

HCL Technologies announces availability of CTMS Framework at Pharma IT Summit

New Delhi, March 16, 2004 – HCL Technologies, a global provider of IT Solutions & Services with a dedicated Life Sciences practice covering Drug, Device manufactures and Hospitals, announced today the availability of its value-add Framework CliniCOTS™, for Clinical Trial Management Systems (CTMS).

CliniCOTS™ is a comprehensive set of encapsulated value-objects that cater to functional operations as diverse as electronic capture of patient diaries to automated Case Report Form (CRF) generation. In addition the framework also provides customizable processes targeted towards reducing time-to-market. The framework works in conjunction with some of the leading third-party CTMS tools, in order to provide a streamlined trial process and a 360° management dashboard. Some of the highlights of the framework are automated graphical script authoring tool, integrated e-diary engine, customizable data collection workflow templates, automated CRF generator, implicit Source Document Validation engine, built-in bridges for industry standard content management tools, multi-purpose customizable portal for analytics and investigator relationship management and built-in adapters for guidance plug-ins.

CliniCOTS™ was developed through judicious partnerships between HCLT and other vending partners who brought significant domain knowledge of the drug discovery process. The framework is being refined using drug sponsor and CRO feedbacks and focus groups.

CliniCOTS™ is a result of more than 5 man years of effort directed through a high-profile team with extensive experience in drug discovery, regulatory validation, third party CTMS tools and state-of-the-art technology platforms.

“The CliniCOTS™ Framework along with our other suite of service offerings is an excellent value proposition to our Life science customers,” **said S Raman, President and Chief Operating Officer of HCL Technologies.** “It is our mission to deliver products and services that capture the best practices of the Life science domain, lower risk and help reduce the time-to-market for our customers.”

HCL Technologies provides solutions for Life science customers in the area of Clinical data analysis, Clinical Pharmacogenomics, RFID based solutions, Enterprise solutions for ECM, ERP, BI, EAI, CRM, SCM, as well as Business Processes Outsourcing and Infrastructure Management services & solutions for Medical devices & diagnostics, besides Hospitals Management systems with FDA regulatory compliance.

Aventis, Boots, Cardinal Health, GlaxoSmithkline, Hoffmann La Roche, Johnson & Johnson, Merck, Misys Healthcare and Novartis are some of the leading pharmaceutical majors, that the company counts amongst its customers.

[About HCL Technologies](#)

HCL Technologies is one of India's leading global IT services and product engineering companies, providing value-added, software-led IT solutions and services to large and medium-scale organizations. Founded in 1991, HCL Technologies focuses on technology as well as R&D outsourcing, with the objective of working with clients in areas at the core of their business. HCL Technologies delivers these services through an extensive offshore software development infrastructure and a vast global marketing network that enables scalable, flexible and cost-effective delivery. The company's well-defined business strategy has enabled it to build domain expertise across a host of chosen verticals including among others banking, insurance, petroleum, life sciences, aerospace, automotive, semi-conductors and retail. As of 31 December 2003, HCL Technologies Limited along with its subsidiaries had 13,065 employees. The HCL Technologies team today has operations spanning 26 offices in 14 countries – covering over 80% of the world IT market. Together with its knowledge of embedded systems, core technologies and application development expertise, HCL Technologies is positioned as a composite solutions provider equipped to cater to the entire gamut of IT needs. For more information, visit HCL Technologies at www.hcltech.com

Disclaimer

Certain statements in this release are forward-looking statements, which involve a number of risks, and uncertainties that could cause actual results to differ materially from those in such forward-looking statements. The risks and uncertainties relating to these statements include, but are not limited to, risks and uncertainties regarding fluctuations in earnings, our ability to manage growth, intense competition in IT services including those factors which may affect our cost advantage, wage increases in India, our ability to attract and retain highly skilled professionals, time and cost overruns on fixed-price, fixed-time frame contracts, client concentration, restrictions on immigration, our ability to manage our international operations, reduced demand for technology in our key focus areas, disruptions in telecommunication networks, our ability to successfully complete and integrate potential acquisitions, liability for damages on our service contracts, the success of the companies/ entities in which we have made strategic investments, withdrawal of governmental fiscal incentives, political instability, legal restrictions on raising capital or acquiring companies outside India, and unauthorized use of our intellectual property and general economic conditions affecting our industry. The company does not undertake to update any forward-looking statement that may be made from time to time by or on behalf of the company.

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