

# Leaping Over Software Modernization Hurdles: How No-Code Changes the Equation

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## Under Pressure: Build-Extend-Convert-Buy?

Companies on a **legacy modernization** path often face many of the same challenges. The first is usually a portfolio rationalization effort. Taking inventory to build a portfolio (sometimes referred to as an archaeological expedition) is no small feat for a company that has been around for a while. It's not uncommon that the list is exhaustive, and the small projects end up on the "never will get done" list.

**Modernizing critical software applications is complex.** There are continued coding costs and lengthy development cycles to update or re-write older programs that are still widely in use. Couple this with pressures on strained developer resources and uncertainties about the time and training required to convert to totally new applications, businesses are under tremendous pressure.

Riding out these challenges but not effectively dealing with all legacy systems creates significant technical debt. Such hurdles can block a major modernization goal of retiring the mainframe or eliminating legacy data platforms. Often, other complexities are present. Most large enterprises have multiple software systems performing "similar" functions.

Speedy no-code technology is an effective solution. What if you could efficiently extend the capabilities of one while stair-stepping over time to retire selected redundant systems as your modern no-code apps become more central to your operation?

## Legacy Software Reborn with No-Code

With Leap's no-code application development platform the cost to build is a fraction of traditional methods. No-code tools are easy to use, and adoption is accelerating in most organizations which makes adding a low-code/no-code solution a wise, cost-effective strategy. According to a recent Accenture blog:

"These trends have gained even more momentum since 2019. I can tell you that almost every organization I talk to is using or interested in using low-code/no-code (LCNC). And that jives with the findings in the [Technology Vision 2021 report](#): More than a third of executives say they're already investing in LCNC."

## **Resolve the Trap of “Build or Buy”**

Because it is endlessly flexible AND affordable, you can buy Leap to extend and replace incrementally, averting the build or buy dilemma. The Leap platform resolves your software and technology lifecycle dilemma and alters the cost equation with its affordable, elastic technology by leveraging existing skills, systems and even spreadsheets.

The Leap No-Code App Factory allows for short-cycle prototyping, easy API integration, and quick reconfiguration to extend outdated and legacy applications. Your business can add new capability and modernize or replace the old at the same time.

You don't have to replace your core—the Leap app integration layer converts data and code into modern applications. Leap can even customize your “extension app” so the data, functions, and integrations are translated and maintained in the modernized version. And, because Leap is easily configurable, we can set up any new applications to be easily updated or refined by your team—all without you having to develop any new code!

## **Leap is Scalable to Grow with Your Customers' Needs and Your Enterprise Sustainability**

Leap is scalable technology, both horizontally and vertically. It is full cloud, containerized and secure. Leap can connect to DB2 on the mainframe or MongoDB in a cloud -- all within the same app. Leap's integration layer means as data platforms migrate, end users are not impacted. Leap can extend off-the-shelf products. Our flexible no-code layer can be used to fill functionality and feature gaps that large, industrial software isn't designed to address.

Because Leap is a drag-and-drop, entirely data-driven platform, it is easy to use and build applications whether created by business or technical experts. With its suite of built-in “administration features” Leap makes it easy to protect sensitive data and to tailor access and permissions for app builders and users. Leap's simple automated auditing functions provide a continuous usage and update dashboard to easily report changes to any field in an application.

One of Leap's global enterprise clients deploys the platform and custom integration services to completely modernize several critical apps, each well over decades in use across the company. By migrating archaic on-prem databases and re-deploying functionality and algorithms with a fresh user interface in Leap, company tech leaders revitalize the entire software.

