

HCLTech | Supercharging
Progress™

Ecosystem partnership tackling legacy modernization and data center

Transforming mission-critical IBM mainframe and power
systems for the future

IBM

Platinum Partner

HCLTech and IBM Consulting have signed a global Managed Infrastructure Services (MIS) agreement to offer a data center exit program.

Legacy systems often need high operational costs, a lack of skilled resources and limited scalability. HCLTech leverages its internal IPs, frameworks, accelerators and IBM's industry-leading technology to deliver secure, reliable, scalable solutions for your mission-critical workloads and data center exit programs.



Challenges

Mainframe and power systems continue to serve as the backbone for crucial operations, but unlocking their full potential in the modern digital age requires tackling these challenges:

High cost

Fixed costs and high licensing fees create significant financial barriers. These costs strain budgets and divert funds that could be allocated toward research, development and innovation. Such financial constraints force companies to prioritize cost-cutting over innovation, compromising the quality and efficiency of their products and services

Right expertise

Finding professionals with the expertise required to manage intricate migrations is daunting. Migrating to complex platforms demands a deep understanding of various systems, tools and processes. The scarcity of experts results in project delays, increased costs and potential operational inefficiencies

Hybrid Cloud Platform

Managing a complex hybrid cloud platform that extends to the mainframe and power systems. Ensuring seamless data integration, application portability and efficient resource allocation requires specialized tools and a deep understanding of both on-premises and cloud environments

ROI

Maximizing return on investment (ROI) from power and mainframe systems necessitates efficient utilization and strategic alignment with organizational objectives. Achieving optimal ROI means leveraging these systems into engines for innovation, efficiency and exceptional customer experiences

Pricing model

The absence of a flexible pay-as-you-go pricing model encompassing hardware, software licensing and operations constrains organizations' scalability and agility. Traditional pricing arrangements limit businesses' ability to adapt to fluctuating demand and technological advancements. Embracing a consumption-based pricing model promotes cost transparency, fosters financial predictability and enhances competitive positioning in the market



HCLTech-IBM solution

The joint solution leveraging HCLTech's expertise and IBM's data center migration framework unlocks the full potential of next-generation data centers at scale. The comprehensive solution modernizes IT operations, reduces costs, boosts performance, unlocks innovation and minimizes disruptions.

HCLTech's offering addresses the growing security and compliance concerns, steep learning curves for different cloud technologies, high costs and a need for more control across different cloud environments.

The partnership facilitates clients in accelerating digital transformation by integrating IBM hybrid cloud and AI technology with their enterprise HCLTech offerings. This allows clients to host their application workloads via managed services and deliver hybrid cloud benefits with comprehensive control and industry-leading security and compliance capabilities. The managed service further reduces costs through flexible pricing and availability of infrastructure, tools and operations on-demand.

HCLTech has extensive resources, experience and methodological approach in managing mainframe and power systems.

HCLTech's integrated mainframe and power systems practice:

700,000+ MIPS of mainframe capacity

1,000+ power systems LPARs

24x7 flexible dedicated and shared delivery models

A broad range of services and solutions like Mainframe as a Service (MFaaS), data center consolidation, performance optimization and modernization

29+ years of experience delivering successful mainframe and power systems solutions

IBM Consulting cloud migration services:



Industry expertise and proven methods for modernizing data centers



Data center migration framework for a comprehensive and systematic approach



Collaboration with leading partners like AWS, Azure and VMware

Mainframe: Use cases and HCLTech services



End-to-end mainframe and power systems operations

24/7 support for the entire infrastructure, including operating systems, storage, database and network



Data center consolidation and migration

Optimize data center footprint and reduce costs by migrating mainframes and power systems to a secure and a modern environment



