Mainframe Modernization Services

Continuous, Cost-Optimized Transformation

Across the business landscape, clients are facing tremendous cost pressure to continuously optimize their existing IT assets, even as they need to be agile to meet the demands of a rapidly changing market, reduce technical debt and increase productivity. Personalized experiences, newer business models, accelerated go-to-market strategies for products and services, swift scaling of operations and fail-proof business continuity are imperative for growth.

Enterprises face challenges executing their critical work on legacy, complex and monolithic Mainframe ecosystems that are expensive to maintain and face potential operational risks due to a severe shortage of skills. They look for modernization support to realize cost-effective transformation to agile, flexible and robust systems.

Mphasis' Mainframe Modernization Services offers sustainable, continuous transformations that apply the right tools, approaches, best practices, and intellectual property to extract and transition legacy capabilities and workloads and deliver the advantages of cloud-native architectures and modern platforms ecosystems. Our expertise accelerates enterprise modernization journeys by 55 percent in project delivery while slashing modernization costs by 40 percent.

A Multi-modal Modernization Approach

With proven experience in large scale application portfolio modernization and migration, we offer specialized IBM mainframe application modernization solutions, covering 'in place' modernization on the mainframe and 'exit' mainframe to cloud modernization.

We accelerate modernization journeys through phased approaches that ensure seamless application migrations.

- **Rearchitecting/Re-engineering** with Cloud-native architecture
- **Short-term migrations** through Mainframe emulation techniques
- **Medium-term migrations** with automated re-learning and model-driven architecture
- **Transformation of transaction processing paradigm** to suit AWS – immutable data, stateless functional programming, event storming
- **Enhanced digital experience** by integration of wrapped legacy with AWS
- **Re-platforming legacy mainframes to x-86 systems** on the Cloud

The Mphasis Value Proposition

We integrate domain-driven modernization capabilities, innovative "zero-cost" transformation models, automated acceleration, proprietary platforms and tools, and partnerships with hyper-scalers to deliver sustained business value and continuous innovation.

Through cloud-native microservices, disposable architecture ecosystems, and highly automated IT development and operations, we enable organizations to accelerate digital transformation with confidence.

Deconstruct legacy applications in self-funded increments - to optimize spend on modernization while continuously delivering real business benefits

Modernize applications and optimize maintenance costs and efforts to reduce total cost of ownership in modernizing application portfolio

Automate many aspects of the modernization

Extract legacy business logic into modeling software, which goes into domain-driven design for microservices

Recover knowledge that goes into automation frameworks to build end state ecosystem

Success Story

Enhanced Cost Savings with Microservices Architecture

A global financial services institution achieved significant cost savings and reliability of operations leveraging Mphasis' Springboot microservices-based integration platform on AWS. The integration of Salesforce and the client's settlement system provided near real time information to greatly enhance agent satisfaction.

- $ 30 Mn cost savings in 3 years
- Significant reduction in Middleware costs
- Savings of 20% CPU overhead by utilizing AWS EBS snapshots
- Data leverage using Hadoop and DynamoDB for Big data lakes
- Reduction in time to market

For more details,
please refer to Mphasis Modernization Services

aws
PARTNER
Premier Tier
Services

- DevOps Services Competency
- Security Services Competency
- Financial Services Competency

- Travel & Hospitality Services Competency
- Migration & Modernization Services Competency

About Mphasis

Mphasis' purpose is to be the *"Driver in the Driverless Car"* for Global Enterprises by applying next-generation design, architecture and engineering services, to deliver scalable and sustainable software and technology solutions. Customer centricity is foundational to Mphasis, and is reflected in the Mphasis' Front2Back™ Transformation approach. Front2Back™ uses the exponential power of cloud and cognitive to provide hyper-personalized ($C = X2C_{TM}^2 = 1$) digital experience to clients and their end customers. Mphasis' Service Transformation approach helps 'shrink the core' through the application of digital technologies across legacy environments within an enterprise, enabling businesses to stay ahead in a changing world. Mphasis' core reference architectures and tools, speed and innovation with domain expertise and specialization, combined with an integrated sustainability and purpose-led approach across its operations and solutions are key to building strong relationships with marquee clients. Click here to know more. (BSE: 526299; NSE: MPHASIS)

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