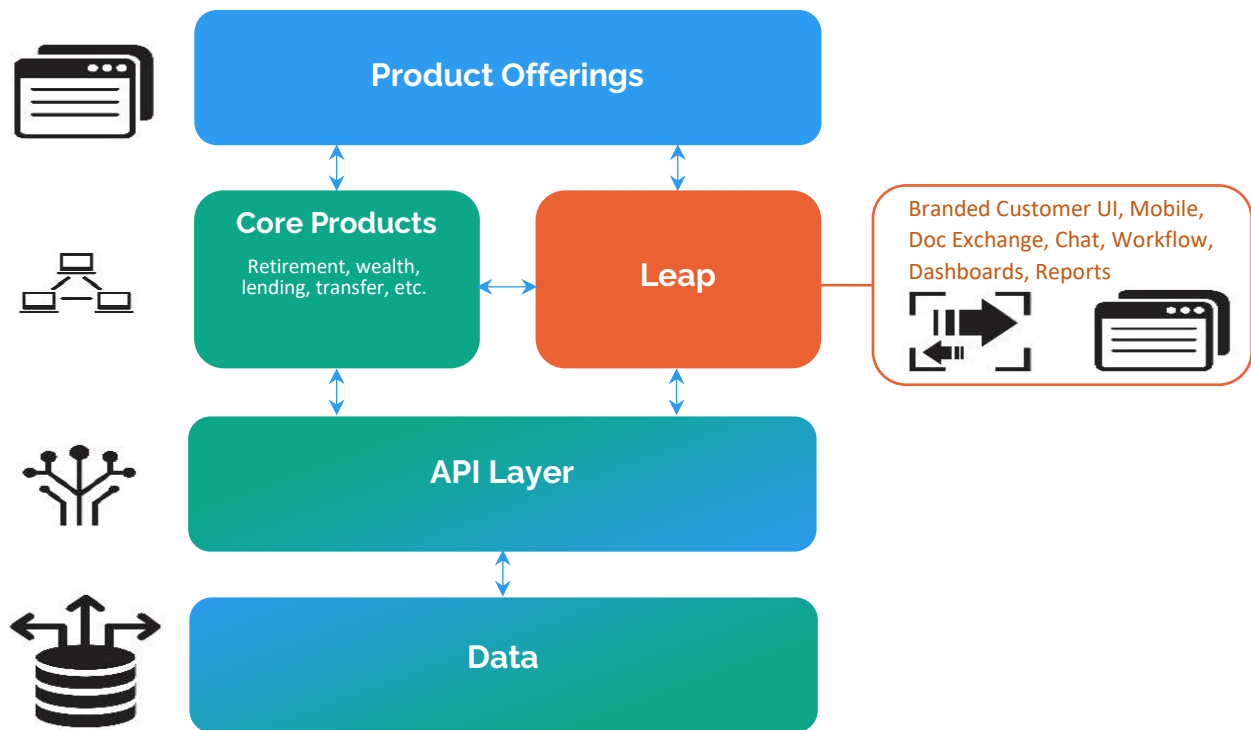
## Integrating Leap is Easy

Integrating Leap to your technology stack starts with a simple plan:

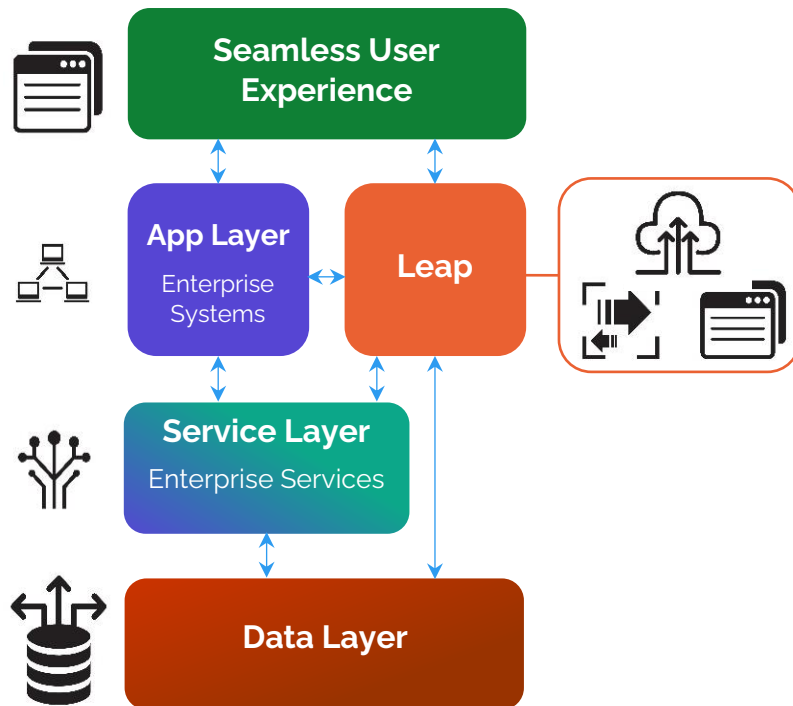
1. Identify applications that greatly improve productivity and/or customer satisfaction.
2. Sketch data inputs, key functions and UI requirements for delivery to the critical customers or internal “personas.”
3. Note the outputs from Leap and where you need those to go.
4. Combine for an MVP storyboard.
5. Now you or LeapXL can connect the data using Leap’s data and API provisioning tool, prototype rapidly, test and deploy.

## Leap Fits into the Top of the Stack

Leap is a flexible integration layer that seamlessly and securely connects to data and service layers near the top of enterprise technology stacks. For financial technology companies and banks, Leap might be connected like the diagram below.



For other technology companies, Leap fits into your stack as an integrative app layer.



Because Leap can integrate at many levels and provide capability to people and systems of varying sophistication, IT teams have flexibility in deploying Leap *quickly* for the best outcomes.

### About LeapXL and the Leap No-Code App Factory™

LeapXL, founded in 2018, is a fintech company based in Arkansas. LeapXL is in market with a no-code application development platform that companies use to build secure, customer-facing apps, workflow and analytical capabilities at unprecedented speed. In the same way the assembly line revolutionized the world of manufacturing, we are part of a revolution in how to build software, a revolution that Gartner predicts will be responsible for 65% of all application development in the world by 2024.

The Leap No-Code App Factory is an expandable platform-as-a-service capable of quickly delivering high-quality no-code software solutions with a wide range of customizable features. Our product suite is designed to support the technologists, decision-makers, and data/business analysts trying feverishly to meet customer demands and internal productivity needs in the Banking, Financial Services, Insurance and Tax sector. It allows both the LeapXL team and our customers the creative automation power to bring new products to market and speedily configure data inputs, UI and outputs for each individual customer.