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

**OUR SOLUTIONS**
- 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

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

**BUSINESS IMPACT**
- Designing server side implementation
- Complete lab setup for supporting system testing of the device

**SOLUTION ARCHITECTURE DIAGRAM**

**About Us**
Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers. They deliver seamless customer experiences, business efficiency, and actionable insights. They leverage a spectrum of disruptive technologies such as Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as “Born Digital. Born Agile”, their capabilities span across product engineering, digital business solutions, infrastructure management and security services. They deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality. Headquartered in Bangalore, India, Happiest Minds has operations in USA, UK, The Netherlands, Australia, and Middle East.

**Case Study: M2M Telematics Solution**

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