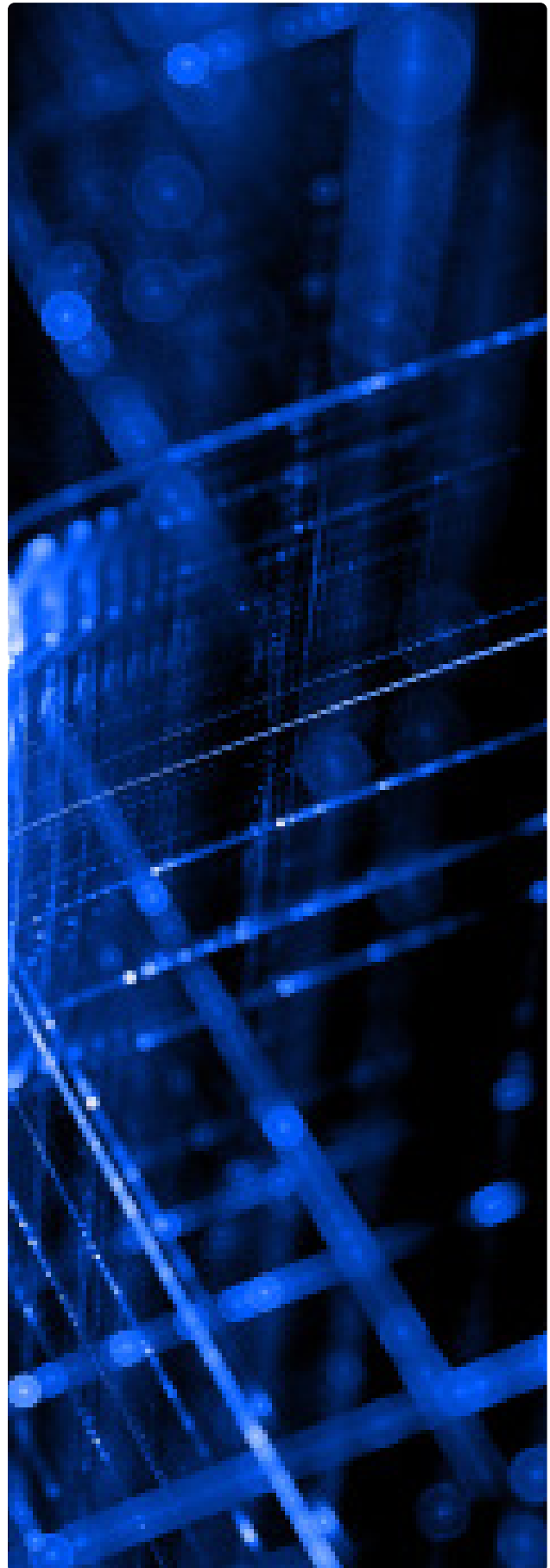
Performance optimization and modernization

Improve performance, extend the life of your existing systems and integrate with modern technologies



Mainframe as a Service (MFaaS)

Pay-per-MIPS model for hardware, software and operations in dedicated or shared environments



Power systems: Use cases and HCLTech services



End-to-end power systems operations

Take advantage of 24/7 dedicated and shared delivery models with certified system administrators tailored to complex and regulated environments



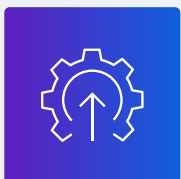
Lift-shift-pay as you go and workloads deployment to public cloud

Leverage HCLTech's multi-tenant power systems hosting with utility-based pricing and robust data segregation, comparable to private cloud solutions



Improving and transforming power systems operations

Ensure your environment is perfectly sized, flawlessly supported and delivers on every SLA while minimizing TCO with HCLTech's power systems consulting



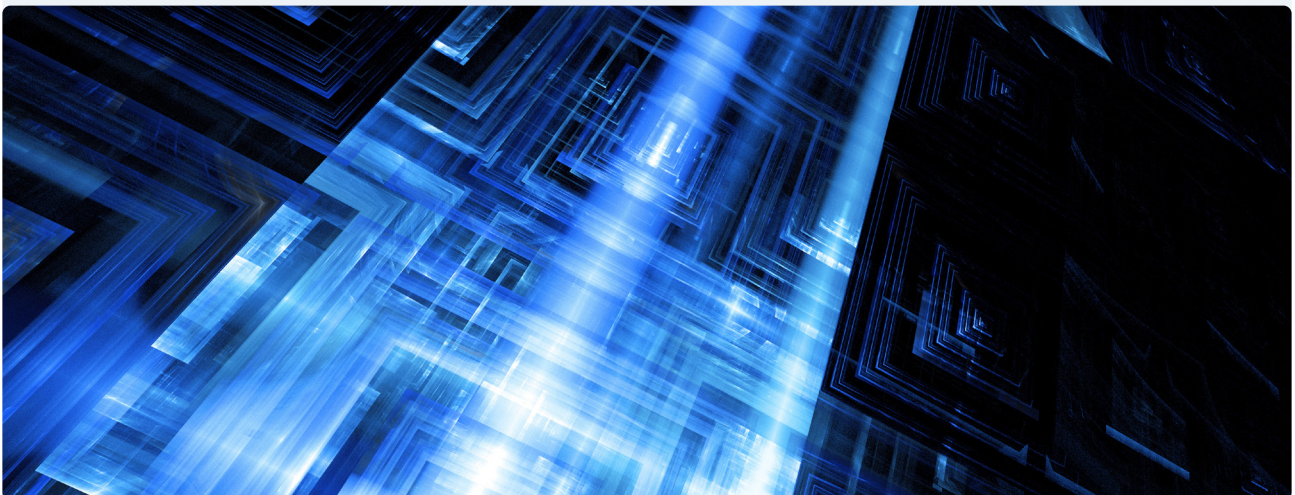
Increase performance and modernize existing power systems footprint

