

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 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

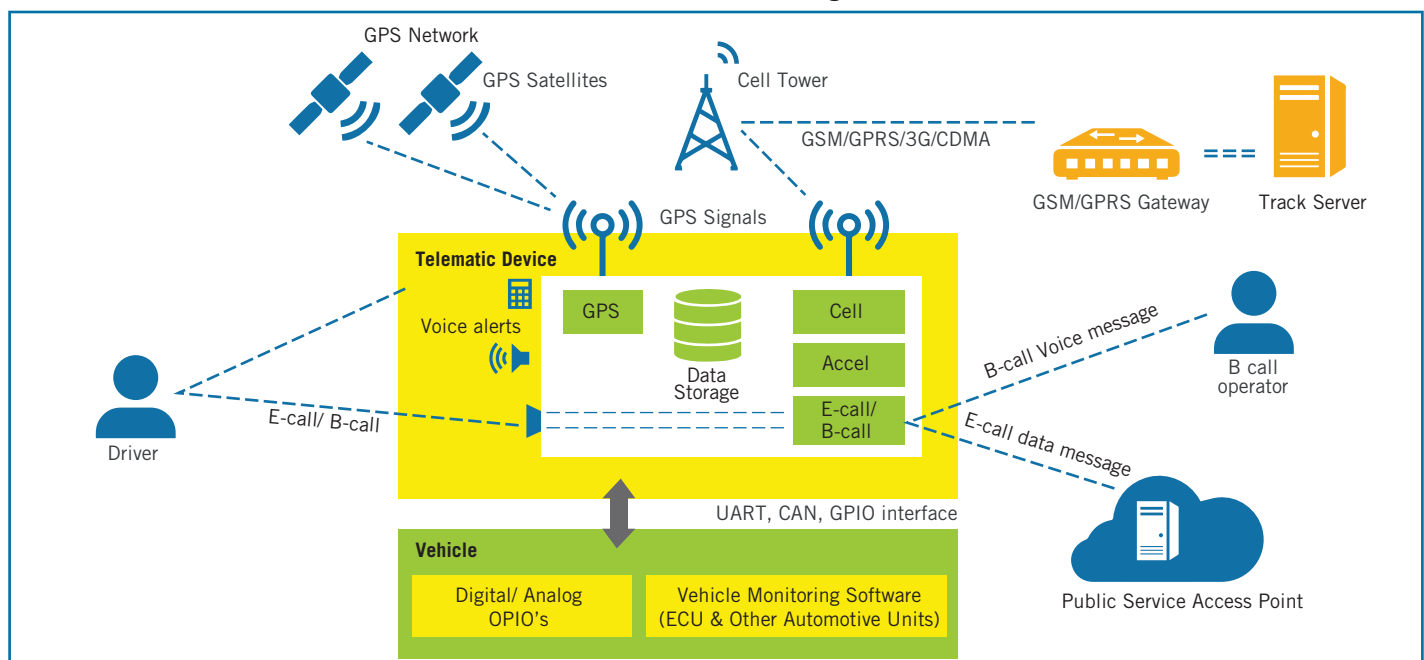


End to End system testing reduced existing gap and enhanced the product leading to successful deployment



Improvement of various features enriched look & feel and usability of product with cloud based tracking platform

Solution Architecture Diagram



About Us

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable **digital transformation** for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We 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", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We 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.

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