HCLTech | Supercharging Progress™

ERS **Telecom Engineering services**

Supercharging 5G and beyond

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At HCLTech, we leverage 30+ years of our domain experience and in-depth awareness of technology trends to take on the industry challenges around infrastructure, testing, traffic management, security, capital expenditure and regulations. Our industry-leading solutions and accelerators enable our clients in faster time-to-rollout and lowering their Capex and Opex on technologies. We are the most preferred and trusted innovation partner to leading telecom service providers and original equipment manufacturers. We are the most preferred and trusted innovation partner to leading Telecom Service Providers (TSP), Original Equipment Manufacturers (OEM) and Independent Software Vendors (ISV).

With a diverse technology portfolio including edge, RAN, transport, 4G/5G core, analytics, IoT, cloud, and security, we work with the top 10 telecom vendors and top 7 telecom operators generating a total mutual value of more than $50 billion. To meet fast-paced technology demands in the 5G ecosystem of the future, we have also invested significantly in training and lab infrastructure for IP development and provided with resources focused on enhancing the 5G portfolio of our partners and telecom operators.

Our state-of-the-art 5G Lab offers a complete portfolio of 5G engineering services and capabilities to create solutions in collaboration with more than 30 partners and telecom operators. We have a migrate-modernize-monetize (3M) strategy to accelerate 5G transformation by balancing challenges and trends, enabling us in translating them into opportunities.

Telecom highlights

We are the innovation partner to leading telecom service providers and original equipment manufacturers. Engineering and R&D Services being our core focus, we help telecom service providers with faster time-to-rollout while reducing the cost to maintain their network infrastructure. We also work with original equipment manufacturers in telecom to reduce time-to-market and R&D investments.

$60M+ investments in labs for customers across geographies such as 5G Lab, ORAN Lab, IoT Lab, SDN.NFV Lab, Industry 4.0 Lab etc.

30+ years of expertise in telecom sector providing services across diversified technologies

Dedicated technology CoEs enabling services in 5G, IoT, telco cloud, professional services, device engineering, network service assurance and analytics, network testing, lab management, softwarization and more

High customer satisfaction score with 20% growth YoY

Partnering with 6/9 telecom OEM and server storage enterprises

Preferred partner of 50+ telecom customers, top 7 Fortune 500 CSPs, 6 out of top 7 OEMs, top 4 handset manufacturers and top 3 VAS solution providers

Established quality framework with adherence to TL9K, ISO 9001:2000 standards

Creating the technologies of tomorrow

Digital Transformation

Mobility services comprising user experience, application design, development and testing, along with innovation platform enablement

5G ORAN and Private Networks

Highly differentiated offerings and solutions in Core Network, RAN, and Management and Applications

Network Transformation

Simplifying and converging TDM to next-generation IT networks

Network Testing and Automation

Inter-op testing experience with other OEMs and telcos across 2G/3G/LTE network elements

Network Maintenance and Operations

Multi-vendor maintenance services to reduce maintenance contract spends

Telco Cloud and Softwarization

TSP-focused performance benchmarking and certification, service orchestration platform customization and OpenStack integration

Devices-Handset and customer premises equipment (CPE)

End-to-end product design, development and systems integration and commercialization

Data AI

New product development, embedded software design, smart device enablement, connectivity, contactless technologies, IoT device management

Our 5G solutions

Turbo 5G

An intelligent master orchestrator for testing and validation of IoT devices and network functions, bringing in significant value through reduced test cycle time, faster time-to-market and significant cost savings. Its test automation approach reduces TCO across CSP, OEM, enterprise and Cloud Service Providers.

