HCLTech | Supercharging Progress™

Forging the future

Powered by cloud, inspired by growth

CloudSMART

Enabling transformation with HCLTech AWS ecosystem unit

Driving customer-centric transformations

13+ Years partnership

260+ Global customers

22K+ Trained resources

Premier consulting partner

Managed services partner

Independent software vendor

Competency

- Migration
- Mainframe Modernization
- SAP
- Storage
- Networking
- Generative AI Services
- Automotive Services

- DevOps
- CloudOps
- Automotive
- Level 1 MSSP
- Manufacturing and Industrial
- Financial Services

Service delivery partner

- Amazon Connect
- Amazon Redshift
- AWS IoT Core
- Amazon EMR
- Amazon RDS
- AWS Control Tower
- AWS CloudFormation
- Amazon EKS

- AWS EC2 for Windows
- AWS MSK
- AWS DMS
- AWS Lambda
- AWS WAF
- Amazon DynamoDB
- AWS Glue
- Amazon CloudFront

Launch partner with AWS

- VMC on AWS
- Outposts
- AWS CCI

- Mainframe Modernization Service
- ECS (A) and EKS (A)

Validated solutions on AWS

- IATM
- DeCODE
- Advantage Code

- 1PLMCloud
- BigFix
- HWA

Rated leaders by analysts

Everest Group® PEAK MATRIX™

AVASANT

Gartner

FORRESTER

HFS

iSG Provider Lens

12 AWS competencies

8 Partner programs

16 AWS service validations

200+ AWS customer launches

25 Practices

"

I am delighted to see HCLTech continuing to create a strong impact on our customers' digital transformation journey through strong innovation in cloud-enabled services and industry-leading IP. We are progressing well with HCLTech's AWS business unit on long-term enterprise transformations with customers. At AWS, we are focused on creating industry-focused solutions to address customers' most important business problems and are working with HCLTech to build these solutions. Given that less than 15 percent of customers' workloads have migrated to the cloud overall, we believe there are still so many opportunities for AWS and our partners - it is still Day One."

Chris Niederman

Managing Director,
Global Systems Integrators
(WW Sales and Partner Teams), AWS

What makes HCLTech an ideal partner for AWS cloud adoption?

Training and **certifications**	**Tailored offerings as per business needs**	Flexible contract **and support plans**	Single touchpoint
HCLTech proudly maintains a distinguished and certified talent pool, proficient in AWS cloud solutions, guaranteeing the perfect execution of AWS cloud deals for our esteemed clients.	HCLTech offers professional advantages for cost savings, resource optimization to prevent spoilage and proactive assistance in AWS account provisioning and governance, ensuring compliance and efficiency. With HCLTech, your AWS operations are in capable hands.	HCLTech's role as a single partner for contracting in AWS-related deals simplifies the process, reduces complexity and optimizes terms, ensuring cost-efficiency and risk mitigation for our customers.	• A single point of contact and billing for Managed Services and AWS Services. • Familiarity with customers' accounts: HCLTech's EOPS can manage 24x7x365 and have access to a comprehensive history of account and governance policies.

AWS competencies

AWS Competency Program validates HCLTech as a partner with demonstrated AWS technical expertise that are measured against a high bar to achieve any AWS Competency designation. Based on our specialized capabilities across industries, use cases and workloads, we have achieved multiple competencies and are a premier consulting AWS partner. AWS awards the competency after a rigorous third-party audit.

aws PARTNER Automotive Services Competency	aws PARTNER DevOps Services Competency	aws PARTNER Migration Services Competency	aws PARTNER Networking Consulting Competency	aws PARTNER Storage Services Competency
aws PARTNER Cloud Operations Services Competency	aws PARTNER Mainframe Modernization Services	aws PARTNER L1 MSSP Services Competency	aws PARTNER SAP Services Competency	aws PARTNER Manufacturing and Industrial Services

AWS service delivery partner

AWS Service Delivery Program (SDP) recognizes and validates HCLTech as a partner with deep technical knowledge, experience and proven success in delivering specific AWS services to customers. Each service delivery partner recognition is attained after a rigorous internal audit by AWS subject matter experts.

