Updated Software of Fastrax

iSuite software version 3.31 has been made available by Fastrax (Finland). Fastrax iSuite technology may be used to 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.

The new version 3.31 of the iSuite firmware and Software Development Kit for Fastrax iTrax03 OEM GPS receivers offers 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 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 utilise industrial-strength ARM Realview Development Suite and RealView ICE development and debugging tools for efficient embedded software development.

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