



Press Release

HCL Receives 2005 Customer Value Enhancement Award from Frost & Sullivan

New Delhi, July 21 2005 – HCL Technologies Ltd ("HCL"), a leading global IT and engineering services provider, was awarded the 2005 Semiconductor Factory Automation Solutions Customer Value Enhancement Award from Frost & Sullivan. The award was presented in a ceremony at the Boston Marriott Long Wharf Hotel in Boston, MA on July 20, 2005. HCL is the first Indian company to receive such an award from Frost & Sullivan in the semiconductor domain.

The Frost & Sullivan Customer Value Enhancement (CVE) Award is presented each year to the company that best demonstrated the ability to expand its customer base with innovative value creation and enhancement strategies. HCL has been chosen for the award because of consistent delivery of high customer value through their services to the semiconductor manufacturing industry. HCL's Factory Automation solution suite, aims to rapidly make semiconductor equipment and wafer foundries (fabs) compliant to standards that are developed by Semiconductor Equipment and Materials International (SEMI), and also conform to guidelines from International SEMATECH Manufacturing Initiative (ISMI). The HCL suite is poised to emerge as an industry standard Factory Automation solution.

"We are extremely proud to receive the 2005 Customer Value Enhancement Award and want to thank Frost & Sullivan for recognizing our efforts," said Divakar Maddipatla, Corporate Vice President and Global Head, HCL Semiconductor Practice. "Our Factory Automation solutions follow a building block approach of creating software cores, with customized integration layers, to help our customers achieve an *end-to-end, rapidly deployable* solution for compliance to SEMI standards," Divakar added.

The new Interface A protocol being implemented by HCL in its iDA is expected to address the requirements of handling of high data throughput to the order of 10,000 samples per second," said Vikram Shanbhag, Industry Manager, Frost & Sullivan. "The equipment engineering services offered by iDA are highly flexible and have numerous entry points, which helps the customer deal with critical business challenges posed by handling different products."

The HCL Factory Automation solution suite was developed under HCL's '*eManufacturing Initiative*' based on interaction with key industry participants including our customers, prospects and industry bodies. It comprises of – **HCL iDA**, for equipment and fab Interface-A solution (demonstrated to ISMI and member companies in June 2004); **HCL e-Diagnostics** (a next generation remote diagnostics and access system); HCL solution set for **GEM/SECS and 300MM** automation; HCL **EPT solution** set for equipment performance and utilization tracking; **HCL iFA**, a software layer for abstraction of communication protocols in the factory (based on EEC guidelines); **HCL E95** for User Interface design and **HCL SimQualify** based test solutions suite for Factory Automation standards conformance including SECS/GEM, 300MM and Interface-A.

Industry surveys indicate that 2006 will see a worldwide adoption of the SEMI standards. Having adopted a close partnership model with key industry consortia and associations, HCL solution is in alignment with the needs of all major potential customers. The HCL Factory Automation solution suite can help semiconductor companies achieve rapid compliance.



About HCL Enterprise

HCL Enterprise is a leading Global Technology and IT enterprise with annual revenues of \$2.2 billion. IT Products and Services contribute to revenues of over \$1.1 billion. The HCL Enterprise comprises of two companies listed in India, HCL Technologies & HCL Infosystems. The 29 year old enterprise, founded in 1976, is one of India's original IT garage start ups. Its range of offerings span Product Engineering, Technology and Application Services, BPO, Infrastructure Services, IT Hardware, Systems Integration, and distribution of technology and telecom products. The HCL team comprises of 25,000 professionals of diverse nationalities, who operate from 15 countries including 300 points of presence in India. HCL has global partnerships with several leading Fortune 1000 firms, including leading IT and Technology firms. For more information please visit www.hcl.in

About HCL Technologies HCL Technologies is one of India's leading global IT Services Company, providing software- led IT solutions, BPO and Remote Infrastructure Management services. Making a foray into the services domain in 1997-98, HCL Technologies focuses on technology and R&D outsourcing, working with clients in areas at the core of their business. The company leverages an extensive offshore infrastructure and its global network of 26 offices in 15 countries to deliver solutions across select verticals including Banking, Insurance, Retail & Consumer, Aerospace, Automotive, Semiconductors, Telecom and Life Sciences. For the twelve month period ended 31st March 2005, HCL Technologies along with its subsidiaries had revenues of \$ 711 million and employed 22,034 professionals. For more information, please visit www.hcltech.com

About Frost and Sullivan:

Frost & Sullivan, a global growth consulting company, has been partnering with clients to support the development of innovative strategies for more than 40 years. The company's industry expertise integrates growth consulting, growth partnership services, and corporate management training to identify and develop opportunities. *Frost & Sullivan* serves an extensive clientele that includes Global 1000 companies, emerging companies, and the investment community by providing comprehensive industry coverage that reflects a unique global perspective and combines ongoing analysis of markets, technologies, econometrics, and demographics. For more information, visit www.frost.com.

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