

CPS and SiGe Semiconductor Develop Enhanced Global Positioning System for 2G and 3G Cellular Network

Cannes, France, 3GSM World Congress - February 14, 2005 - CPS and SiGe Semiconductor today announced they are collaborating to provide network operators and cellular service providers with a positioning solution for the delivery of seamless, reliable location based services.

The companies have demonstrated seamless coverage with fast location fixes by interfacing a GSM cellular handset equipped with SiGe Semiconductor's SE8901L global positioning system (GPS) receiver IC to a network powered by the CPS Matrix system. The combination of these technologies in an Enhanced GPS (E-GPS) system enables both satellite and network-based measurements to allow fast all-area, all-segment positioning. Preliminary tests demonstrate consistent positioning within seconds, continuous tracking, and high accuracy.

Results will be highlighted at the 3GSM World Congress from February 14-17 in Cannes, France, CPS Stand C21, Hall 1, and SiGe Semiconductor, Stand F45c, Hall 2.

"This partnership combines the technological strengths of Matrix with the GPS and chipset capabilities and expertise that SiGe provide," said Chris Wade, chief executive officer of CPS. "The resulting E-GPS technology means that GPS users will be able to experience for the first time a location service with reliable indoor operation and fast fixes. This illustrates the vision of 'Matrix Everywhere'."

CPS and SiGe Semiconductor are working together to develop E-GPS products for GSM and 3G. E-GPS combines the benefits of the CPS Matrix solution with those of GPS to provide a location technology ideal for in-building and urban environments. When operating in obstructed environments, such as deep indoors, an E-GPS equipped handset can access the CPS Matrix system to provide position information in locations where competing GPS systems would fail. The Matrix system also provides time synchronization that allows the SiGe SE8901L GPS system to return a position faster and with higher accuracy compared to alternative approaches. M/f

"This is an ideal solution, since it ensures quick and accurate position information in all environments at minimal cost and power in the terminal, and without requiring expensive modifications of the network infrastructure," said Jerry Loraine, chief technology officer, SiGe Semiconductor. "As a result, each level of the value chain is equipped to take advantage of the many commercial opportunities made possible by new location based applications."

The E-GPS system is undergoing final testing by CPS and SiGe Semiconductor. Joint implementation and product development support is available for qualified customers.

About CPS

CPS is the high accuracy location enabler for the wireless world. Through consistent innovation, we have developed new ways of helping people pinpoint their whereabouts - via a standard GSM mobile handset. Our technology is called Matrix - a unique software-only solution that combines sub-100m accuracy with rapid time-to-fix and consistent performance across all environments. Standardized for GSM, Matrix can be rolled out easily and rapidly to meet operator needs for new and differentiated location-enabled services.

About SiGe Semiconductor, Inc.

SiGe Semiconductor, Inc. is a leading global supplier of RF front-end solutions for next-generation wireless systems. Drawing on the unique advantages of silicon germanium technology, the company designs and delivers integrated circuits and chip-scale modules with unparalleled performance and power efficiency. Components from SiGe Semiconductor, Inc. can be found in Bluetooth(tm)-enabled portable devices, GPS and telematics systems, IEEE 802.11a/b/g WLANs, 2G, 2.5G and 3G cellular handsets, and cordless telephones. For more information, please visit www.sige.com.