

# SmartPaas Cloud native virtualization

Powered by Red Hat OpenShift



Enterprises are increasingly transitioning their applications to containers for more efficient and rapid large-scale deployment. However, many still maintain some of their legacy applications on Virtual Machines (VMs). Managing these applications across multiple platforms—both VMs and containers—complicates operations and support, resulting in increased costs, complexity, and hindering innovation. Additionally, traditional virtualization platforms often lack the agility and scalability needed for modern application development.

HCLTech SmartPaaS, powered by Red Hat OpenShift, provides a seamless bridge between traditional virtual machines (VMs) and modern containerized applications. Our end-to-end services offer comprehensive support, from assessment and planning to migration, management, and optimization. This enables organizations to modernize their infrastructure and navigate recent shifts in the virtualization landscape. By leveraging the capabilities of Red Hat OpenShift, HCLTech's automation accelerator ePACE, and the SmartPaaS migration factory, we help organizations become more agile, efficient and secure.



## Our approach

The combination of HCLTech SmartPaaS services and the Red Hat OpenShift platform provides a holistic approach to modernizing IT infrastructure. We offer expert guidance, migration assistance, and ongoing management to seamlessly integrate VMs into the Red Hat OpenShift platform. This approach empowers organizations of all sizes to accelerate their infrastructure modernization and sustainably grow their business while optimizing their total cost of ownership.

### Our services are tailored for organizations seeking to:

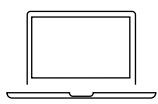
Modernize their infrastructure while preserving existing VM investments

Consolidate and optimize their IT environment

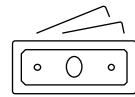
Accelerate application development and deployment

Enhance security and compliance

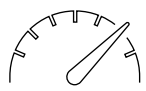
# Benefits and value proposition



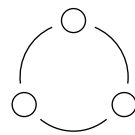
Unified management of VMs and containers



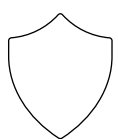
Up to 54% cost efficiency with OpenShift subscriptions and optimized resource utilization



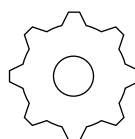
Increased agility and scalability with up to 90% faster platform deployments



Accelerated application development and deployment



Enhanced security and compliance



Reduced operational complexity

## Solution portfolio

### Advisory services:

- Infrastructure modernization strategy
- OpenShift Virtualization feasibility analysis
- Assessment of processes and workflows
- Identify training and enablement needs
- Application assessment for smart containerization



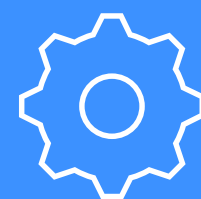
### Build and migrate services:

- Core platform build and hybrid cloud extension
- Ecosystem integration
- Identification and classification of migration candidates
- VM migration powered by Red Hat MTV
- Smart Containerization – A2C



### Modern Ops services:

- HCLTech CARE
- Observability
- Platform life-cycle automation
- Policy and change management
- Security and governance
- Capacity management
- Backup and restore



# Why HCLTech

- Global premier partner to Red Hat
- Extensive experience of datacenter migration and consolidation for 500+ large enterprises
- Flexible commercial models
- Focus on automation
- Well-defined and proven approaches and frameworks
- Innovation with Cloud Native Labs
- HCLTech IPs and Accelerators such as ePACE, KMP, CARE RI, SRE Academy etc. enable efficient and faster deployment



Want to know more about us? Contact us on [HCBU-PMG@hcltech.com](mailto:HCBU-PMG@hcltech.com)

# HCLTech | Supercharging Progress™

HCLTech is a global technology company, home to more than 218,000 people across 59 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 2024 totaled \$13.7 billion. To learn how we can supercharge progress for you, visit [hcltech.com](https://hcltech.com).

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