Fastrax Announces New Versions of iSuite™ GPS Software Development Kit and iTrax OEM GPS Receiver Firmware

Fastrax Ltd. today announced the availability of iSuite software version 3.31, which brings significantly improved performance and a host of new features to the industry-leading OEM GPS solution.

Helsinki, Finland (PRWEB) April 20, 2006 — Fastrax Ltd., a leading provider of open and portable OEM GPS Software Development Kit environments and programmable OEM GPS receivers, today announced the availability of iSuite software version 3.31, which brings significantly improved performance and a host of new features to the industry-leading OEM GPS solution.

Fastrax iSuite technology may be used to rapidly modify receiver features and functionality and to add user application code to run onboard iTrax receivers. The Fastrax iSuite Software Development Kit addresses the challenging issues of reducing time to market of location-aware products, as well as reducing the bill of materials cost in consumer goods and industrial tracking devices.

Adding wireless modems, Bluetooth devices, mass storage devices, LCD displays and keyboards is possible with minimum effort and without expensive extra components. Now with multiple choices of iTrax Development Kits for both iTrax03 and iTrax130 receivers, the iSuite SDK provides even more powerful tools for embedded GPS application development.

The new version 3.31 of the iSuite firmware and Software Development Kit for Fastrax iTrax03 OEM GPS receivers offers significantly improved performance and sensitivity, with high-accuracy positioning and advanced configurability. New features include:

- Ultra-high sensitivity (-156 dBm)
- Industry-leading ground track performance with new high-accuracy positioning engine, designed specifically for severe urban canyon environments
- 1 pulse per second support (1PPS)
- Full SBAS (WAAS, EGNOS, MSAS) support

iSuite firmware version 3.31 is available for all iTrax03 receivers. The firmware also supports receivers based on Sony Corporation's CXD2951 and CXD2956+CXA3355 GPS chipsets. The firmware is available for download at http://isuite.fastrax.fi/downloads.html

iSuite SDK is the only embedded GPS Software Development Kit available for multiple GPS chipset platforms. The iSuite 3 SDK is designed for high portability and easy application development. These capabilities are enabled by the portable multitasking real-time operating system iSys™ OS, iSuite 3 SDK APIs, and the powerful and extensible iTalk™ communication protocol. The iSuite 3 SDK now provides true multiplatform flexibility, allowing the application developer to choose from two Development Kit environments for the iSuite 3 SDK.

The iTrax03 Development Kit provides the full features of iSuite™ 3 software and includes all the tools needed for embedded software development for the iTrax03 family of OEM GPS receivers, including iTrax03/8, iTrax03/16, iTrax03-02 and iTrax03-S MP.
The iTrax130 Development Kit for iSuite supports Sony CXD2951 and CXD2956+CXA3355 GPS chipsets and provides the full features of iSuite™ 3 software in addition to full support for JTAG debugging. iTrax130 Development Kit users can utilize industrial-strength ARM® Realview Development Suite and RealView® ICE development and debugging tools for efficient embedded software development.

For more information about the iSuite™ 3 SDK and iTrax Development Kits, please visit http://isuite.fastrax.fi

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About Fastrax Ltd
Fastrax provides industry-leading receivers and software solutions for optimal utilization of GPS (Global Positioning System) and other GNSS location services (Global Navigation Satellite Systems). Fastrax transforms GPS technologies into highly scalable iTrax and iSuite solutions with open interfaces, combined to ultra low power consumption and miniature hardware design. With industry-leading performance, Fastrax GPS receivers navigate continuously even in extreme conditions. Receivers are ideally suited to both industrial location applications and high-volume consumer products such as cell phones and sports accessories. Fastrax Engineering Services provide expert services in application design. Headquartered in Finland and founded in 1999, the company is privately owned and backed by leading venture capital investors CapMan, Eqvitec, Startupfactory and Innocap, with a strategic investment by Suunto Corporation, a subsidiary of Amer Sports, a leading global supplier of sporting goods equipment. More information: www.fastrax.fi.

Global Positioning System (GPS) is a worldwide satellite navigation infrastructure funded and controlled by the U.S. Department of Defense, originally developed for U.S. military purposes. GPS provides satellite signals that enable GPS receivers to calculate their exact position and velocity. The GPS infrastructure has three segments. The space segment consists of 24 satellites that orbit the earth every 12 hours. The control segment consists of tracking stations located around the world, with the master control station located at Falcon Air Force Base in Colorado. The user segment consists of GPS receivers and users utilizing the information provided by the system. GPS is widely used in applications such as marine navigation.

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