

Remote Workforce Safety, Location Awareness and Two-Way Messaging Solution.



TEXT MESSAGING



 : Send part ACU12, GPS: 42.288/2.385, 13:24:32, 09/21/09

 : Part enroute, ETA 3 hours

WAYPOINT



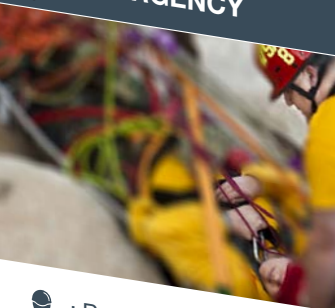
 : Fireline, GPS: 43.588/-79.591, 13:22:12, 09/21/09


CHECK-IN



 : Check-in 'OK', GPS: 59.755/-115.155 13:21:32, 09/21/09

EMERGENCY



 : Rescuers arrived, ETA to hospital 40 minutes, GPS: 39.591/-100.586, 13:26:17, 09/21/09



Off the Grid, Not Off the Radar.



GeoPro:

Bring the field into focus

Most remote workers lack a reliable and affordable means of communicating beyond cellular coverage zones. Not only is such communication essential for productivity, it can be a critical lifeline when an individual's health or safety is threatened.

GeoPro stands alone as the only complete remote workforce safety and productivity solution. GeoPro leverages Iridium's global satellite network, GPS, and a secure hosted web application to deliver unparalleled benefits to remote workers and the organizations responsible for them.

In addition to supporting routine two-way messaging, the rugged GeoPro *Messenger* device helps remote workers check-in with supervisors, call for help, provide emergency confirmation and in-event updates. Features like waypoints let employees record the GPS coordinates of any location of interest and make notes about it. There are countless applications for waypoints like marking a fire line, plant species, industrial spill or field equipment needing repair.

At the organizational level, GeoPro provides a 360° remote workforce view, mitigating risk by increasing management's visibility of employee location and status. Easily configured to the organization's safety protocols, GeoPro's rich application services help management effectively and affordably communicate with the field, monitor employees, and promptly respond to emergencies or missed check-ins. The GeoPro system is also extensible to additional devices, networks and assets.



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Services Suite

Two-Way Messaging

- Communicate anywhere on earth with two-way text messaging up to 160 characters
- Employees can select from predefined messages, or use the on screen keyboard to create their own messages or append predefined messages
- Message other email, cellular phone or GeoPro users

Emergency Management

- Employees can use the dedicated emergency button to call for help
- The GeoPro Web Application automatically requests confirmation to ensure against false alarms
- Escalation rules designate who is notified if there is a confirmed emergency
- Designated response teams are immediately alerted via email, SMS and the GeoPro Web Application interface
- Emergency and at-risk users are easily identified and searchable in the map interface
- Emergency incident management
 - Comprehensive message and event audit trail
 - Automatic, accurate GPS position updates
 - Easy forwarding of information to first responders (i.e. fire, ambulance, police)
 - Optionally, GeoPro can interface with third party applications such as emergency call centers (ECC)

Monitor Check-In

- Easily monitor employee status and location
- Manage failed check-in incidents based on business rules
- Employee check-ins can be scheduled or on demand
- Escalation rules designate who is notified if a scheduled check-in is missed and an employee fails to respond to the system generated reminder
- Responsible parties are alerted via email, SMS and the GeoPro Web Application

Waypoints

- Capture the GPS coordinates of locations in the field, annotate and save or share with others

Additional Services

- Locate – Locate GeoPro users from your web browser
- Track – Track GeoPro field users to within 2.5 meters of their location
- See-me – Send a text message with map link to an outside email address to show your location to friends and colleagues

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GeoPro Web Application

- Anywhere browser access to the secure hosted GeoPro Web Application
- Easily configure:
 - Role-based user permissions
 - User-based rules for emergency, check-in, and tracking including organization defined response teams
 - Enterprise-wide predefined message and address books
 - Assignment of workers into organizations and groups
- Mark dynamic or static waypoint locations specific to enterprise needs
- Flexible mapping solutions:
 - Bing™ or imported custom maps
 - User-defined bookmarks for quick access to key map areas
 - Support for multiple co-ordinate systems
 - View historical location message trail with the click of a button
- Device Manager – to view and configure personal data
- Comprehensive message and event audit trail

Network

Iridium®

- Two-way global satellite coverage with low message latency
- Highly reliable mesh network

GeoPro

- Multiple Tier 1 backbone connections
- HTTPS secure communication
- Multiple load balanced redundant server architecture
- Clustered database and storage area network (SAN) for data assurance and availability
- 24/7 network and application monitoring



GeoPro Messenger

Features

- Rugged two-way satellite/GPS messaging device
- Dedicated two step emergency button
- One handed non-slip form factor
- Easy to use and intuitive interface
 - Joystick to navigate on-display menus and keyboard
 - Dynamic softkeys for quick selection and response
- Automated tracking reports with flexible intervals
- Network/power optimized push messaging¹
- Multiple messaging options including free form text and predefined messages
- LED and audio alerts
- USB sync for predefined messages, address book and waypoints

Specifications

- Dimensions: 12.5 cm x 6.3 cm x 3.7 cm (5" x 2.5" x 1.5")
- Weight: 380 g (13.4 oz)
- Battery: Lithium-ion, field replaceable, field rechargeable
- Battery Life: up to 1000 message reports (usage and condition dependent)
- Operating Temperature: -10°C to + 50°C (14°F to 122°F)
- Display: Monochrome, backlit, anti-glare
- IP66: Protected against powerful water jets and dust ingress
- GPS: u-blox chipset. Best in class acquisition and tracking sensitivity
- High precision GPS (4 digits): Latitude, longitude, altitude, velocity, direction

¹ Patent pending.



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GPS
Personal Communications