



## ICERA LAUNCHES ESPRESSO® 300 MOBILE BROADBAND DEVICE PLATFORM WITH PROGRAMMABLE FEATURE SET

**Bristol, UK, 2 May 2008.** Icera Inc., the leader in software defined wireless modem chipsets, has today announced the Espresso® 300 software defined, mobile broadband device platform. Espresso® 300 delivers a complete reference design for high performance mobile broadband devices such as USB dongles and embedded PCI minicard modules for laptops and mobile internet devices. Industry analysts expect the mobile broadband device market to grow from 90 million subscribers in 2007 to 1.3 billion by 2012.

Based on Icera's Livanto® ICE8040 chipset, Espresso® 300 includes hardware, PCB layout, firmware, drivers, host software support, Software Design Kit (SDK), manufacturing test and calibration tools, complete validation and certification including Global Certification Forum (GCF) and Network Vendor Inter-Operability Test (IOT) as well as pre-approvals for major cellular carrier networks.

The Espresso® 300 platform is unique in offering a software defined feature set that allows three different performance level products to be produced by device manufacturers. Based on the Icera Livanto® ICE8040 chipset, the platform can be configured with three different Icera Adaptive Wireless™ firmware solutions to support different feature sets and performance levels all from a common platform.

The three Adaptive Wireless™ soft modems supported on the Espresso® 300 platform are:

### ***Adaptive Wireless™ HSPA-ADVANCED***

- GSM, GPRS, EDGE – 2.5G
- WCDMA – 3G
- HSDPA Category 8 (7.2Mbps peak downlink performance)
- HSUPA Category 6 (5.8Mbps peak uplink concurrent performance, with 2msec TTI)
- Type.3 Advanced Receiver with Receiver Diversity
- Further performance upgrades and enhancements delivered in software

### ***Adaptive Wireless™ HSPA-STANDARD***

- GSM, GPRS, EDGE – 2.5G
- WCDMA – 3G
- HSDPA Category 8 (7.2Mbps peak downlink performance)
- HSUPA Category 5 (2.0Mbps peak uplink concurrent performance, with 10msec TTI)
- Optional : Type.3 Advanced Receiver with Receive Diversity

**Adaptive Wireless™ HSPA-LITE**

- GSM, GPRS, EDGE – 2.5G
- WCDMA – 3G
- HSDPA Category 6 (3.6Mbps peak downlink performance)
- HSUPA Category 3 (1.4Mbps peak uplink concurrent performance, with 10msec TTI)
- Optional : Type.3 Advanced Receiver with Receiver Diversity

In addition the Espresso® 300 platform is delivered with **Adaptive Wireless™ VOICE** to deliver a high performance slim-modem for the fast growing class of HSPA Smartphone devices. The Adaptive Wireless™ VOICE firmware module includes all major cellular voice codecs, advanced support for acoustic echo cancellation and noise suppression as well as adding drivers and integration software for leading cellular applications processors.

This unique software defined performance and feature set allows device manufactures to support a range of products leveraging a common development effort and platform. Board area and power consumption are class leading and allow smaller, neater HSPA Smartphone devices to be produced.

The Espresso® 300 platform is shipping to customers today.

**About Icera**

Icera is a fabless semiconductor company, pioneering high performance, low power, software defined wireless modem chipsets for the fast growing mobile broadband device market. Icera technology delivers the highest performance modem solutions for USB dongles, datacards, modules for laptops and mobile internet devices and mobile phones. Founded in 2002, Icera is headquartered in the UK, with design locations in Bristol and Cambridge, UK, Sophia Antipolis, France, Richardson, Texas and Waterloo, Canada with sales offices in Europe, Japan, Taiwan, Korea and USA. For more information, visit the Icera web site at <http://www.icerasemi.com>.

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