

New CSR platforms allow developers to capitalise on Android's native support for Bluetooth Smart

CSR plc

Second generation Bluetooth Smart platforms provide greater developer flexibility and increased memory.

Cambridge, UK and Sunnyvale, California, USA- [CSR plc](#) [1] has announced the launch of its second generation Bluetooth Smart platforms, designed to give greater flexibility to developers looking to create low-power wireless accessories. The CSR1010 and CSR1011, part of the CSR μ Energy range, will provide developers with end-to-end solutions for a range of devices, including HIDs such as wireless remote controls, mice and innovative 'accessories'.

The news follows an announcement from Google and Bluetooth Special Interest Group that Android will include native support for Bluetooth Smart Ready and Bluetooth Smart devices in the next version of its operating system, meaning 75% of smartphones[1] will be able to integrate seamlessly with a plethora of Bluetooth Smart Ready devices.

"Google's announcement marks a significant milestone in the roll-out of Bluetooth Smart technology and subsequently provides a huge opportunity for developers looking to create innovative low-energy wireless devices, and more functional mobile apps," says Paul Williamson, Director of Low Power Wireless at CSR. "CSR is committed to helping developers capitalize on this opportunity and by providing flexible and powerful platforms, like the CSR1010 and CSR1011, we are allowing them to create devices which give consumers the seamless connectivity experience they desire."

Bluetooth Smart enables low-power connectivity and basic data transfer for applications previously limited by the power consumption, size constraints and complexity of other wireless standards. CSR1010 and CSR1011 are based on CSR's qualified Bluetooth Smart radio and offer a number of improvements on its first-generation platforms.

Increased Memory for Advanced and Flexible Application Space

Offering 128KByte of memory, the new platforms offer up to double the amount of memory on its previous version and six times the customer application space. This provides greater flexibility and an environment designed for more innovative and feature rich designs.

Simple Optimized Power Consumption

The new CSR platforms make use of the μ Energy hardware modem. The modem

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and the ultra-low power programmable IO controller can communicate with sensors and peripheral devices, without using the integrated microprocessor. This minimizes power consumption and reduces data transfer latency. These features ensure that system level power consumption is minimized, giving optimized performance with minimum development effort.

[1] Figure taken from International Data Corporation (IDC) Worldwide Quarterly Mobile Phone Tracker, March 2013

For more information visit www.csr.com [1].

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[1] <http://www.csr.com>