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 to 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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