



MPHASIC JAVA APPLICATION MODERNIZATION – 3 WEEK WORKSHOP

Refactoring monolithic Java applications to microservices architecture



Modernizing Monoliths to Microservices

Many enterprises running monolithic applications face many business and technical challenges compared to those using microservices, Kubernetes, and cloud platforms. The complex nature of Java applications makes it even more difficult to take advantage of cloud-based benefits like scalability, elasticity, agility, and engineering velocity.



CHALLENGES

Understanding technical debt, complexity, & risk and transforming monolithic applications into a microservices architecture

IDEAL SOLUTION

Enabling large Java legacy portfolios to iteratively design and transform monolithic application architectures.

DESIRED OUTCOMES

- Microservices architecture blueprint
- Full project modernization plan-a way forward



Mphasis Java Application Modernization Workshop

Understand the technical debt, risk and complexity of large Java estates and provide a modernization roadmap to a microservices architecture.

1

Installation

Overview of the technology platform that accelerates Java application modernization. Understand and initiate platform installation requirements

2

Assessment

Drive static analysis to understand Java applications' tech debt, complexity, and risk metrics including usage of aging frameworks and top high debt classes

3

Analysis

Deep dive analysis of the monolith behavior and structure. Assess, prioritize, on modernization plan.

Mphasis Java Application Modernization Workshop

The Workshop leverages an AI powered modernization platform that simplifies and accelerates Java applications transformation into microservices on the Azure platform by 15x, so businesses take full advantage of cloud computing, and start using Azure's managed services, including Azure Functions, Azure Spring Cloud, and Azure Kubernetes Service (AKS).

Reducing Tech Debt

Technical debt assessment including usage of aging frameworks and top high debt classes

Accelerating Microservice Transformation

Our 3 approach, followed by refactoring, helps to accelerate and simplify the transformation monoliths to microservices

Achieving cost leadership

Refactoring provides reduced costs, increased engineering velocity, better scalability and reduced downtime for updates, increasing customer satisfaction.

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Learn more: [Mphasis Modernization Services](#)

