

Transform Your Aging Monoliths with AI and Automation

APPLICATION AND INFRASTRUCTURE MODERNIZATION



With the advent of AI and automation technologies, organizations now have the opportunity to transform their monolithic applications into scalable, efficient, and innovative solutions.

Our approach is transformative and can significantly improve your chances of success.

Why Conventional Modernization Approaches Fall Short



Modernizing complex monolithic applications

- SaaS
- Cloud-native
- RPA



80% of projects exceed budget and timeline

- May still need to reach completion
- While lifting & shifting to the cloud is a good start, it fails to leverage the full potential of cloud-native architectures that offer superior scalability, elasticity, agility, and engineering velocity.



Aging monoliths come with a range of limitations

- Limited scalability & elasticity
- Long release cycles, stalling innovation efforts
- Lengthy ramp-up time for new developers
- Compounding technical debt, growing costs
- Downtime, risk & security vulnerabilities
- Inability to take advantage of modern cloud services

Unlock the Power of AI & Automation to Modernize Your Applications

Opticca Consulting leverages AI and automation in application modernization to rapidly assess monolithic applications and transform them into microservices.

Our approach enables architects and developers to iteratively design and deploy transformational improvements to their architectures, breaking monoliths into microservices automatically.

Learn

Observe business flows and track application behaviour and dependencies to discover the logical domains inside the monolith.

Analyze

Using AI, dynamic + static analysis, and graph theory clustering algorithms to identify optimal business-domain microservices automatically.

Re-architect

Design services using an interactive UI design studio. Refine service boundaries, automatically refactor classes, and assign code to standard libraries.

Extract

Automate the extraction of microservice code and creation of restful APIs. Eliminate dead code and deploy efficient microservices.

Refactor

accelerate refactoring code by automating repetitive tasks, ensuring consistency, and reducing the potential for human error.

Scale

incrementally modernize your application portfolio with a factory model without risk.

Continuous Improvement

build a continuous modernization best practice, prevent future technical debt accumulation, and integrate with CI/CD.

Opportunity

Transform your aging monoliths into scalable, agile microservices with Opticca Consulting's AI and automation-based application modernization solution.



Modernization Assessment

This AI-driven assessment accurately identifies and prioritizes which apps to modernize, constructs an actionable roadmap for refactoring, and builds a compelling business case for modernization.

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Modernization PoC

This AI-driven PoC sets out to ensure the AI engine understands your application. Deliverables include a suggested services architecture and an estimate of the effort required to modernize the entire application.

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Learn more and accelerate your modernization journey today!

Get in touch to find out more about modernizing your applications using AI.

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