

Alpine Alarm



Application to a location for mobile devices working on Android

Alpine Alarm Project



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GOPR - beneficiary

Application - description

- The mobile device requirements:
 - Android operating system
 - GPS
 - minimum signal strength
- Administration interface application (back office):
 - rescuer on duty in each GOPR group
 - web server
 - internet network

Application - mobile device

- Widget
- Enter identification data
- Regulations
- Alarm activating
- Voice alarm sent confirmation or rejection

Application – Back office

- The administrative interface in each GOPR group
- The geographical regionalization - automatic distribution of alerts to appropriate groups
- requirements for Mountain Rescue Service emergency center: computer, internet, rescuer
- technical requirements to application maintain:
 - mobile devices (Android)
 - administrative interface – web server, sms gateway, (IE, Firefox, Chrome, Opera) browser



The benefits of using Application

- Aware of the possibility establish the exact location
- Intuitive use
- Two seconds to send an alarm
- Possibility to inform the family - GOPR

Benefits of using Application GOPR

- reduce the time to reach the victim
- possibility of fixing at any time the exact location of the victim
- the basic functionality of the Alpine alarm application has the same functionality like a very expensive satellite location system
- Ability to send alarm - poor mobile network range

Android - the number of phones sold

Third quarter 2011 - sales in the world :

- universality mobile phones with android - 52,5 %
- Symbian operating system Nokia 16,9 %, IOS (Iphone) 15 %
- the end of 2012 - 41% of the cells in Poland will be smartphones:
 - 52,5 % Android
 - in Poland in 2011 sold 2.8 million smartphones
 - in Poland in 2012 will be sold to 4 million smartphones(Source: Legal Newspaper - GFK Polonia survey)

Conclusion

It is very likely that, at the end of 2012, at least every third tourist in the mountains will have a smartphone on which it can install Alpine Alarm.

Thank you for your attention

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