



Software usage requires adjustment,
We make user experience intuitive

SOFTWARE ENGINEERING

HCL ENGINEERING AND R&D SERVICES

The Environment Today

With the advent of the post PC era, the number of devices accessing online properties has exploded exponentially. ISVs and online companies need to provide a uniform experience on multiple form factors and operating systems, ensure high levels of performance despite concurrency in millions and at the same time ensure security as confidential information is at stake. Hitherto unknown VC funded firms are incorporating disruptive technologies and totally changing the stack of current applications and platforms. Companies are constantly playing catch up to new technologies, experiences and services to stay afloat.

HCL in Software

Industry Leadership

7 of the top 10 ISVs, 3 of the top 5 Enterprise ISVs, Top 3 Infrastructure ISVs, 3 out of the top 5 Internet Cos.

Value Leadership

Rated as the Top Choice for Product Development by Booz, AMR, Gartner and Forrester

Thought Leadership

Over 12 solutions and IPs in the last 1 year alone on SaaS, Cloud, Virtualization, ecommerce and Security

Propositions

Focused propositions for end customer benefit

Global Presence

Strong presence in Europe and APAC apart from the Americas enables us to deliver "Follow the Sun" models

End to End

Product Development, Product Sustenance, New Technology Services, Professional Services, End-of-Life Services and Technical Support

Systems and Subsystems

ISV	Online	E-Commerce	Security	Technology Focus Group
<ul style="list-style-type: none"> • Complete Product Ownership: New technology, Product development, Active Product, Professional Services, End of Life • Key Competencies: Product Development, Performance Engineering, Localization, Security, R&D, QA and Testing 	<ul style="list-style-type: none"> • Complete Online Shop: Product Engineering, IT Services, Support, Testing, Sustenance • Key Competencies: Search, Mobility, Analytics, Testing, Support, Gaming • 7+ Years of experience in the Online Space • Global Delivery: Delivery Center coming up in Seattle, Washington • Across Verticals Telecom, Gaming, Retail, Media & Entertainment Etc 	<ul style="list-style-type: none"> • End-to-end commerce: Implementation, Modernization, Operations, Support, Additional Services • Key Competencies: Platform Development, Performance Engineering, Localization, Multi-channel commerce, Payment gateway, Analytics. • 10+ Years of experience in eCommerce • Expertise across the Packaged Products and Open Source Technologies • Relationships and Partnerships with eCommerce Solution vendors 	<ul style="list-style-type: none"> • Total Security: Conceptualization, Product Management, Engineering, QA, Post Production • Key Competencies: Malware Research, Go-to-market, Globalization, Product Testing, Global Delivery, System Software • 4+ Years of Experience in the Security Space 	<ul style="list-style-type: none"> • Complete Technology and Deal Support: Technology Roadmap and Thought Leadership, Technical Capability Enhancement and Deal Support.

Services and Solutions

<p>Cloud Services</p> <ul style="list-style-type: none"> • Cloud consulting and assessment • Private Cloud enablement • Public Cloud migration • SaaS enablement framework • Cloud Operations 	<p>Software Engineering Services for Online and Cloud</p> <ul style="list-style-type: none"> • Software Engineering services for Online Platform Maintenance • Software Testing Services using "Teststream" • Performance Engineering Services • User Experience Engineering • Platform Ecosystem Development and Support • Service Instrumentation Engineering 	<p>Testing Services</p> <p><u>Domain Based Business</u></p> <ul style="list-style-type: none"> • Functional Testing • Regression Testing • Test Automation • System Testing • Integration Testing • User Acceptance Testing <p><u>Test Consultancy</u></p> <ul style="list-style-type: none"> • Test Process Assessment & Definition • Management • Enterprise Test Strategy 	<ul style="list-style-type: none"> • Tools Customization & Evaluation <p><u>Specialized Testing</u></p> <ul style="list-style-type: none"> • Automation Framework • Package Testing • DW/ BI Testing • Security Testing • Performance Testing <p><u>Solution Frameworks</u></p> <ul style="list-style-type: none"> • On-Demand Testing • Testing Services Center • TaaS (Testing as a Service) • Test Factory in a Box
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Service Line Units

Acceleration

- Digital Supply Chain Management
- Innovation Platform Enablement

Value

- Performance Engineering
- Interoperability Testing
- eDAT
- Intelligent Tech Support
- Intelligent Sustenance Engineering
- App Test Factory
- Accelerated Functional Testing

Technology

- Product Intelligence

e) 2 Engineering experiences

~\$ 50 Billion product revenue enabled over last ten years for our customers

Industry leading recognition by Gartner, Forrester, IDC, TBR and Frost & Sullivan

1250+ patents filed, 20+ Engineering Out of the Box Solutions

Delivery Expertise across 4 continents and 100+ development centres

#1 ESO provider from India, fastest growing, 500 basis point market share gain in 3 years

Experiences Engineered for our customers

- 1** **Leading Software Company**
During the 9+ years of engagement, HCL has established a footprint in all divisions of the client with touch points from Core Product to End User Experience hence, establishing the status of being a 360 Partner. HCL's Product Engineering Services to the client include Platform Development, Application/Device Testing, Product Analytics, Operation Support, Product Development, Program Management, Data Management and Datacenter Engineering.
- 2** **Leading Security Software Company**
The client engaged HCL to architect a scalable, secure and a world class e-commerce system. The site not only addressed the challenges faced by the security software giant, but added value to the business in more than one ways. Today, the e-commerce site is localized for 156 countries, delivers a 100% uptime for as many as 25000 transactions per day and is rated as one of the top 5 sites in the world.
- 3** **Leading Online Company**
HCL's engagement with the client spans from enhancing features to their Media Properties and developing multimedia rich micro-sites to CRM integration and new feature development for their SMB platform. There are engagements across Product Management and Program Management.
- 4** **Leading Media Company**
One of the key challenges faced by the client was to maintain business continuity in spite of Legacy Transformation with Platform Engineering that was reliable and standardized and a faster time to market of any new product/ service Launch in the future. HCL co-created value by Performance Engineering for Outages/ Restarts and Process re-engineering and carried out Business Unification of discrete business critical Applications to address these challenges.

 Hello, I'm from HCL's Engineering and R&D Services. We enable technology led organizations to go to market with innovative products and solutions. We partner with our customers in building world class products and creating associated solution delivery ecosystems to help bring market leadership. We develop engineering products, solutions and platforms across Aerospace and Defense, Automotive, Consumer Electronics, Software, Online, Industrial Manufacturing, Medical Devices, Networking and Telecom, Office Automation, Semiconductor and Servers & Storage for our customers.

For more details contact: ers.info@hcl.com
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