aws PARTNER Amazon Connect Delivery	aws PARTNER Amazon EMR Delivery	aws PARTNER AWS IoT Core Delivery	aws PARTNER AWS Control Tower Delivery	aws PARTNER AWS Database Migration Service Delivery
aws PARTNER Amazon DynamoDB Delivery	aws PARTNER AWS Lambda Delivery	aws PARTNER Amazon MSK Delivery	aws PARTNER Amazon RDS Delivery	aws PARTNER Amazon Redshift Delivery
aws PARTNER AWS WAF Delivery	aws PARTNER Amazon EC2 for Windows Server Delivery	aws PARTNER AWS CloudFormation Delivery		

HCLTech marquee solutions

Generative AI solutions

Generative AI has been evolving at a significant pace and has the potential to transform enterprises across a broad spectrum of activities. This includes enhancing customer experience, increasing knowledge worker productivity, generating content, personalization and much more.

HCLTech's GenAI offerings are driven based on a holistic approach across industry verticals enterprise functions with an innovation mindset fully nurtured by a responsible and ethical AI framework ensures privacy, protects intellectual property rights, promotes fairness and evaluates factual accuracy.

01

SAP GenAI

SAP Conversational AI has been set to maintenance mode. HCLTech and AWS have developed a well-defined tool-based approach to migrate existing SAP CAI customers to GenAI powered chatbot leveraging Amazon Bedrock.

02

DynaLLMOps

Extension of MLOps platform into an LLMOps framework leveraging the best of breed technologies providing rich features like automated CI/CD/CT, model registry, feature store, source control, Ops pipeline orchestrator underpinned by trustworthy evaluation.

03

Gen AI Case Intelligence

This solution automates adverse event intake from various channels like email, call transcripts, handwritten forms etc. Streamlining case intake enhances pharmacovigilance, ensuring critical details are captured efficiently from patient reports across communication channels.

CloudSMART for AWS

A portfolio of strategic industry-focused cloud offerings designed to enable businesses to pivot from their current cloud state to the modern cloud, making digital enterprises future ready. CloudSMART for AWS, Continuous Modernization Experience, focuses on driving business outcomes, including accelerating innovation, operational excellence and optimal agility at scale on the cloud.

Customer experience and engagement solutions

HCLTech brings deep expertise in redefining customer journeys, enabling self-service and enhancing and streamlining agent interactions. HCLTech has released product-based offerings over Amazon Connect and AWS CCI solutions specific to industry verticals, such as the Ziva Intelligent Assistant for financial services zero-code and future-proof plug-and-play model. HCLTech is well-positioned to drive your transformation roadmap in the AWS customer experience stack, with end-to-end solution offerings across the contact center portfolio. We offer complete lifecycle services from consulting, implementation and managed services.

Engineering

HCLTech's Engineering services span the entire spectrum of digital engineering solutions across new product development, network engineering, collaboration services, software product engineering, data engineering, connected experiences and platform-as-a-service.

xLMCloud

HCLTech's xLMCloud helps enterprises transform their Engineering R&D, IT Infrastructure into an agile, scalable, secure and high-performance environment on Cloud.

CARE

Our Connected Assets in Regulated Environment (CARE) is a Micro-services architecture featuring multi-tenant platform that helps in building a regulated medical class software within a significant reduced time. The CARE platform offers essential building blocks to expedite the development of next-generation software and services.

Cloud Bridge

With HCLTech Cloud Bridge suite, enterprises can accelerate their journey to the cloud and efficiently manage their on-premise assets. The user journeys powered by Cloud Bridge include optimizing existing products or services, refactoring to take advantage of cloud services or becoming cloud-native. Cloud Bridge suite solves complex problems with an end-to-end unified approach.

DRIVE

SDaaK: HCLTech's Smak Device as a Key (SDaaK) is cutting edge solution that enables a smart device to function as a digital key. Leveraging advanced technologies such as NFC (Near-Field Communication), BLE (Bluetooth Low Energy) and UWB (Ultra-wide Band) this solution offers features like time-based/user-based access, welcome controls, hyper-personalization and much more to deliver a secure and highly personalized experience.

