

Brochure

TECH
mahindra

Unlock the power of your mainframe: Modernize for a future-ready enterprise



IBM
Platinum Partner

Introduction

Mainframe systems remain the backbone of many critical business operations, storing vast amounts of sensitive data and powering core applications. However, the increasing complexity of IT environments, coupled with the need for greater agility and cost efficiency, is driving many organizations to modernize their mainframe infrastructure and applications. Businesses today are facing challenges such as an aging workforce, integration with modern technologies, security threats, and regulatory compliance, making mainframe modernization a critical imperative for future success. Tech Mahindra's comprehensive suite of mainframe modernization solutions helps businesses navigate these challenges and unlock the full potential of their mainframe. Our solutions leverage the latest IBM technologies and methodologies to deliver tangible business benefits, including improved agility, enhanced security, reduced costs, and greater scalability.

Helping Businesses Modernize their Mainframe Together with IBM

Tech Mahindra provides a holistic approach to mainframe modernization, encompassing application modernization, infrastructure optimization, data management, and AI-driven capabilities. We offer solutions across the entire mainframe lifecycle, from initial assessment and planning to implementation, ongoing support, and continuous improvement. Our expertise spans application refactoring and re-platforming, using tools like IBM Mono2Micro to transition monolithic applications to microservices and containerized environments. We also enable AI/ML capabilities on IBM Z to leverage data-driven insights to automate processes. Our tailored solutions using Watsonx products for Z support the end-to-end application development lifecycle with capabilities that include application discovery and analysis, code explanation, automated code refactoring, code optimization advice, COBOL to Java transformation, and validation. Building on the Watsonx platform's open and agile data repository enables customers to efficiently manage and access massive amounts of data for their AI initiatives.

Benefits of our Partnership



Enhanced Agility & Speed:

Achieve faster time-to-market for new features and innovations.



Improved Security & Compliance:

Strengthen security posture and meet evolving regulatory standards.



Reduced Costs & Optimized Operations:

Leverage cloud-native technologies to reduce operational expenditure.



Scalability & Flexibility:

Easily scale resources to meet dynamic business needs.



Improved Performance & Productivity:

Accelerate application performance and optimize resource utilization.



Talent & Skills Gap Resolution:

Address the shortage of skilled mainframe professionals.

The Tech Mahindra Advantage



Deep Mainframe Expertise:

1000+ person-years of experience in various modernization projects.



Comprehensive Service Portfolio:

MFaaS, MFlaaS, Mainframe Modernization, AI/ML, DevOps, Hybrid Cloud, and more.



Global Delivery Capabilities:

Expertise in serving clients across North America and Europe.



Strong IBM Partnerships:

Collaborating with leading partners like Ensono, TES, FNTS, and KMD.



Proven Track Record:

80+ clients successfully served through mainframe application enhancement, support, optimization, and modernization initiatives.



LCaaS and LMaaS Tools & Framework:

Tech Mahindra's tools are developed in-house for legacy code analysis and modernization.

Our Expertise at a Glance



Mainframe Application Modernization Services:

Re-architect legacy applications, leveraging microservices and API/SOA architectures for cloud integration.



Mainframe Infra Operations as a Service (MFlaaS):

Get expert support for all aspects of mainframe infrastructure operations.



AI and ML on IBM Mainframe:

Integrate AI/ML capabilities into mainframe applications to drive insights and automation.



Mainframe Optimization Services:

Implement the best practices to enhance performance and reduce MIPS consumption.



DevOps for Mainframes with CI/CD/CT:

Accelerate application delivery through agile development and continuous integration/deployment processes.



IBM zDIH Solution:

Seamlessly integrate your mainframe applications with hybrid cloud environments.



Hybrid Cloud (IBM Z & IBM Cloud):

Leverage a hybrid cloud strategy to combine the best of both worlds.



