Personal Safety Monitoring Application
M6 Security & Convergent

Introduction

The project team was formed by Jonathan Lomas, Brian Rapanos, and Ilya Sharikov in the Fall of 2011. The team members all share a common goal, *integrate everything*. Due to the diverse professional experience of each team member the project team name was born, Convergent. The name describes the team perfectly and portrays the notion of teamwork, diversity, and the coming together of professionals.

Convergent has joined forces with Project Sponsor Roberto Winter, General Manager at M6 Security in Victoria, BC. Roberto's visionary approach to project management and bleeding-edge application development is the driving force for the Personal Safety Monitoring Application project.

Project

The Personal Safety Monitoring Application is a proof-of-concept iPhone app. It utilizes GPS, accelerometer, and embedded technology on the iPhone to monitor the location and safety of a person. The app allows the user to check in at regular intervals to let a designated person know they are safe.

Team Members

Jonathan Lomas, Technical Lead
At 10, Jonathan began his computer adventures, using PHP and programming languages by 11, and running a bulletin board service by 15. Holding a wide range of positions in graphic design, signage, construction, retail sales, event planning, administration, and accounting for government, and nonprofits, gave him the opportunity to learn and use programming in the business world. It has become his life's mission to connect it. It's got to be connected, got to be integrated.

Brian Rapanos, Project Manager
Brian has been working with PC and mobile applications for over 15 years, providing troubleshooting services and technical consultation to personal and business customers. Experience in high-end hotel customer service as both an employee and manager, coupled with management of a large shipping fleet, his project management and leadership skills are perfect for software development. An expert in both Windows and Linux systems administration, Brian sees himself as the link between people and technology.

Ilya Sharikov, Development Lead
Ilya holds an M.Sc.in Applied Physics and Mathematics from Moscow Institute of Physics and Technology (MIPT) and a Ph.D. in Physics and Mathematics from Moscow Aviation Institute (MAI). He has worked for many years as a university lecturer and then as an associate professor of physics for MAI and MIPT. Ilya also worked as a scientist for the Institute for Problems in Mechanics at the Russian Academy of Sciences. As an expert in both experimental research and numerical simulation in gas dynamics and plasma dynamics, Ilya also brings scientific programming knowledge to the team.

Conclusion

The team would like to thank Roberto Winter and the M6 team for this extraordinary opportunity. The prototype Personal Safety Monitoring Application is a chance for Roberto and Convergent to provide proof of concept for an application that keeps people safe. Personal safety joined with technology, *integrate everything*!