Smart Fleet Management: HCLTech Smart Fleet Management enables easy access and integration of data from vehicles, ecosystems and enterprise IT systems to provide advanced intelligence, connected vehicles use cases and generate actionable insights for monetization oppurtunities. This solution enables comprehensive connectivity, resiliency, robustness and enhanced security by leveraging the power of the cloud to deliver connected fleet-specific business services. It helps organizations and paners in reducing time-to-market and provides fleet managers with advanced tools for efficient operation and streamlining maintenance programs. Mixed (ICE and EV) fleet tracking and vehicle management Logistics Management and goods condition monitoring Autonomous Vehicle management Airport ground fleet.

M360

M360 by HCLTech is a comprehensive manufacturing solutions suite hosted on AWS Cloud. Our solution offers end-to-end visibility into smart manufacturing operations. The suite provides production effectiveness measurement and analysis to drive operational excellence by utilizing KPIs as business metrics to uncover new growth opportunities and enhance profitability.

XTERN MetaTwin

The end-to-end **Industrial Metaverse offering** from HCLTech will help enterprises overcome these challenges and seamlessly guide them into the world of industrial metaverse. Our in-depth domain expertise, engineering DNA, transformative solution accelerators and state-of-the art labs are designed for empowering.

DynaMLOPS

To build an Ops framework for LLM models, HCLTech experimented with several open-source tools and techniques along with the AWS Ops framework. AWS platform provides different tools across the development lifecycle of LLMs. To manage data, we leverage the FEAST feature store, which makes the store makes features available for training and serving through online and offline features. We have also used an AWS S3 bucket to store training data and artifacts. To log inputs, hyperparameters, artifacts, we have used MLFLOW, which can be helpful tracking multiple experiments.

AION

AION is an AI lifecycle management platform for applying machine learning to real-world problems. AION encompasses the complete pipeline from raw dataset ingestion to a deployable machine learning model with a low-code/no-code approach.

Digital Foundation

To keep pace with the change, a robust foundation of infrastructure and operations is critical. HCLTech's Digital Foundation services lay the bedrock of this digital transformation journey. Our Digital Foundation services empower customers to achieve resiliency, transformative growth and maximize efficiency.

Cybersecurity

01

AWS Infrastructure Vulnerability Management

The Vulnerability Management for Enterprise Security or VERITY framework, is an all-encompassing and transformative solution for enterprise-wide vulnerability detection and management. New Amazon EC2 instances or Amazon VPCs are automatically detected by it for the vulnerability scans.

02

Managed Detection and Response for AWS

The HCLTech Managed Detection and Response for AWS helps customers assess and enrich security findings in a customer's AWS environment. It provides additional context and actionable information to help customers reduce instances of false positives and respond effectively to incidents.

03

Managed Detection and Response for AWS Endpoints

HCLTech's Managed Detection and Response Service for AWS Endpoints (MEDR) protects all EC2 instances with the help of anti-malware and IPS capabilities. It provides continuous visibility of workloads deployed across the AWS Platform, the automatic discovery of software services on workloads, automatic identification of workload security postures and real-time visibility into infrastructure changes.

Hybrid cloud

01

VelocITy

HCLTech VelocITy is an integrated hybrid cloud offering that helps enterprises to extend their on-premises environment to the public cloud. It delivers extensively tested, software-driven data center-level blueprints for successful hybrid cloud deployments leveraging AWS. This caters to operational consistency and efficiency.

02

OneClick

OneClick by HCLTech is a self-service platform for application teams to spin-up composable Kubernetes environments and associated cloud services in a secure, standardized and reliable manner.

03

ePACE (extensible Platform Automation and Configuration Engine)

ePACE is an extensible Platform Automation and Configuration Engine from HCLTech to simplify the entire life cycle of the platform using Amazon EKS Blueprints. It delivers production grade Amazon EKS platform integrated with essential building blocks including application and platform observability, security and governance, backups, DR, container registry and cost management. The solution delivers fully automated and composable AWS EKS platform life-cycle management resulting in 80% faster provisioning, 2x faster application onboarding and 30% cost savings with modern operations.

FinOps

HCLTech's FinOps portfolio is designed to offer guidance on best practices, consultative reviews for cost optimization, instance right-sizing based on consumption trends, reserved instance recommendations and more.

MyXalytics

DRYiCE MyXalytics, a unified reporting and dashboarding product provides a simplified bird's eye view of operations by converting data from multiple enterprise tools into intuitive and insightful reports.

