

Why Application Modernization **Matters: The Top 5 Business Drivers**

As organizations evolve, continuously modernizing their mission-critical applications will make sure they continue delivering value in a cost-effective and secure manner. Sometimes this modernization is driven by an acquisition or board-level business initiative. Other times, a loss of vendor support, unacceptable levels of risk, or cost inefficiencies are what drive the change.

Here are the five most common challenges created by outdated applications, and how a successful modernization strategy can help overcome them.



Stalled innovation

Outdated systems, architectures, and processes often lead to long lead times for changes and large, infrequent release cycles. This hinders a company's ability to quickly deliver value to customers, adapt to market shifts, and seize emerging

opportunities.

Modernized applications and environments are always evolving and ready to support rapid experimentation and continuous delivery. This empowers organizations to deliver value fast through efficient repeatable automated processes and capitalize on evolving technologies.



Increased support, security, and compliance risks

Built on outdated frameworks and architectures that are difficult to update, maintain, and integrate with modern technologies, legacy applications can present many risks to modern IT operationsincluding limited supportability, growing security vulnerabilities, and compliance challenges. Additionally, they often require complex, high-risk release processes that slow innovation and increase the likelihood of errors.

mitigate these risks by reducing technical debt, enhancing security, and simplifying management creating a more agile, secure, and scalable environment. The growing legacy skills gap will also be addressed when applications are kept up to date.

Application modernization helps



-level demands

Meeting service

revenue and customer satisfaction. Due to tight coupling in monolithic applications, legacy applications can go offline. They also often lack the ability to scale quickly, hindering business growth.

System downtime directly impacts

with loosely coupled architectures and cloud-native capabilities offer a platform with enhanced stability, resilience, fault tolerance, observability, and horizontal scalability. This leads to higher availability and the ability to handle fluctuations in demand with ease.

Modern applications—designed



Threats to profitability Legacy applications—compounded

by an aging workforce, limited technical expertise, and unsupported technologies—can prevent businesses from delivering new features and capabilities that provide a competitive edge—impacting profitability.

DevOps practices enable businesses greater agility, allowing organizations to meet evolving customer expectations, unlock new revenue streams, and differentiate through making, and Al-driven development practices—keeping them ahead of market demands and technological

In contrast, modern applications and



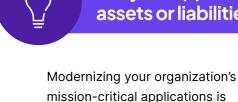
Operating a complex and outdated application environment leads to rising, management, operational, hosting, infrastructure, development, licensing, support,

Inflated operational expenses

and maintenance costs—driving the need for consolidation and greater efficiency.

While application modernization requires an upfront investment, modern applications can leverage cloud services to significantly reduce infrastructure

costs. Benefits include streamlined development, automation of manual tasks, optimized resource utilization, and a decreased reliance on costly hardware and software licenses. Together, these enable flexible scaling based on demand, improved efficiency, and a better return on investment—delivering more



assets or liabilities?

Are your applications

mission-critical applications is essential for sustaining growth, staying competitive, and delivering continuous value. The consequences of not doing

between innovation and continuity. That's why Ensono advocates for continuous modernization, which delivers incremental application modernization rather than

straightforward or easy. The right approach

to modernization requires striking a balance

Of course, modernization isn't always

a larger, riskier, and more disruptive undertaking. An incremental approach helps increase organizational agility by enabling your business to adapt to new technologies as needed, while generating cost savings along the way.

continue your modernization

journey with confidence.

so could include stalled innovation, profit erosion, and ultimately, diminished market relevance.



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By consistently investing in modernization, organizations can overcome today's challenges and build a resilient, future-ready foundation.