D2 Technologies Partners with Altair Semiconductor to Create Ultra-Low Power 4G VoLTE Communications Solution

D2 Technologies announced that it has partnered with one of the world's leading suppliers of commercial semiconductor solutions for FDD/TDD LTE, Altair Semiconductor, to meet the demand for turnkey LTE solutions. D2’s mCUE, a converged 4G mobile communications client for Voice over LTE (VoLTE) and RCS video calling applications, has been successfully integrated with Altair’s FourGee-3100/6200 LTE chipset platform. This provides OEMs and ODMs with the power efficient and small footprint solution required to deliver mobile handsets, data cards/dongles and other embedded devices to market that encompass a complete 4G communications solution over LTE.

Last month, D2’s mCUE and its underlying vPort embedded IMS VoIP software platform successfully completed the VoLTE Interoperability Testing Event in Beijing, China and Dusseldorf, Germany, organized by the MultiService Forum. Altair’s FourGee chipsets have successfully been used in dozens of field trials around the world by the industry's leading infrastructure vendors and carriers.

"We are very excited to partner with a leading solution provider such as D2 to offer advanced solutions to the market," said Eran Eshed, Co-Founder and VP of Marketing and Business Development of Altair. "Data services over LTE are already a commercial reality in many markets globally, and as a company striving for constant innovation, we found an excellent partner in D2 for introducing the next evolutionary step for LTE —voice, implemented over LTE."

The FourGee-3100/6200 is an LTE chipset that supports both FDD and TD-LTE on a single semiconductor and software platform, in any 3GPP frequency band between 700 and 2700MHz. The chipset supports throughputs in excess of 100Mbps/50Mbps DL/UL respectively, and implements a high performance 20MHz MIMO receive architecture. The FourGee-3100/6200 is integrated into 30+ products which are either commercially shipping or in field trials/regulatory approvals.

“Altair was one of the first to recognize the global shift to 4G, and specifically to TD-LTE,” said Doug Makishima, Chief Operating Officer for D2. “By partnering with Altair, we are leveraging its market differentiation by offering customers one of the industry’s first VoLTE semiconductor and software platforms. By integrating mCUE and its strengths in VoLTE and RCS video calling applications with a commercially ready LTE chipset, we are able to offer to our OEM/ODM customers a turnkey VoLTE solution that enables them to meet the needs of carriers in Asia, Europe and the U.S. with a single product.”

www.altair-semi.com [1]

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