HCLTech 5G System Integration Framework

The framework has a host of solution accelerators hosting framework for network function onboarding, testing and validation, network abstraction, network slice management and network service assurance and analytics. These enable system integration of disaggregated and distributed network functions and AI/ML-based assurance solution for network operations.
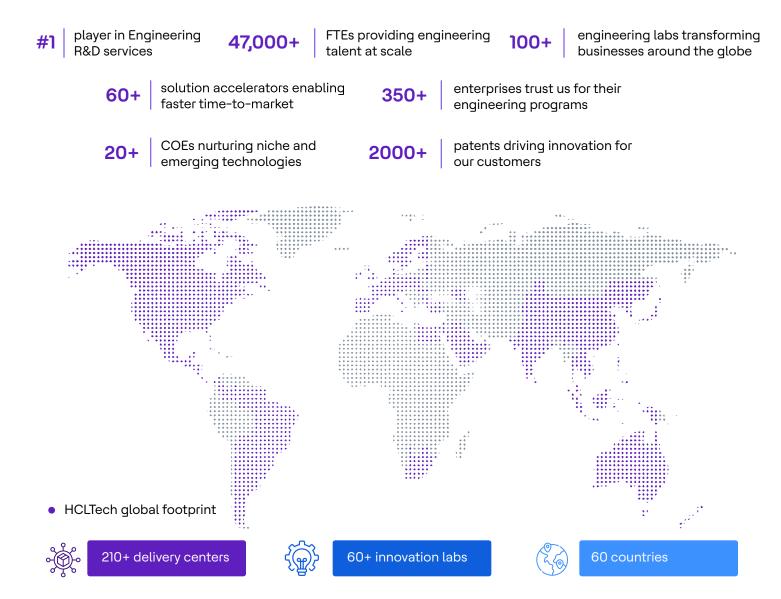
Private 5G Network in a Box

A managed services solution which helps in design, development, deployment and operations of private 5G solution for digital transformation of businesses across industry focus areas such as smart manufacturing, smart airports, smart utilities, smart health, etc. It also comes with many horizontal use-cases and accelerators such as smart city surveillance, AI-based product quality inspection, mission-critical robotic automation and AR/VR.

Making a global impact

Our strong innovation culture, combined with our alliances, start-up ecosystem and key academic research, helps us co-create IP and strategic innovations for our customers. Our engineering labs are dedicated to creating robust cloud-enabled solutions that help customers quickly influence the overall product ecosystem.

Investments in more than 100 engineering labs (environmental compliance, certification and benchmarking), and over 100 customer development centers and centers of excellence, make us best-placed to deliver comprehensive digital engineering services from concept to market for products and platforms across domains.

#1	player in Engineering R&D services	47,000+	FTEs providing engineering talent at scale	100+	engineering labs transforming businesses around the globe

60+	solution accelerators enabling faster time-to-market	350+	enterprises trust us for their engineering programs

20+	COEs nurturing niche and emerging technologies	2000+	patents driving innovation for our customers

● HCLTech global footprint

210+ delivery centers   60+ innovation labs   60 countries

Supercharging your 5G journey

HCLTech is a global technology company, home to 222,000+ people across 60 countries, delivering industry-leading capabilities centered around digital, engineering and cloud 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.

Our purpose is to bring together the best of technology and our people to supercharge progress. We're supercharging progress for everyone, everywhere – our clients, partners and their stakeholders, our people, communities and the planet.

As a company we are deeply focused on accelerating our ESG agenda. We are also creating technology-enabled sustainable solutions with and for our clients and partners. We embed ESG imperatives into every aspect of our business and ensure that the progress we supercharge is responsible, inclusive and beneficial to all our stakeholders in the long-term. We have committed to achieving net-zero by 2040.

We're powered by our people—a global, diverse, multi-generational talent, representing 161 nationalities—whose unique spark, perspective and boundless passion drive our culture of proactive value creation and problem-solving.

To learn about how we supercharge progress for you, visit hcltech.com.

222,000+ people

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60 countries

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hcltech.com

HCLTech is a global technology company, home to 222,000+ people across 60 countries, delivering industry-leading capabilities centered around Digital, Engineering and Cloud powered by a broad portfolio of technology services and software. The company generated consolidated revenues of $12.3 billion over the 12 months ended December 2022. To learn how we can supercharge progress for you, visit hcltech.com.