

Wavecom reveals its latest innovations in M2M technologies at the Mobile World Congress, Barcelona

New hardware, software and service solutions demonstrate the future of wireless M2M

Issy-les-Moulineaux, France – February 10, 2009 – Wavecom announces that it will be showcasing its expertise in embedded wireless technologies for machine-to-machine (M2M) and automotive solutions at the Mobile World Congress in Barcelona, from 16 to 19 February 2009. Wavecom will exhibit a vast portfolio of technology innovations including hardware, software and services.

Among the most exciting innovations are two new members of Wavecom's popular Plug & Play family of Wireless CPU[®] devices. The brand new **Fastrack Xtend** provides a highly extendable platform for the creation of a wide range of M2M solutions, with versions supporting GSM, GPRS, EDGE, HSDPA, HSUPA, CDMA 1xRTT and CDMA EVDO. Like the existing Fastrack Supreme, all 3GPP versions feature a slot for adding expansion cards, enabling customers to add extra functionalities of their choice. Fastrack Xtend comes with both RS232 and USB interfaces, and provides twin antennae RX diversity for 3G models. It is powered via USB or an external supply and can be delivered with an internal battery as an option. The entire range is programmable with simple AT commands and the 3GPP versions are also programmable in C and/or Lua. By embedding their C/Lua application software directly on the Fastrack Xtend, Wavecom customers can transform it into their own standalone product.

A brand new breed of product from Wavecom is the **Fastrack GO**, whose line-up offers GSM/GPRS connectivity to any machine, with EDGE and HSPA versions to follow in the future. Offering the ultimate in Plug & Play installation, Fastrack GO plugs into any device and is then ready to make the cellular connection. At just 120x40x30mm, Fastrack GO is one of the world's smallest ready-to-go cellular modems. Fastrack GO comes in two different configurations, enabling customers to choose either DB9 or USB interconnectivity.

On the software side, visitors can discover the newly introduced **M2M Studio**, the first fully integrated development environment for the creation of M2M and automotive products. M2M Studio integrates previously isolated tools such as the source code editor, project build wizard, target download, RTE mode monitor, JTAG debugger, traces emulator and development tool chain, all within the Eclipse™ Ganymede framework. It features an easy-to-use graphical user interface (GUI) as well as improved and integrated GUI-based documentation.

Wavecom is also proud to present **Xpresso**, a new out-of-box "Discover & Learn" tool to get host based application developers up and running in less than five minutes. Xpresso enables ultra-fast configuration of modems as well as easy access to basic modem features. The hyper-easy graphical user interface enables the user to access to these features while simultaneously visualising the AT commands that will be needed in the product development. Supported features include automatic device search, SMS send and receive, and the setup of a GPRS connection to the Internet for web browsing, email, FTP and more.

No wireless hardware and software product line up is complete without a service offering, and Wavecom is pleased to announce that its **Intelligent Device Services (IDS)** offer is now fully available for a wide range of Wavecom Wireless CPU[®] Devices. IDS provides a secure end-to-end solution enabling remote monitoring and configuration of the Wavecom Wireless CPU[®], remote network and traffic analysis, and software upgrades over-the-air for any machine which integrates an IDS-compatible Wavecom Wireless CPU[®]. The offer is available as a Premium Pack, which gives the customer unlimited access to the services, or as a Pay-Per-Use option for spot software upgrades. In both cases, the diagnostics and upgrade process is fully managed by the customer. Show visitors in Barcelona can sign up for a fully operational free trial for remote wireless management of up to 100 devices.

The Mobile World Congress also represents an opportunity for visitors to discover Wavecom's competencies in the ODM (Original Design Manufacturer) space. Indeed, Wavecom is increasingly taking on design and integration assignments for third parties, and will showcase and demonstrate a series of solution designs which are available as ODM services.

Among the solutions on display is a **domestic alarm proof of concept**, demonstrating a remote home surveillance solution. The proof of concept integrates a complete home alarm system into a Wavecom Wireless Microprocessor[®], including ZigBee[®] and WiFi capabilities in addition to the cellular communications protocols. The Wireless Microprocessor[®] runs the entire alarm system, from the management of sensors to the back office system. New audio features in the Open AT[®] Operating System also provide consumer features such as voice memo for active families leaving messages for each other.

An **automotive emergency call proof of concept** will take visitors on a journey to the future of automotive telematics. The solution integrates eCall (emergency call), an interactive audio user interface, GPS and support for IDS, all on a single Wavecom Wireless CPU[®].

Both the alarm and the eCall designs also integrate a **server-side solution** from Wavecom's subsidiary Anyware Technologies. The Anyware solution – which is independent from the Wavecom platform and can be used with wireless modules from any vendor – facilitates data management via a rich web interface. In the alarm proof of concept, the web interface enables consumers to manage their home alarms at a distance and get alerted. In the eCall design, the web application is used to track a series of devices, show location history for a given device, or remotely set up geo-fencing alerts.

Wavecom will also demonstrate a **reference design for wireless EPOS (Electronic Point of Sale) terminals**, developed in partnership with Innova Card (recently acquired by Maxim). Thanks to a virtualized communication interface, a single Q26 Series Wavecom Wireless CPU[®] can simultaneously manage multiple communication technologies. The reference design integrates data reception and transfer via any type of bearer, such as PSTN, WiFi, WiMax, Ethernet, GPRS, CDMA, EDGE, WCDMA or HSPA, without any modification to the payment and security interface.

Visitors can also explore a range of **Wavecom Technology Evaluators**. These fully-fledged Wireless CPU[®] devices consist of a Wavecom Wireless Microprocessor[®] emulating the behaviour of other devices, allowing customers and prospects to test the capabilities of the Wireless Microprocessor[®] without significant alterations of their existing hardware designs.

Last but not least, a **brand new product line** will be announced at the opening day of the show.

On Wednesday 18 February, Olivier Beaujard, Vice President Business Development at Wavecom, will speak at the Embedded Mobile Seminar which takes place in the GSMA Pavilion, Hall 7, stand 7P01 from 2 to 5 pm.

Visit us in Hospitality Suite #34 on the Avenue and discover the future of M2M!

Wavecom – the wireless M2M experts

Wavecom is a leading provider of embedded wireless technology for M2M (machine-to-machine) communication. We provide a range of GSM/GPRS, CDMA, EDGE and 3G Wireless CPUs; programmable processors which also act as wireless modules or wireless modems. These are backed by a C and Lua-based cellular wireless software suite which includes a real-time operating system (RTOS), a software development environment based on Eclipse[™], and several Plug-Ins (GPS, TCP/IP, security, Bluetooth[™], Lua script and more). We also offer a wide range of professional and operated services. Our solutions are used for automotive telematics, smart metering, fleet management, GSM/GPS/satellite tracking, wireless alarms, wireless POS (point of sales), WLL (fixed voice), remote monitoring and many other M2M applications.

Founded in 1993 and headquartered in Issy-les-Moulineaux (France) near Paris, Wavecom has subsidiaries in Hong Kong (PRC), Research Triangle Park, NC (USA), Farnborough (UK), Munich (Germany) and Sao Paulo (Brazil). Wavecom is publicly traded on Euronext Paris (Eurolist) in France and on the NASDAQ (WVCM) exchange in the U.S.



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