Four reasons refactoring applications helps your business compete

Modern applications are a competitive imperative

95% of respondents to a recent survey believe **application modernization is essential for their organization's success**[1]

But, most modernization projects are harder and more complex than anticipated

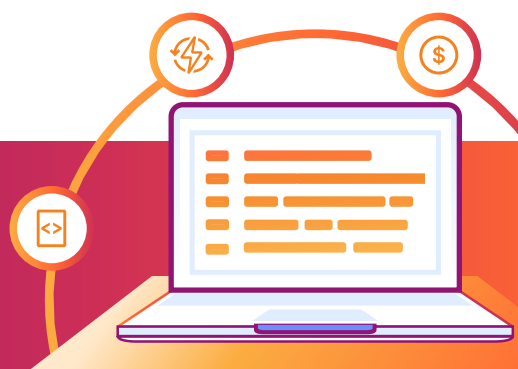**79%** of application modernization projects fail[2]

Refactoring helps you meet your objectives

Refactoring transforms and builds your application infrastructure to **future-proof capabilities** without impacting existing behavior or functionality. With modern technologies, such as AI, serverless, and microservices, you can **innovate and scale your applications to support your changing business requirements.**
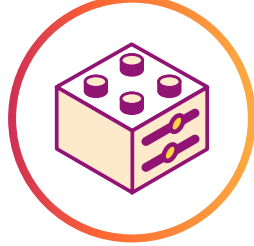
63% of engineering teams say technical debt is slowing down application delivery—and **refactoring is the most common solution**[3]

Four reasons to refactor

Increase innovation and developer velocity

Leveraging a composable cloud-native architecture makes it easy for developers to build and update applications to launch new capabilities in a secure, scalable way. **This gives flexibility to quickly address requirements and capitalize on market opportunities.**[4]

Improve application performance

Using a serverless, composable infrastructure gives you the **speed and agility needed to provide the best user experience.** This architecture empowers you to run your applications at the network edge, closest to your users.

Reduce costs

Consolidating on a single, cloud-based platform can help decrease technical debt and free up budget over time.

30% **infrastructure cost savings** were realized as a result of migrating to modern platforms, according to IDC.
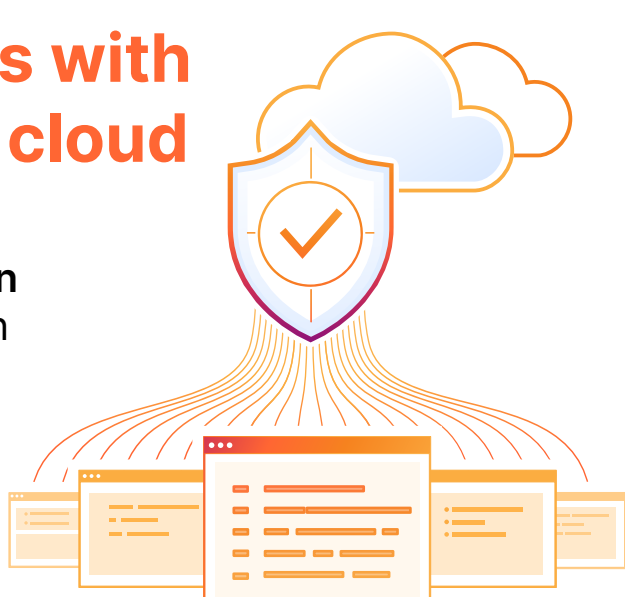
Streamline security and compliance

Refactored applications can improve your security and compliance programs by providing a unified policy engine, built in role-based access, secure logging, and simple audit trails.

42% **fewer security incidents** were experienced with modernized applications.[5]

Refactor your applications with Cloudflare's connectivity cloud

Cloudflare's connectivity cloud can help accelerate time to value when modernizing your applications, offering a unified, scalable, and secure refactoring approach.

Reimagine digital experiences, accelerating the building, consumption, and deployment of AI services and full stack apps with Internet-optimized AI and app primitives.

Cloudflare offers a global network closest to users with programmable app and AI compute, storage, security, and delivery primitives that can be easily integrated into existing tech stacks without a significant learning curve.

Learn how Cloudflare can help you gain a competitive edge

LEARN MORE

Sources:
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3. Stripe Developer Coefficient Report 2023
4. IDC, https://www.vmware.com/docs/vmware-idc-business-value-of-azure-vmware-solution
5. IBM DevOps Performance Study

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