

LG Demos Electronic Shelving Application at Korean Trade Show



LG, the global Korean electronics components firm, demonstrated its electronic shelving, Wireless Light control system, and module process and material at the recent Korea Electronic Components Industrial Exhibition which took place in Korea in June. DecaWave and LGIT signed an MOU in December 2009 to develop modules based on DecaWave's DW1000 part.

IDTechEx Generates Significant ScenSor Interest

A recent appearance at IDTechEx show in Munich has resulted in significant interest in ScenSor from attendees. Entitled **"An IEEE802.15.4a Compliant Chip Creates a True Disruption in RTLS and WSN Markets"** DecaWave CEO Ciaran Connell's presentation focused on bringing precision indoor location to RTLS; enabling energy harvesting techniques to be used in sensors; and bringing RTLS capability to Wireless Sensors and mesh networking to RTLS.



DecaWave CEO Ciaran Connell

To receive a copy of this presentation, please email sales@decawave.com

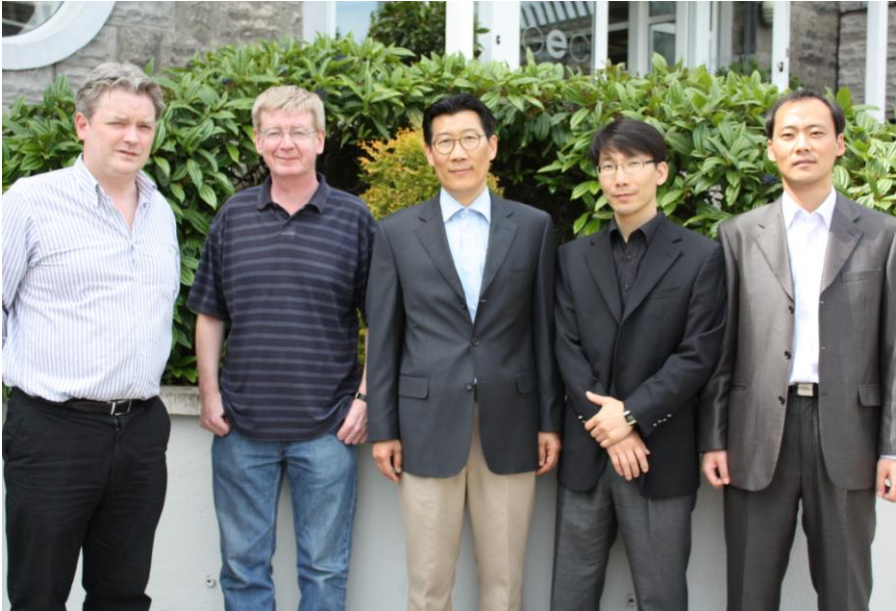
IEEE 802.15.4f Active RFID Session Takes Place in Beijing

The ninth meeting of Task Group 4f took place at the IEEE 802 Interim Session in Beijing, China in May, where DecaWave was represented by Billy Verso VP of Software, and Michael Mc Laughlin CTO.

This task group is working on new wireless Physical (PHY) layer(s) for Active RFID with RTLS. The 802.15.4a UWB PHY is ideal for this application and it is included as an attractive option within .4f so that anchor nodes can receive from .4a based tags and those based on the lower performance OOK modulation options included.

Good progress was made at the Beijing meeting as all remaining "To-Be-Decided" items were resolved and closed. This marks the completion of the merged proposal document (doc # 15-09-0804) which is now at rev14. As part of this agreement, the group adopted a DecaWave proposal for the Forward Error Correction code to be used in Extended Mode. With the completion of the merged proposal work can now progress on the drafting text for the new IEEE std 802.15.4f.

The next TG4f group meeting is at the IEEE 802 plenary meeting to be held in San Diego CA, on July 11th to 16th. DecaWave representatives will be attending this meeting and are happy to meet potential clients there.



DecaWave recently hosted a delegation of research engineers from LGIT at its Dublin headquarters. Included on the itinerary was a visit to DecaWave strategic partner Benetel, the RF design and test house who worked closely with DecaWave on the RF portion of the prototype boards at their Dublin office...

Pictured during the visit to Benetel were: Padraig McNamara, Design & Development Director, Benetel; Michael McLaughlin, CTO, Decawave; Young Lim, President, Decawave Asia; D H Kim, Junior Research Engineer, Wireless Connectivity Lab, LG Innotek; Dr J W Ahn, Senior Research Engineer, Wireless Connectivity Lab, LG Innotek



DecaWave Prototype Demo Attracts Significant Interest

A recent ScenSor prototype demonstration has attracted significant industry interest. Aerospace, research, RTLS, automotive and healthcare were among the industries represented at the demonstration, which took place at DecaWave's recently opened Toulouse offices in May.



Decawave Opens Offices in US, France

DecaWave is adding to its existing bases in Dublin and South Korea by opening offices in San Jose California and in Toulouse France.

"Having a presence close to Silicon Valley and in the heart of France's high tech Toulouse region significantly adds to our ability to engage with the significant interest we are encountering across the board for ScenSor" says Ciaran Connell, CEO Decawave.

DecaWave Completes Tape Out

DecaWave has completed the tapeout of ScenSor and will receive silicon from the foundry in July/August, according to Willie McFadden VP Operations at Decawave.

"The tapeout has been completed, and we are expecting silicon back from the the foundry at the end of July/early August" says McFadden. "After that we enter a period of rigorous testing, a process we will speed up by recruiting an RF Team Lead and an RF Front End Design Engineer, both of which positions we are currently advertising," he says.



*Willie McFadden VP Operations
DecaWave*