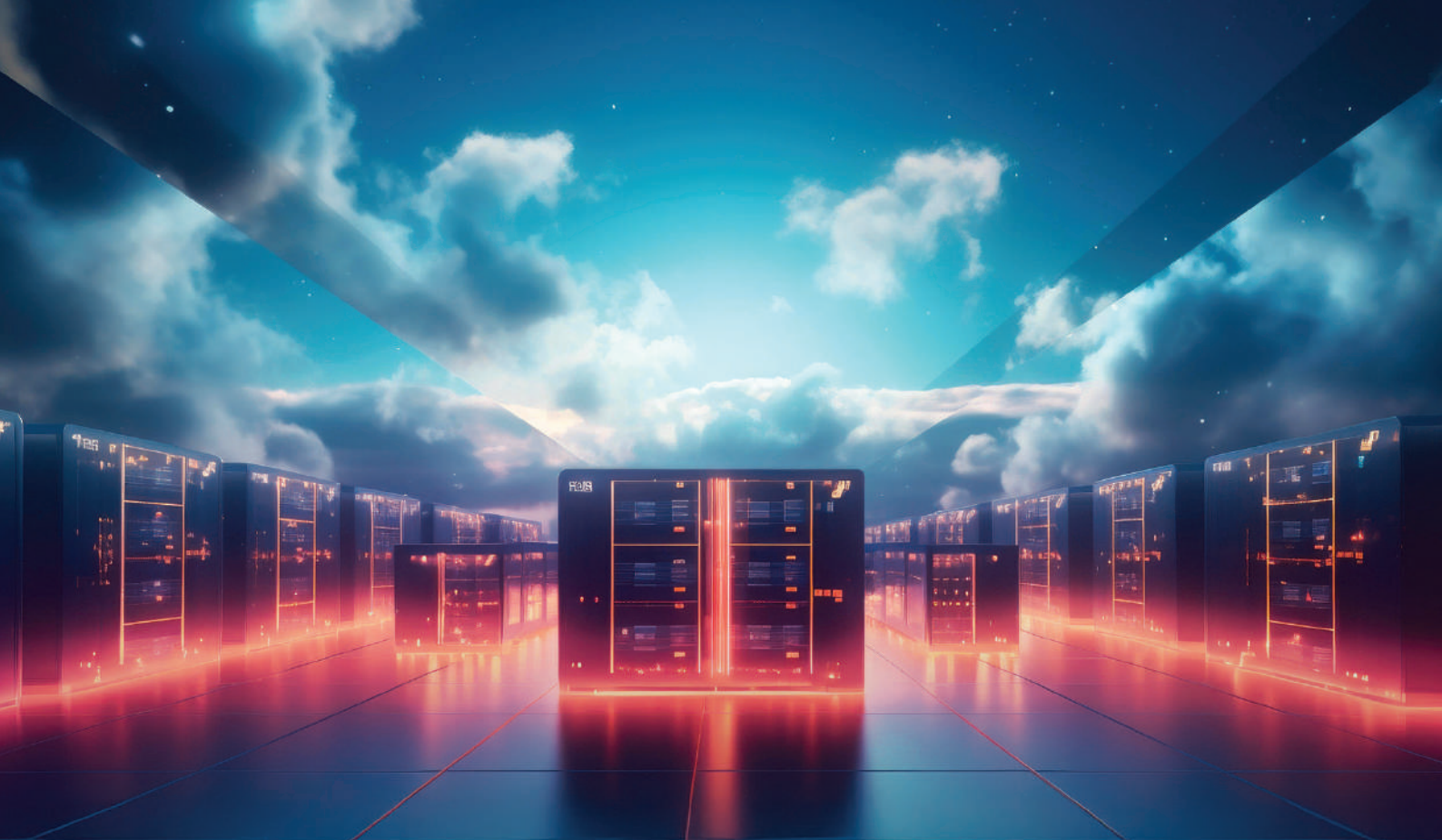
IBM Blockchain:

Leverage blockchain technology for enhanced security and transparency.



Mainframe as a Service (MFaaS):

Reduce costs and optimize operations through managed mainframe hosting.



From Legacy to Cutting-Edge

Modernizing your mainframe is no longer an option but a necessity for your organization's continued success and competitiveness. Tech Mahindra's deep expertise, comprehensive solutions, and strong partner ecosystem help you overcome the challenges of mainframe modernization and realize the full potential of your existing investments. With our tailored approach, you can reduce costs, enhance security, improve agility, and unlock new opportunities for growth and innovation. Partner with Tech Mahindra and embark on a seamless mainframe modernization journey.

Discover how Tech Mahindra can help you modernize your mainframe environment and achieve your business objectives. Contact us today to learn more and schedule a consultation:

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About Tech Mahindra

Tech Mahindra (NSE: TECHM) offers technology consulting and digital solutions to global enterprises across industries, enabling transformative scale at unparalleled speed. With 150,000+ professionals across 90+ countries helping 1100+ clients, Tech Mahindra provides a full spectrum of services including consulting, information technology, enterprise applications, business process services, engineering services, network services, customer experience & design, AI & analytics, and cloud & infrastructure services. It is the first Indian company in the world to have been awarded the Sustainable Markets Initiative's Terra Carta Seal, which recognises global companies that are actively leading the charge to create a climate and nature-positive future. Tech Mahindra is part of the Mahindra Group, founded in 1945, one of the largest and most admired multinational federation of companies. For more information on how TechM can partner with you to meet your Scale at Speed™ imperatives, please visit www.techmahindra.com