With Optimize-i, assess your current state, define your desired state and chart your migration path to achieve 30-40% TCO reduction through consolidation, optimized licensing and automation



Data center migration and consolidation

Collaborate with a skilled team experienced in executing extensive data center transformations, including hosting builds, hardware refreshes, server migrations, consolidations, new environment creation, HA implementations and backup technology upgrades



Why choose HCLTech and IBM for your mainframe and power systems journey

HCLTech and IBM focus on delivering operational excellence and specialized mainframe and power systems services by providing robust governance and continuous process improvement. The framework is supported by:



World-class data centers: Tier III and equivalent facilities ensure high availability and security for your critical systems



Strategic partnership: Partnership with IBM helps in optimizing software costs through global agreements



Shared delivery platform: The shared delivery platform boosts efficiency and cost savings



No keyhole approach: Flexibility to choose the software to run your business

Success stories

Power Systems

Customer	Use Cases on Scope	Infrastructure Support
Europe-based automobile Manufacturer	Pay-as-you-go model, server consolidation, end-to-end operation	80 LPARs Tech Refresh: Power 7/8 to power 10 server migration OS upgrade: V7R1/V7R2/V7R3 to V7R4/V7R5 Storage: DS8K upgraded to DS8950F, DR on storage-based replication Migration: Physical tape to virtual tapes, VTL tech Refresh: DSI upgraded to DSI500
Europe-based leading fleet management company	End-to-end operation	92 LPARs OS upgrade to V7R4, power 8 to power 10 migration, performance, tuning, LCM update, ansible implementation, IBM flash storage, implementation
Largest US-based healthcare provider	Data center migration, end-to-end operations	51 LPARs DC Migration. Refreshed from P6 to P8 servers. DR workload migration to HCLTech DC, NJ storage migration IBM V9K to FS9K VTL: DD to LaserValut/ Ruberik

Mainframe

Customer	Use Cases on Scope	Infrastructure Support
Global automotive group based out of Sweden	Mainframe as a Service, end-to-end operation and transformation	58,000+ MIPS , 52 LPARs, 300 CICS regions CAPEX to OPEX – Significant cost savings through standardization of services and platforms
Largest US-based healthcare provider	Mainframe end-to-end operation	161,000 MIPS capacity, 19 LPARs 25% reduction in overall mainframe operations cost in first 2 years with our global delivery model
Leading Canadian insurance provider	Mainframe as a Service, end-to-end operation	3,000+ MIPS capacity, 14 LPARs 30% reduction in overall mainframe operations cost with our global delivery model

Analyst recognition

- [Leader in Everest Group PEAK Matrix for Mainframe Service Providers 2022](#)
- [Leader in Mainframe Operations in the ISG Provider Lens™](#)
- [Mainframe Services and Solutions Repo~ for the US, 2021](#)
- [Leader in 2023 Gartner® Magic Quadrant™ for Data Center Outsourcing and Hybrid Infrastructure Managed Services, Worldwide](#)



About HCLTech

HCLTech is a global technology company, home to more than 221,000 people across 60 countries, delivering industry-leading capabilities centered around digital, engineering, cloud and AI, powered by a broad portfolio of technology services and products. We work with clients across all major verticals, providing industry solutions for Financial Services, Manufacturing, Life Sciences and Healthcare, Technology and Services, Telecom and Media, Retail and CPG and Public Services. Consolidated revenues as of 12 months ending September 2023 totaled \$12.9 billion. To learn how we can supercharge progress for you, visit hcltech.com.



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