



## L&T Infotech completes Interoperability Tests of LTE-UE with Trillium eNodeB software

**Bengaluru, August 18, 2010:** L&T Infotech announced today that its LTE User Equipment (UE) Stack has successfully been validated in interoperability tests (IOT) with Trillium® LTE eNodeB software from Continuous Computing®, the global provider of integrated platform solutions that address the mobile broadband capacity challenge.

LTE or Long Term Evolution, is a new high performance air interface standard for cellular mobile communication systems. It is the last step towards the 4G generation of radio technologies and is aimed to be the successor to the current 3G technologies like UMTS. The LTE-UE Stack is intended for devices such as standalone/multi-mode or tethered mode wireless handsets, data cards, USB wireless modems, laptops and ultra mobile PCs.

L&T Infotech had previously announced the availability of the LTE-UE protocol stack, compliant to March 2009 3GPP Release 8 LTE specifications, as part of their IP portfolio. The LTE UE solution supports both TDD and FDD (time and frequency division duplexing) modes of operation and is verified for UE conformance by using the TTCN3 work bench. The stack offers complete L2 and L3 protocol layers with ATCMD support for application integration.

The LTE-UE offering comes from L&T Infotech's Product Engineering Services Business Unit. With strong focus on Access (wireless, wireline), Transport, Core Networks and Services Layer, L&T Infotech offers product development support for clients and partners to meet time-to-market requirements. Some key services offerings include CDMA 2000, 1X, EVDO, UMTS, xG-PHS, WiMAX and LTE network infrastructure development ranging from system engineering and protocol stack development to product re-engineering and field support services. L&T Infotech also provides end-to-end software services to handset OEMs, ODMs, semiconductor vendors, ISVs, mobile entertainment & media companies and operators. The company's expertise cuts across all the layers of mobile devices ranging from physical/ hardware layer, OS, device drivers, protocol stacks, middleware components, MMI framework up to application layer.

The L&T Infotech LTE-UE and Trillium LTE eNodeB IOT included validation of end-to-end call scenarios including both TDD and FDD variants of LTE. Continuous Computing's LTE Core Network Emulators (CNE) served as the core network and the companies successfully completed testing between the NAS (network access stratum)-level messaging in the LTE-UE and the CNE's Mobility Management Entity (MME) element. Based on this IOT activity, L&T Infotech and Continuous Computing offer clients, a validated ecosystem that can help accelerate early trials and deployments as well as ensure interoperability in the early LTE marketplace.

"The successful validation of LTE-UE in Interoperability Tests with award-winning Trillium LTE eNodeB software proves the compliance of the LTE-UE Stack to the 3GPP release 8 standards. Continuous Computing is the global leader in network access, edge and core protocol software stacks and we are happy to have demonstrated interoperability with their Trillium LTE product family." says Mr. Isaac Sundarajan, Executive Vice President and Head of Product Engineering Services (PES) Business Unit, L&T Infotech. "This achievement further strengthens our commitment to provide high-quality solutions in the telecom space and to enable our clients deliver world-class products."



# **L&T Infotech**

“While the availability of LTE-based user equipment is limited in today’s early LTE markets, we are committed to driving interoperability between our Trillium LTE software and the entire UE ecosystem,” said Mr. Manish Singh, Vice President of Product Line Management, Continuous Computing. “L&T Infotech’s offering is aimed squarely at enabling a growing community of UE providers to expedite their time-to-market capabilities and quickly take advantage of emerging LTE market opportunities.”

## **About L&T Infotech**

Larsen & Toubro Infotech Ltd. (L&T Infotech), one of the fastest growing IT Services companies, is ranked by NASSCOM among the top software & services exporters from India. Ranked among 2009 ‘Leaders’ in the prestigious Global 100 list by International Association of Outsourcing Professionals (IAOP), and a wholly-owned subsidiary of US \$ 9.8 billion Larsen & Toubro, India’s leading engineering, manufacturing & financial services organization, L&T Infotech is differentiated by its unique Business-to-IT Connect, which is a result of its rich corporate heritage.

Ranked No. 5 globally among the Best IT Services Providers by Global Services in 2009, we offer comprehensive, end-to-end software solutions and services in the following industry verticals: Banking & Financial Services; Insurance; Energy & Petrochemicals; Manufacturing (Consumer Packaged Goods/ Retail, High-tech, Industrial Products, Automotive) and Product Engineering Services (Telecom). Our new emerging verticals include Media & Entertainment and Life Sciences & Healthcare. We also deliver business solutions to our clients in the following horizontals/Service Lines: SAP, Oracle, Infrastructure Management Services, Testing, Consulting and Business Process Services. Our other Service offerings are: Business Analytics, Legacy Modernization, Applications Outsourcing, Architecture Consulting, PLM and Service Oriented Architecture.

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