

## **CCww, CCasia and Silicon Laboratories Announce GSM/GPRS Reference Design and Services**

**31 October 2005: Bournemouth UK, Taipei Taiwan and Austin TX, USA - Communications Consultants Worldwide Ltd (CCww), a leader in wireless protocol stack solutions, CCasia (Winity Technology Inc), a leader in wireless system design and integration, and Silicon Laboratories Inc. a global leader in high-performance mixed-signal IC solutions announced today that their partnership has completed the integration of a GSM/GPRS reference design for licensing to handset manufacturers.**

The reference design is configurable for use in a range of handsets from entry-level GSM phones to high-end Feature and Smart Phones. At the core of the design is Silicon Laboratories' AeroFONE™ single-chip phone, combining the conventionally separate digital and analog base-band and RF transceiver into an innovative single-chip design. CCww's high-performance, resource-efficient GSM/GPRS stack has been ported and validated by the partners to create a complete and configurable reference design.

One configuration of this design provides a low-end GSM phone that is well-positioned to provide rapid time-to-market coupled with very competitive low cost in manufacture. At the other end of the scale, CCasia can provide a complete feature-phone design to include: graphical MMI, memory file-system, 2 M-pixel camera, MP3 player, VoIP, Bluetooth, GPS, IM and more to create a high-specification feature phone that provides an unbeatable combination of fast time-to-market and low-cost BOM.

These unique advantages are enhanced further by a range of services derived from CCasia's exceptional experience in field trials (more than 50 networks world-wide) and optimization of handset production.

"We are delighted to be chosen by Silicon Laboratories to provide our protocol stack solutions with the world's most integrated wireless IC", said Richard Carter, Managing Director of CCww. John Wong, CEO of CCasia added, "we have created the most

competitive handset solutions and will ensure our customers achieve early production with targeted features and low-cost BOM."

"We are confident that the technology in AeroFONE combined with the technology solutions and support from CCww and CCasia is an unbeatable combination," said Dan Rabinovitsj, vice president of Silicon Laboratories. "We're taking wireless to a new level of integration, performance and cost-effectiveness."

#### **About CCww**

Communications Consultants Worldwide Ltd. (CCww) has built a strong reputation over 10 years providing wireless innovation to industry-leading companies. CCww supplies a complete range of IP including L1, L2 & L3 (GSM/GPRS/EGPRS) protocol stacks, which are proven on 6 chipsets and in millions of handsets, and has a UMTS upgrade program underway. With its joint venture partner in Taipei, CCww creates reference designs, manages conformance testing and optimises production. To-date CCww protocol stacks have powered more than 40 sector-leading handsets. For further information, please visit our website at [www.ccww.co.uk](http://www.ccww.co.uk)

Contact:

Anthony Cutler

[cutler@ccww.co.uk](mailto:cutler@ccww.co.uk)

+44 1684 893 999

#### **About CCasia**

CCasia is a joint venture between CCww and Winity Technology Inc., based in Taipei, and founded in Nov. 2004. CCasia is a SI (System Integration) solutions agent company, focussed on mobile phone applications. CCasia's engineers comprised the original core teams of TI Asia Reference Design and HTC Wireless System Division. Within TI, the core team set up TI's Asia Reference Design Center with US \$0.5B revenue/year. Following on from this, the team helped HTC build its smart-phone business by designing and shipping 7 models for world-wide distribution. This cumulative experience gives CCasia engineers familiarity with handset design and production for more than 50 networks world-wide. For further information, please visit our website at [www.ccasia.com.tw](http://www.ccasia.com.tw)

Contact:

John Wong

[john\\_wong@ccasia.com.tw](mailto:john_wong@ccasia.com.tw)

+886-2-2657-0166

#### **About Silicon Laboratories Inc.**

Silicon Laboratories Inc. is a leading designer of high-performance, analog-intensive, mixed-signal integrated circuits (ICs) for a broad range of applications. Silicon Laboratories' diverse portfolio of highly integrated, patented solutions is developed by a world-class engineering team with decades of cumulative expertise in cutting-edge mixed-signal design. The company has design, engineering, marketing, sales and applications offices throughout North America, Europe and Asia. For more information about Silicon Laboratories please visit [www.silabs.com](http://www.silabs.com).

Contact:  
Tiffany Plowman  
[pr@silabs.com](mailto:pr@silabs.com)  
+1 512-464-9432