



coenterprise

# Boost Your Business

Why You Need To Modernize  
Your Legacy Applications



## APPLICATION MODERNIZATION

# Out With the Old & In With the New

Application modernization is the process of transforming a legacy system into a modern infrastructure by transforming their features and architecture. These projects pose an organizational challenge for companies but they also offer the opportunity to reorganize and adapt IT landscapes to the latest trends and requirements (and not to mention gain a competitive advantage).

Depending on your specific business and the strategy chosen, a number of **different approaches to modernization** are possible—ranging from a complete technology overhaul to the targeted further development of the application, to even replacing the application with standard software.

The reasons why you would want to modernize are abundant, but we've zeroed in on several that we believe are the most beneficial for your organization.

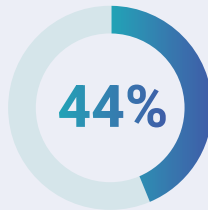
**Here are five important reasons you should consider modernizing:**



# 01

## It makes your applications cloud-ready and drives growth

It's no secret that the business landscape is shifting towards the cloud. If you resist, there's a chance you and your organization may be left behind. By modernizing your applications, you're instantaneously getting the benefits of cloud computing right off the bat. When you containerize those monolithic, legacy applications that have been obsolete for some time, they can immediately become cloud workloads (an app, capability, service, or specific amount of work that can be run on a cloud resource). That means you're getting all of the convenience and practical benefits the cloud has to offer including portability, elasticity, scaling, and resiliency.



**of CIOs believe complex legacy technology is the chief barrier to digital transformation**

(Logicalis Global CIO Survey)





## 02

### Significant cost reduction

Okay, stop us if you've heard this one before—but this isn't an empty claim. It really does help you reduce costs! According to several studies, organizations who modernize their applications are four times more likely to experience a significant cost reduction.

How? Well, by moving to the cloud you're effectively cutting costs associated with maintaining physical data centers and their associated utilities. Also, you're most likely spending a large portion of your IT budget on just maintaining those outdated legacy systems which you'll be able to recoup upon modernizing. Additionally, it will allow you to automate previously manual tasks and save money on expensive resources.



# 03

## Streamlines resources

Many of the applications used by businesses today have been around for decades, which means the resources and personnel that were trained to effectively manage them have retired. By modernizing with a container strategy, you're standardizing the toolsets and employing a consistent approach to running your applications.

For example, when you leverage containers to modernize you're effectively wiring up your applications into a repeatable and consistent pattern. As a result, all the tooling around it becomes common and standardized. Repeatable tasks like monitoring, logging and continuous deployment all become common tool sets rather than application-specific. By doing this, you're able to offer employees new skill development and career growth while providing the ones who are retiring with skill sets they can take with them due to the applications fully meeting the needs of the organization.

**The global application modernization market size is expected to grow from \$11.4 billion (currently) to \$24.8 billion by 2025**

([marketsandmarkets.com](https://marketsandmarkets.com))



# 04

## Improves security & compliance

It's simple—outdated legacy systems are highly vulnerable to security breaches. That's not an opinion, it's a fact. Secure data and transactions are vital to your business, so wouldn't you want to ensure you have the best protection for them? By modernizing via containerization you're also getting the trusted and reliable security that comes along with it. The information in your applications will be secured and encrypted by the most up-to-date best practices.



# 05

## Helps you save time

Containerizing your applications will also allow you to deploy them much quicker and give you greater agility when it comes to managing them. Tasks that may have taken hours can now be completed in a matter of seconds. This is due to the fact that everything is deployed within a registry (images of operating system, application, infrastructure are all within a single container). You can also migrate workloads or applications between the cloud (multi cloud, hybrid) and on-premise applications very easily. Gone are the days when you would need to be concerned about the differences in cloud providers.

The bottom line when it comes to application modernization—by converting your legacy systems you continue to see the ROI from your previous investments plus you're able to achieve all of the benefits we discussed above. Additionally, you won't need to deploy or install new applications to get them cloud ready.





## For Fast Results, Consider CoEnterprise's Application Expertise

Typically, system integrators boast either an extensive history of cloud OR application expertise. But at CoEnterprise, we have broad experience across both. As you embark upon your modernization journey, we can help you determine which cloud providers will be a part of your strategy going forward and help you create a comprehensive plan to ensure you set up your infrastructure and applications correctly.

We believe in a holistic approach that focuses on both your applications and infrastructure to create the best possible outcome based on your specific business goals. Combine that with long-standing relationships with some of the largest and most successful cloud and container providers in the space, including **Red Hat** and **IBM**, makes us your trusted partner.

Ready to take the leap? Let's chat!

Learn more about [our experience](#) and how we can help you or [drop us a line](#) today.



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