

KEEPING LONE WORKERS SAFE AND CONNECTED.

Why ultra-rugged mobile phone solutions are a smart investment for security operations.



Lone workers face substantial risks and physical hazards. Guards secure enterprise buildings and grounds at night. They work in enclosed spaces, aerial locations and other risky environments. And they need communications devices that can stand up to the extreme nature of those jobs - devices that provide enough battery power to cover back-to-back shifts, send immediate alerts if they can't be reached by the network and provide continuous GPS tracking even under extreme conditions.

Their lives may just depend on this device, and it's your job to ensure it's rugged and reliable enough to keep them connected and safe at all times.

Exacting Requirements

Today, lone worker devices and solutions come in a variety of flavors. The pros and cons of each need to be weighed carefully. Solutions should provide integrated layers of reliability across four key components; the device itself, the monitoring server, the emergency response center and the mobile network. Anything less puts your workers and your organization at significant risk.

Some questions to consider as you evaluate potential solutions:

- What are your specific lone worker communications needs?
- What type of coverage is required? (indoor/outdoor, campus, under ground)
- Can the device withstand drops, transport/thermal shock, humidity, as well as operate reliably in temperature extremes?
- Does the device feature dedicated lone-worker functionality? – i.e. colored, easy to operate, programmable risk management buttons?
- Is man-down functionality supported, and to what extent?
- Does the solution offer an integrated emergency response call center?
- Does the solution provide extended battery life to allow GPS tracking for double shifts, including hours of phone calls, even with Bluetooth switched on?

It is important to approach lone worker solutions with a 360 degree view of your specific needs. Technology continues to evolve, so it's important to invest wisely. Ultra-rugged, reliable devices? Yes. Superior usability even under duress? Without question.

Higher Stakes

From an IT/Operations perspective, lone worker communications need to be not only cost-effective, rugged and engineered with intelligence to maximize worker productivity, but also embedded with the safety features and reliable connectivity to protect lives. The stakes for companies and managers responsible for these workers have never been higher.

Many countries, including the UK, France, Germany and Canada have specific legislation requiring employers to proactively assure the health and safety of Lone Workers, and such legislation is generally tightening and being enforced in more and more countries. The UK's 2007 Corporate Manslaughter and Corporate Homicide Act is amongst the most stringent, and places the burden of proof of proactive-safety management after a lone worker death on both the organization and senior management. Large fines have been levied on companies that fail to demonstrate that they're doing everything possible to protect their employees.

Dangerous Liaisons

Security personnel – including guards and patrolmen – are among the workers most likely to confront individuals who pose significant danger to their well-being.

The 2008-2009 British Crime Survey reports that during the preceding 12 months, there have been approximately 305,000 threats of violence and 21,000 physical assaults by members of the public on British workers.

More Features, Radical Reliability: The XP3340 Advantage

- Improved battery life - 20 to 24 hours of talk time, 800 hours of standby time
- Professional grade GPS with up to 29 hours tracking time
- Active noise cancelling microphone
- Loud audio volume
- Meets the world's leading standards for lone worker protection including the device requirements of British Standard BS8484 and German Standard DIN 0825-11

A New Breed of Lone Worker Solutions

Extended battery life. Up to 29 hours of GPS tracking time. Professional grade GPS accuracy and sensitivity. Ultra-rugged standards that go well beyond military specifications. An advanced and highly configurable man-down sensor. These and other key capabilities define Sonim Technologies' latest lone worker GSM device – the XP3340 Sentinel.

The four key elements of a lone worker solution



When paired with the support of more than 20 leading lone worker specialist monitoring companies around the world and the voice and data capabilities of a mobile network provider, the XP3340 Sentinel sits at the center of a powerful, yet affordable end-to-end communications solution. This solution has already been put to the test by security, utilities, healthcare and maintenance companies, as well as local government organizations throughout Europe.

Built-in Safety

The XP3340 Sentinel features a dedicated red alarm button designed for use with gloved hands, even when the phone is locked. This simplifies the user interface, and when pressed, quickly sends GPS coordinates to the Emergency Response Center and triggers an automatic speakerphone call to the emergency center. Yellow and green keys can activate enhanced GPS monitoring and tracking and provide easy network log-in and log off.

It also supports geofencing, allowing the monitoring centre to be alerted whenever a worker enters or leaves a predefined work

zone. Such streamlined communications between lone workers and the emergency centre allows for faster response times and better reporting capabilities. In tracking mode or on remote request, lone workers may be located at any given time with GPS positions cached and preserved even if the phone is out of GSM coverage.

Advanced and highly configurable man-down technology helps minimize false alarms, streamlining monitoring and response expenses. The device allows the user to quickly cancel false man-down alarms by shaking the phone to override a no-movement alarm and placing the phone upright to cancel a tilt alarm. Impact and free-fall events can also be detected. Man-down alarms act just like red buttons alarms, automatically locating the worker and calling the monitoring centre.

In Pursuit of Lower Total Cost of Ownership

GSM lone worker solutions have more than just a coverage advantage over private mobile radio solutions; they offer a significant cost advantage as well. Two-way radios are expensive - both devices and network access - and have limited data capabilities.

Separate lone worker devices require an additional network subscription to the mobile phone. Ultra-rugged GSM devices, like Sonim's, consolidate devices and network costs, at a competitive price point.

Device management costs are reduced through over-the-air provisioning and remote device diagnostics including battery life reporting, GPS signal verification and end-to-end network checks.

With an industry-leading 3-year comprehensive warranty covering accidental damage, reliable software and multiple layers of built-in safety features for lone worker protection, Sonim devices provide a cost-effective, advanced communications solution for those who do the extreme and demanding jobs for the rest of us – and they minimize liability risks and insurance premiums for the companies who employ them.

For more information on solutions designed specifically to meet the needs of lone workers, visit:

<http://www.sonimtech.com/loneworker/>