



Cloud engineering

Accelerate to
cloud with HCL



Cloud engineering services that guide, support, and fast-track successful transitions to software and cloud-based offerings



Best-in-class technologies across CloudOps and related services to amplify operational efficiencies and continuous innovations



Industry-proven best practices and key use cases across sectors, powered by in-house accelerators, reference architectures, and partnerships

Cloud engineering for **GROWTH**

The new normal calls for accelerating every organization's cloud-adoption and modernization journey to overcome the challenges posed by new ways of developing and delivering services. HCL's cloud engineering offering addresses the challenges and end-to-end needs of such organizations by leveraging the power of **HCL cloud services** and next-generation architectures, accelerators, and tools to create a differentiated user experience for their employees, customers, and ecosystem participants.

Our unique approach enables enterprises to fast-track their transformation and modernization journey to cloud, maintain an up-to-date and scalable platform in a simple and efficient manner with highly automated and industrialized cloud operations and perform a plethora of other related actions, thus ensuring a hassle-free transition to **Cloud**.

Cloud engineering **DONE RIGHT**



Consulting services

Cloud readiness assessment and architecture consultancy

Platforms/ technology selection

Cloud native application and deployment blueprint



Transformation services

Microservices development

Serverless platform Dev.

Workload modernization

Containerization

Cloud Infra. design and deploy (IaC Automation)

SaaS enablement



Cloud Ops

SRE Ops

AIOps

Cloud FinOps

Security Ops

Customer support



Customer onboarding

Discovery and assessment

Prototyping

Platform deployment and onboarding

Data migration

Support operations and change management

Training and consultancy

ENABLING SERVICES	DEVSECOPS	Verification and Validation	UI/UX engineering
	AI and analytics	Cyber security	Data engineering

ACCELERATORS to achieve cloud transformation

Our cloud engineering accelerators, built with deep expertise and experience, are tailor-made to help customers leverage the power of **Cloud**.

- **CB Analyzer-** Analyze and decode monolith and recommend microservices
- **CB MODular-** Automate modularization and containerization
- **CB Migrate-** Migrate factory tool that includes cloud/ container readiness report for rapid migration
- **CB ACE Micro-** Cloud-friendly and agile-friendly container-based microservices development
- **CB iStudio-** Comprehensive IaC platform to enable adaptive infrastructure provisioning across multi-cloud
- **CB Cloud Works-** Accelerates the development and management of an application on Kubernetes cluster across any cloud

Cloud engineering **EXPERTISE** you can count on



HCL helped a leading global provider of broadband communication access systems and software in the migration and consolidation of current monolithic platforms to a single cloud-native platform built on telemetry and a microservices architecture.

Key value delivered:

- Reduced customer onboarding time by 80% and churn by 35%
- Reduced cloud infra provisioning from 5 days to just 1 day
- Enabled scaling of platform and handling of 20TB data per day



HCL built a low code cloud performance platform for a global semiconductor chip manufacturer. This platform enables users to build on-the-fly deployment topology and evaluate the performance of any given workload on cloud. It also provides recommendations on suitable configuration and instance types based on required load parameters.

Key value delivered:

- Design and architecture of entire platform for cloud performance analysis
- Drag and drop of infrastructure components, download infrastructure as a code to be deployed into any cloud
- Adjustable TPS and recommendations on configurations and instance types



HCL improved value through tools transformation for a leading American media platform company, helping them in scaling up productivity, quicker monitoring, alert optimization and reorganization.

Key value delivered:

- Scaled up productivity to address a 46% increase in actual incoming incidents
- Helped to monitor about 9K devices and over 250k parameters through Zabbix Consolidation
- Migration of all networks to Solar Winds instance, enabling the monitoring of 500 devices and 15k+ elements

Our key **PARTNERSHIPS**



**Premier Consulting
Partner and MSP**



**Gold Partnership
and MSP**



**Premier
Partner**



**Premier Global
System Integrator**

Why **CHOOSE HCL** cloud engineering services?

Hcl is recognized as a leader in cloud engineering

- ✓ Leader in Gartner Magic Quadrant for Public Cloud IT Transformation Services, 2021
- ✓ Leader and #2 service provider in Everest Group System Integrator (SI) capabilities on Microsoft Azure, GCP, AWS Services PEAK Matrix Assessment, 2021
- ✓ Leader in Avasant RadarView on Hybrid Enterprise Cloud Services, 2020 -2021
- ✓ Leader and only Indian heritage service provider in ISG Provider Lens for Cloud Native – Container Services – Managed Service Mesh, USA 2020
- ✓ Outperformed peers in the Forrester Wave on Multicloud Managed Services, Q4 2020

Differentiators



Global footprint

40+ years of engineering R&D product development experience; 1500+ patents filed; 300+ trained practitioners with 90+ on various cloud platforms and CloudOps



Strategic relationships

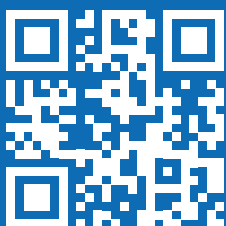
Public cloud Providers (GCP, AWS, Azure, IBM), platform providers (PTC, Siemens, Cloudera), Fortune 500 customers across multiple Geos



Comprehensive expertise

Single-stop partner for expertise across various digital capabilities (Cloud, DevSecOps, etc.) and technologies (Containerization, Cloud /IoT Platforms, Microservices Development etc.)

HCL



www.hcltech.com

HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on December 31, 2021, HCL has a consolidated revenue of US\$ 11.18 billion and its 197,777 ideapreneurs operate out of 52 countries. For more information, visit www.hcltech.com