



## **Rosum Corporation Debuts TV+GPS Hybrid Positioning Module for Homeland Security and Public Safety Markets**

**Mountain View, CA – October 23, 2006** – Rosum Corporation, the leader in reliable indoor location technology for homeland security and public safety applications, together with Global Locate, a leading producer of Assisted-GPS chips and software, announced today the general availability of the Rosum TV+GPS Hybrid Positioning Module (HPM). The HPM combines the indoor and urban reliability of Rosum’s TV-positioning technology with the sensitivity and accuracy of Global Locate’s Hammerhead A-GPS chip to deliver highly reliable and accurate location in all environments: indoor, outdoor, dense urban, and rural.

“The Hybrid Positioning Module is the product of intense, dedicated work to develop and refine TV-positioning technology and then to tightly integrate it with a world-class Assisted GPS solution from Global Locate” commented Rosum CEO Skip Speaks. “We have heard the voice of public safety officials and are addressing their needs with Rosum’s HPM. Hybrid TV+GPS 3D positioning is a vital platform technology for homeland security and public safety markets, such as first response, asset awareness for law enforcement, and offender monitoring.”

The HPM integrates TV and A-GPS ranging information so that any combination of three or more TV towers and GPS satellites can be used for positioning. Rosum’s hybrid TV+GPS solution also enhances the performance of the A-GPS engine itself by providing it with accurate time and frequency assist information which substantially improves GPS acquisition time and sensitivity. The result is unparalleled availability and accuracy for tracking and navigation applications. Further, the HPM provides altitude information to enable reliable indoor and outdoor 3D positioning.

“We are delighted that Rosum has selected Global Locate’s Hammerhead platform for the HPM. Our single-chip Hammerhead A-GPS solution with its long-term orbital (LTO) assistance data provides unparalleled sensitivity and reliability, and the combined performance of the hybrid TV+GPS solution is extraordinary.” Said Scott Pomerantz, President and CEO of Global Locate.

The HPM product and HPM Developer’s Evaluation Kits are available through resellers and directly from Rosum Corporation. Contact Todd Young, Director of Product and Business Development ([tyoung@rosum.com](mailto:tyoung@rosum.com)) for details.

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About Rosum:

Rosum is the first and only company to use unmodified broadcast TV signals for position location of mobile assets. The Rosum solution is uniquely suited to safety-of-life applications that require always-available position location in urban and indoor settings. Rosum is also the first to combine TV and GPS signals for robust situational awareness in all environments. Rosum’s leadership includes industry leaders from the GPS, cellular and television worlds, and



Rosum’s founding team includes the original architects of the GPS constellation. More information is available at [www.rosum.com](http://www.rosum.com).

**About Global Locate:**

Global Locate, Inc. is a privately held company that produces Assisted-GPS chips and software for wireless devices and networks. Global Locate has more than 160 US & Foreign patents issued or pending, related to A-GPS technology. These inventions include Long Term Orbits, MS-Based use of Ephemeris to enhance sensitivity, Position computation prior to decoding Handover Word, Time-Offset Assistance for combined GPS & Galileo, and Sequential Partial Correlation Matched Filtering.

Headquartered in San Jose, California, the company has sales offices in the New York metropolitan area, Tokyo, Taipei and Madrid. Global Locate’s A-GPS semiconductors products include Hammerhead, the industry’s only high sensitivity GPS receiver integrated into a single CMOS die. For more information see [www.globallocate.com](http://www.globallocate.com)

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