# BCIT ISSP Project

**Tsunami Solutions Ltd. SafetyLine Sonim Rugged Phone Application**

## Project Overview

The SafetyLine service monitors the safety of people who work alone and is currently available to work with Android, iPhone and BlackBerry phones. The purpose of this project is to create a SafetyLine application for the ruggedized Sonim XP3340 Sentinel phone on the Java ME platform. This will allow Tsunami Solutions to explore potential solutions for companies that utilize Sonim's phones. This project will be a continuation of previous Safetyline-Sonim projects.

## Team Contact Information

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## Project Requirements

The application should include the following features:

* The application for the Sonim XP3340 Sentinel should be made eligible to be downloadable through the Sonim "app store"
* The application should be able to toggle the "Man Down" feature of the XP3340 on and off
* The "Man Down" feature can be invoked with the XP3340 accelerometer
* The application should automatically configure the red, yellow and green buttons on the Sonim phone to speak to the SafetyLine web application
* The application should give the user a confirmation message whenever a message is sent to the SafetyLine web application
* Application should be able to report user's current location with the XP3340 GPS

## Stakeholders

Gabriel Caldwell (Tsunami Solutions Ltd., VP Operations) and Sonim.

## Users

Canadian law specifies that the managers must keep track of all of their workers working alone. This application will help workers report their conditions to their manager with ease.

The intended clients are users of the Tsunami Ltd. Safetyline system and Sonim ruggedized phone products.

Project Goal  
The goal of the Sonim application is to allow the user to check in to the SafetyLine service.