The Tinker's Toolbox - Vikram Srivats of MindTree on Wireless Networks and Tech Convergence

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Hosted by Alix Paultre, the Tinker's Toolbox is the Advantage Design Group's web-based interview show where we talk about the latest technology, components, and design issues for the electronic design engineering community.

In this podcast we talk to Vikram Srivats of MindTree about wireless networks and their role in application and device functionality convergence in the marketplace. Wireless has extended its reach farther into our lives than ever before, and not just in telecom. Near-field low-power networks are defining the ubiquitous computing environment, and we discuss that and other issues impacting the designer of networks and wireless systems today.

Right-click to download the podcast [1]

Here is a link to the podcast in case the play button is inoperative: MindTree Interview [1]

Here is a presentation on some of the company's technology: MindTree Presentation [2]

Here is a recent MindTree press release:

MindTree, a global IT solutions and Product Engineering Services Company, demonstrated BlueLitE, a comprehensive IP suite for *Bluetooth* low energy technology in the Wearable Technologies Pavilion at Medica 2011 in Dusseldorf,

Germany.

The BlueLitE IP suite consists of stack & profiles, link layer and digital phy (modem). It is designed to meet the growing need of semiconductor players in the proprietary low power wireless space to migrate to *Bluetooth* low energy technology.

Majority of applications in the low power wireless space will move to Bluetooth technology due to the advantages that it brings in. This will essentially compel the current players in the proprietary space to move towards the standards based Bluetooth low energy technology. These players will have quite a few considerations to manage a successful migration from their proprietary wireless technologies towards Bluetooth.

“Our extensive research tells us that concerns like interoperability, qualification, end product cost and power consumption dominate the minds of our customers and prospects who are on this migratory path” said Vikram Srivats, Group Head, Bluetooth Product Business at MindTree Limited. “We have addressed each of these key concerns effectively in our offering which makes it simple and straight to for our customers to have their product in the field in quick time” he added.

BlueLitE has been tested in several Bluetooth SIG interoperability events and has specialized power management techniques. While the most compact implementation in terms of gate count, code and data memory reduces the variable costs, the structural design of BlueLitE enables retention of product platform which keeps the initial fixed costs low. Design based on clean abstraction layers and ANSI C code enables easy portability thereby accelerating the time to market.

“With BlueLitE being qualified and customers having taped out their initial versions of silicon, we are very bullish about MindTree’s play in this exciting large market” said Vikram.

MindTree a pioneer in Bluetooth technology space for over a decade has made key contributions to the development of Bluetooth low energy (v4.0) core specifications. MindTree also holds key positions in the Bluetooth SIG including that of Associate Councilor to the BARB (Bluetooth Architecture Review Board) and co-chair of the Medical working group. Several million units of products across the spectrum of Bluetooth market ship across the globe with MindTree’s IP today.

Please visit www.mindtree.com [3].

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