IoT WoRKS™

The Internet of Things (IoT) ecosystem aims to help enterprises on their transformation journey to Industry NeXT through an asset value chain comprising the connection of things, data, processes and people.

HCLTech's IoT solution categories cater to the unique needs of connected users, connected products, connected infrastructure and connected operations that we call FAST – Force, Asset, Site and Transform.

01

IATM

Intelligent Asset Tracking and Management (IATM) is an integrated Track and Trace solution that harnesses the power of IoT for managing assets throughout the asset life cycle. This improves the operational efficiency and productivity of asset management operations across verticals and eliminates potential losses incurred due to lack of inventory visibility and traceability of assets.

02

DECoDE

The Dynamic Ecosystem of Connected Devices (DECoDE) by IoT WoRKS™ is a device management solution to manage, monitor, configure and troubleshoot IoT devices remotely from a consolidated dashboard. With DECoDe's quick onboarding and device templating capabilities, the solution can be deployed in a multi-vendor and heterogeneous device environment to introduce a standardized and unified workflow that manages thousands of connected devices.

03

NIO

The Net Zero Intelligent Operations (NIO) solution enables clients to monitor, assess and reduce enterprise energy consumption and carbon emissions through its unique inter-comparability and normalization approach across multiple equipments, processes and facilities. It delivers a set of functionalities to optimize energy consumption in a manufacturing environment at the enterprise level. NIO can help organizations reduce associated carbon emissions contributing to its net-zero goals.

Digital Business

HCLTech's Digital Business Services help design and build key platform components of customers' Digital-Technology-Footprint™ to power their digital transformation journey. Digital business architecture, technology platforms and data innovation make business transformation a reality. HCLTech's Digital Business Services brings its entire gamut of expertise – from consulting to implementation – to ensure that digital journeys can enable an end-to-end IT transformation.

01

ADvantage Analytics

HCLTech ADvantage Analytics is built to reduce the lead time to generate insights with enhanced customer experience while keeping the solution agility and lower cost of ownership with the usage of Amazon data services.

02

ADvantage Code

ADvantage-Code is HCLTech's approach to improving productivity in cloud-native application development. By leveraging the ADC framework, developers can perform model-driven code generation and enable DevOps and deployment onto the cloud. It makes life easier for developers by bootstrapping their project code and significantly reduces the development cycle.

03

ATMA

Automated Technology Modernization Accelerator (ATMA) helps to accelerate the modernization of your mainframe applications to modern architecture and platforms. ATMA supports the modernization of multiple legacy technologies like Cobol, Natural, Visual Basic, Classic ASP, VB.Net, JCL, ASP .Net and Accent/R, to name a few.

04

Metafinity

This is a platform to create the next frontier of immersive experiences for enterprises. It is built on top of HCLTech's proven XRStudio solution - a repository of verticalized solutions, pre-built algorithms, look-alike avatars, MMO, meta-analytics and integrations with standardized enterprise platforms. Empowered with inherent agility in adapting and paving the way for the next digital transformation, Metafinity carries the capability to develop industry metaverse solutions rapidly.

05

VITA

Virtual Intelligent Test Assistant (VITA), is a game-changing AI-augmented test platform designed to enhance every facet of testing lifecycle. It is a composition of various engines that provides test automation capabilities.

06

OBOL

The OBOL tokenization framework is a no-code solution focused on enterprises and business users. It provides the asset owners with a framework to convert their assets into multiple tokens and trade them to achieve liquidity. The blockchain-based solution offers greater connectivity/accessibility through the transactional efficiencies offered by decentralized infrastructures. It efficiently connects market participants with marketplace assets and enables the direct transactions and exchange of asset ownership.

07

Data Patrol

HCLTech's DataPatrol Framework leverages native AWS services to provide end-to-end automation right from scanning the sensitive data at the point of ingestion to dashboarding key insights for business consumption. This ML-powered framework can seamlessly detect several identified and custom sensitive data types catering to any industry, supporting PII protection and strictly adhering to data privacy, compliance and regulatory needs such as GDPR, PCI-DSS and HIPAA.

