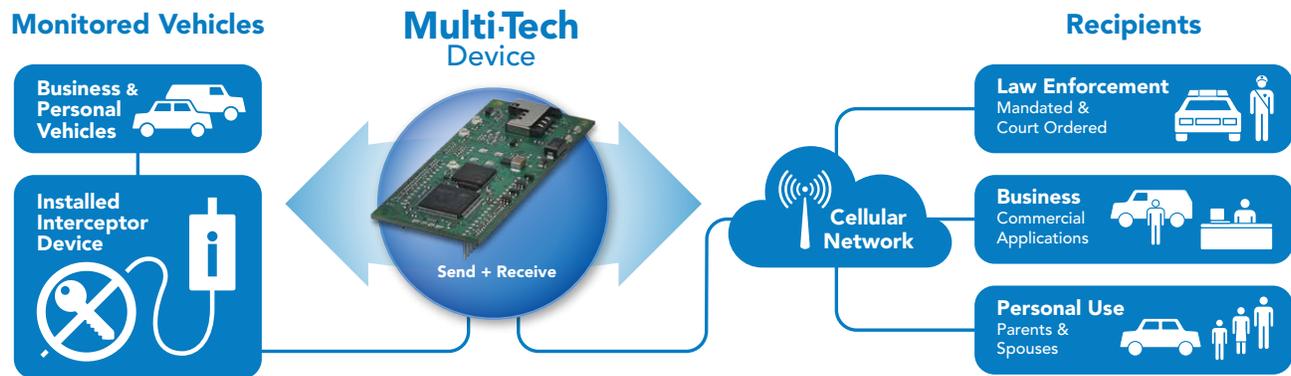


M2M-enabled Vehicle Safety Device Prevents Drinking and Driving

Background

Drinking and driving continues to be a significant problem in the United States. Law enforcement agencies are always looking for new and innovative ways to cost effectively combat the problem. And while great efforts designed to reduce or eliminate drunk drivers from getting behind the wheel have been in place for a number of years, no significant advancements have been made in the technology until now. Interceptor Ignition Interlocks has changed the game in the fight against drunk driving by bringing new advanced features, ease of use, and access to real time data.



Application

The Interceptor Ignition Interlock system is focused on providing highly technical products that help to reduce drunk driving. The company offers three levels of products. The Interceptor M-1 is for mandated situations that allow a convicted DUI or DWI individual to continue driving their vehicle. The Interceptor C-2 is for commercial situations that can help reduce insurance premiums and protect highly valuable cargo. The Interceptor V-3 is for voluntary situations for concerned parents or spouses.

The Interceptor Ignition Interlock system is a voice activated system that measures a driver's ability to operate a vehicle. Upon getting in front of the wheel and turning the ignition key to on, a voice will prompt the driver to "provide a sample." The driver then will use the Breath Test Module to provide a sample. If the driver passes the test, a voice will prompt the driver that s/he "may start the vehicle." Additional samples are collected on a periodic basis while the car is in motion. This is easily done due to the voice activated prompts and ease of use of the system. If a test is failed upon first entering the vehicle, the car will not be allowed to start. If there are two rolling test failures, an automatic 911 call will be made and the police will respond.

The Interceptor Ignition Interlock system is truly a state of the art system due to the voice activated feature and the ability to send data in real time. It is the real time data requirement that triggered the need for a Multi-Tech solution. Before this, Interceptor experienced a large number of performance issues with connectivity and the ability to maintain connectivity in a large geographical area.

Multi-Tech Systems addressed Interceptor's challenges by providing a cellular connectivity solution designed for M2M applications, which provided a reliable and consistent connection at great value. In addition, Multi-Tech was able to customize a solution specific to Interceptor's applications by working together and ensuring the products would work with the Interceptor applications and generate the appropriate reporting capabilities.

Interceptor and Multi Tech teamed up to provide a high-end solution that shares data in real time. This allows the police to keep convicted drunk drivers from operating their vehicles unless they are sober. The benefits provide safer roads, while granting convicted DUI drivers a way to continue to operate their vehicles to get to work and stay productive.

Partnership

Thanks to M2M communications enabled by a carrier-approved Multi-Tech Systems SocketModem® Cell embedded cellular modem, Interceptor was able to quickly bring to market a solution that allows real-time access to data from remote assets. Multi-Tech's ready-to-integrate embedded device networking solutions with Universal Socket connectivity and Universal IP® allowed Interceptor to add communications capability to its Ignition Interlock system with minimal effort and allowed Interceptor to expand nationally. The relationship with Multi Tech Systems alleviated the many issues Interceptor had with reliability and connectivity. In addition, Interceptor was able to select the most cost-effective solution for their needs.

Multi-Tech Embedded Cellular Modems

The SocketModem® Cell cellular modem is a complete, ready-to-integrate communications device that offers 2G or 3G GSM or 2G CDMA performance. These quick-to-market, carrier-approved communications devices allow developers to add wireless communication to products with a minimum of development time and expense. The SocketModem Cell cellular modems are based on industry-standard open interfaces and utilize Multi-Tech's Universal Socket design.

SocketModem® Cell Embedded Cellular Modems

- Interchangeable communications devices
- Quick-to-market
- Easy migration to future networks
- Serial or USB interface
- Embedded TCP/IP stack

About Interceptor, LLC

Interceptor Ignition Interlocks, Inc. provides highly technical products that reduce drunk driving by utilizing real time data to monitor driver behavior. The company was established with the mission to help make our roads safer by keeping drunk drivers off the roads.

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