific business needs, even for complex, data intensive processes.

Streamlined capabilities that ensure ease-of-use

Rapid app platforms alleviate the development burden on your IT teams. This is achieved through low-code systems that eliminate the need to write new lines of code for every capability.

Functionality across diverse lines-of-business

The modern enterprise is built on apps. Users need access to data and the ability to complete key tasks from any location, using any device. The HokuApps platform is built to fuel this functionality with workflows that support a variety of business units.

Aligning technology with the business

Organizations are increasingly dependent on IT systems to keep up with competitors. One-size-fits-all apps are falling out of favor as each company has unique needs. HokuApps provides the rapid development functionality you need to roll out apps that align with your specific operational demands.

HokuApps is a leading cloud application development platform provider. Our pre-built connectors and modules provide easy legacy app integration to the cloud and empower businesses to create custom solutions based around their specific operational demands. HokuApps provides the platform and tools needed to get proprietary apps rolled out in a matter of days.

For more information about HokuApps, visit www.hokuapps.com, follow us on Twitter and Facebook or reach out to us at support@hokuapps.com.