08

Advantage Cloud

ADvantage Code is our way of bringing productivity in application development by adding automation in the development process. Specifically, an approach to platform-based development, how to build an ecosystem that is vendor-agnostic, multi-target supported and future-proof. ADC enables this platform for developers using which they could do the code-generation using models and then enable DevOps for the same. This enables an initial boost to the developer and a significant reduction in the development cycle.

09

App 360

Application360 (App360) is a way of bringing fragmented processes and tooling in various aspects of SDLC within Agile, DevOps and Cloud adoption initiatives to drive data-driven decisions-and help enterprises align strategy with execution. Application 360 brings Engineering processes and Program management under an integrated dashboard providing fully traceability from portfolio-level EPICs to development-level tasks, giving all stakeholders contextual information they need to connect the dots. It provides 360-degree view to key stakeholders and helps foresee various risks to ensure timely mitigation. It also reduces the development effort and aids in improving productivity and quality aspects of people and processes.

SAP on AWS

CloudSMART for SAP extends a full stack offering to accelerate the SAP transformation journey on AWS. It maximizes business value by helping adopt the cloud at scale while reducing the project's estimated timeline and cost.

Mosaic

Mosaic leveraging SAP Business Transformation Platform (BTP) and AWS native services, supports customers to migrate to SAP S/4HANA by evaluating the current system consumption and licenses and then will further systematically track, evaluate and manage the software licenses, compliance and optimization including system consumption for the RISE with SAP customers.

AuqaSphere

AquaSphere is a real-time water monitoring system that helps organizations improve their water sustainability practices by tracking and analyzing Green Water usage. AquaSphere is unique solution backed by intelligent devices, the SAP Blockchain Business Connector and the SAP DataSphere that enables a network of organizations to digitize and automate their water conservation practices in a compliant way. With its advanced metrics, AquaSphere empowers businesses to make informed decisions and reduce their water footprint and help them achieve their water sustainability goals.

Successful cloud journeys

Revolutionizing software testing for a leading bank by applying GenAI

- The client is one of the largest banks in Australia and New Zealand, with a significant presence in the Asia-Pacific region.

- The company offers various financial services, including retail banking, commercial banking, institutional banking, wealth management and insurance.

- The case study endeavors to provide insights into the practical implementation of generative AI for API testing, showcasing its efficacy in generating test plans and cases that seamlessly align with the OpenAPI standards.

Digital transformation for rail service operator elevates passenger experience

- Our client operates a suburban passenger rail network across major Australian cities, comprising a hybrid urban–suburban system spanning over 813 km of track and 170 stations across eight lines.

- The organization embarked on a path toward modernization and innovation by deploying a secure and scalable cloud solution anchored on security-first design principles.

- Implemented automated provisioning of infrastructure and software components using infrastructure-as-code frameworks.

Migrated legacy contact center to Amazon Connect to improve employee experiences

- HCLTech addressed diverse challenges for a renowned New Zealand-based dairy cooperative exporting to over 130 countries.

- This case study illustrates our handling of scaling during COVID-19, enhancing disaster recovery and migrating to a modern platform.

- HCLTech's Global IT team evaluated improvement opportunities with the existing Avaya platform and proposed instead to migrate to Amazon Connect.

- Amazon Connect's robust analytics and seamless transitions improved overall service delivery.

Improved operational efficiency by developing a digital business platform on AWS

Enhanced IT separation for a top fleet management firm to streamline operations

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- Amidst a vast network spanning 150 countries, 500 sites and 16,000+ employees, our client — an Australia-headquartered transportation and logistics giant — faced the daunting task of streamlining its operations and data management.

- Establish a centralized repository for customer information to ensure consistency across business units Standardize user interfaces and databases to streamline route and pricing decision processes.

- Simplify data integration processes into Hadoop for improved efficiency and data management.

- HCLTech deployed a comprehensive solution leveraging various AWS components to replicate infrastructure, enable seamless data transmission, facilitate communication and ensure scalability to address evolving requirements.

- Strategically replicated infrastructure for both entities using AWS components like Kinesis, Apache Storm, Elastic Search, EMR, Lambda and ECS.

- The track and trace solution utilized a Lambda, Apache Storm and EMR combination to enable seamless data transmission to third-party systems via FTP through web browsers.

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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.