M2M Telematics Product Development for leading Technology Company

**BUSINESS REQUIREMENTS**
- Support telematics devices and product enhancement
- Build complete architecture of the solution around personal telematics and diagnostics device
- Web and mobile based solutions

**BUSINESS IMPACT**
- Provide offline support for telematics device that includes support for Bluetooth and implementation of device tracking system like geo-fencing
- Designing server side implementation
- Complete lab setup for supporting system testing of the device

**OUR SOLUTIONS**
- Support telematics devices and product enhancement
- Build complete architecture of the solution around personal telematics and diagnostics device

**TOOLS/TECHNOLOGIES**
- Device development: CAN, Free RTOS, OBD protocols, ST Microcontroller, IAR EWARM, ST link
- Server Implementation: PHP, MySQL, Mongodb and Python
- Testing: Labsat, RF Chamber, Thermal Chamber, OBD II Protocol Simulator

**BUSINESS IMPACT**
- Enhancement of solutions like Geo-fencing, Low Power Reengineering and Accelerometer upgraded market position of the product
- End to End system testing reduced existing gap and enhanced the product leading to successful deployment
- Improvement of various features enriched look & feel and usability of product with cloud based tracking platform

**Solution Architecture Diagram**

**About Us**
Happiest Minds has a sharp focus on enabling Digital Transformation for customers by delivering a Smart, Secure and Connected experience through disruptive technologies: mobility, big data analytics, security, Cloud computing, social computing, M2M/IoT, unified communications, etc. Enterprises are embracing these technologies to implement Omni-channel strategies, manage structured & unstructured data and make real time decisions based on actionable insights, while ensuring security for data and infrastructure. Happiest Minds also offers high degree of skills, IPs and domain expertise across a set of focused areas that include IT Services, Product Engineering Services, Infrastructure Management, Security, Testing and Consulting.

Headquartered in Bangalore, India, Happiest Minds has operations in the US, UK, Singapore and Australia. It secured a $52.5 million Series-A funding led by Canaan Partners, Intel Capital and Ashok Soota.

For more information visit [www.happiestminds.com](http://www.happiestminds.com). Write to us at business@happiestminds.com