

Application Modernization Services

Modernize your legacy applications to introduce new features, improve scalability, enhance security, and boost user experience.

The business landscape is changing rapidly. Legacy technology systems might own the entire organization's data and processes, which makes it difficult to rule out these systems. Realizing the solution to such problems, the App modernization services market is estimated to hit USD 24.8 billion by 2025 from USD 11.4 billion in 2020, says [MarketsandMarkets Research](#).

Synoptek offers a range of Application Modernization Services to restructure, re-architect, or revamp legacy systems and update them with modern features and capabilities that better align with evolving business needs. We make use of modern tools and technologies to modernize your existing application landscape and bring it up to speed with ongoing trends.

Synoptek's Full Suite of Application Modernization Services:

- Application Assessment
- Application Re-Architecting and Re-design
- Migration and Cloud Enablement
- Microservices and Containerization

Application Modernization Services help to:



Improve the user experience



Improve scalability, performance, and security



Maintain a competitive edge through best practices



Reduce technical debt

The 'Five Rs' of Application Modernization

Keeping your business applications on the "cutting edge" has never been easier or more reliable. Powered by Azure's tools and Synoptek's experienced professionals, your applications can match your business's potential. Here are the five Rs of application modernization.

01

Rehost (Lift and Shift)

Helps you migrate quickly and save cost compared to the on-premises option.

02

Refactor

Allows to utilize cloud services and rearchitect to get the benefits of new architecture.

03

Revise/Re-platform

Helps you to migrate few components to the cloud.

04

Rebuild

Allows you to discard legacy application and build new as well as utilize best platform and architecture.

05

Replace

Replace your current technology/ application to a new one and get access to new and better features

Microservices Architecture components

Synoptek implements Microsoft-validated Microservices Architecture using the following components - Azure Active Directory, API Gateway, Client Applications (Angular) (App Service), RabbitMQ (Azure Service Bus), Azure Cache for Redis, Microservices (Java Spring Boot) (Azure Spring Apps) (.Net Core) (App Service), Windows Service (Azure Function), SQL Server 2016 (Azure SQL)

Customer Success Highlights

Updating business and legacy applications is a delicate process that requires a deep understanding of pain points and development expertise. Synoptek has experience with teams that work around the clock and have had many successes in the past. Powered by Microsoft's robust enterprise-level tools, application modernization can be achieved in a quicker and cheaper way.



The decision to go multi-tenant and actually sell the product was a big one, and I can say that we couldn't have done it without Synoptek. I am extremely grateful to the team for the way everything was done, especially their ability to see the things we possibly couldn't see. There were about a dozen things the team talked me out of; they would've cost me money and wouldn't have benefited the company, the team, or the products. I really appreciate that. It has been an interesting journey so far and I know there is much more.

- CEO of an HR Technology Solutions Company

Data Consolidation and Seamless Web-based Access for Legacy Business Applications for an Industrial Construction Company

- Rehosting organizations saved up to 30% on operational costs
- Modernizing outdated systems reduced operational cost by 13%
- Cloud migration helped save costs up to 20% and increased uptime

Case Management Application and E-filing solution

- 50% operational cost savings
- Reduced case e-filing time by 20%
- Improved application uptime by 15%

Modernizing Legacy Applications to Enhance End User Experience

- 95% Goodwills on ShopGoodwill
- 44% YoY Sales Growth (2021-2022) vs avg sales growth 20% YoY
- \$62 Average Order Value

ABOUT SYNOPTEK

Synoptek delivers accelerated business results through advisory-led, transformative full-life-cycle systems integration and managed services. We partner with organizations worldwide to help them navigate the ever-changing business and technology landscape, build solid foundations for their business, and achieve their business goals.