

**SONY**

**mSafety**

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# Freedom through connectivity

A complete remote monitoring platform  
with connected wearable device

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# Are you seeing the whole picture?

*Health and safety service providers need to monitor the wellbeing of their customers, patients or employees. That means staying connected with them wherever they are, whatever they're doing.*

*The majority of remote monitoring applications currently available are designed for mobile phones, which implies certain limitations. The data gathered is often patchy due to simple mistakes like end-users forgetting to carry or recharge their phones. Frequently broken connections mean that service providers seldom get a complete, uninterrupted set of data.*

## **A secure, reliable platform for remote monitoring**

Bypassing the need for mobile phones, mSafety combines a user-friendly wearable for collecting and displaying data with a solid back-end solution that keeps service providers up-to-date at all times.

Data regarding the user's physical activity, heart rate, sleep patterns, and location can continuously be gathered from in-device or additional external sensors and uploaded for service providers to see.

The mSafety platform is secure, fully scalable and easy to manage, regardless of the number of devices involved. Including a purpose-built wearable, it facilitates the creation of remote monitoring applications that generate additional value for your customers.



# Provide health and safety customers with the data they need and ownership of it

mSafety is a ready-made mobile health and safety platform for you to build on. Create your own remote monitoring applications, taking advantage of the communication functionality and security Sony offers. End-to-end encryption of customer application data is supported, so that no customer's application data, e.g. health data, is visible in the mSafety backend. Continuous bi-directional data allows for greater proactivity, helping your customers improve their services and increase operational efficiency over time.

Thanks to its convenience and long battery life, mSafety is unrivalled in the wearable health solutions market today. Employing versatile and open source technologies, it can be applied to a broad range of applications - where it delivers benefits to service providers and end users alike.

## Value for service providers:

- Improved time to market - quick to implement and fully scalable
- End-to-end-security
- Easy fleet management, including software updates/upgrades
- Simplified compliance management
- Reduced costs and increased operational efficiency
- New insights based on gathered data - leading to more proactivity and service innovations



■ Provided by partner  
■ Provided by mSafety



# Where does mSafety add value?

*Remote monitoring applications built on the mSafety platform can significantly reduce the cost of healthcare service provision and accelerate your clinical trials, while delivering benefits to end users.*

*In hazardous working environments, or in the type of extreme situations faced by emergency rescue services, remote monitoring applications based on mSafety can help save lives.*





## mSafety for healthcare

Healthcare providers can take advantage of mSafety to offer remote monitoring services that reduce the pressure on front-line staff while improving the quality of care.

mSafety is ideal for companies involved in monitoring the elderly and people with chronic health conditions such as diabetes, stroke, heart failure or arrhythmia. It not only enhances the user's safety but also contributes to family members' peace of mind.

Additional sensors can be connected to cater for each service providers' unique health application.



## mSafety for clinical trials

Based on the mSafety platform, pharmaceutical companies can create tailored applications for specific trial protocols. Once deployed, the mSafety wristwatch connects directly to the cloud infrastructure, using built-in IoT communication standard LTE Cat-M1. Patient data is uploaded automatically and continuously, leading to better quality, faster trial results.

Thanks to the devices' bi-directional communication capabilities, trial supervisors can keep in touch with participants, set up reminders and establish a reliable flow of feedback. Interaction with participants is optimised and compliance issues are dealt with promptly.



## mSafety for workplaces

Continuous monitoring helps keep staff safe in high-risk working environments. Use the mSafety platform to create applications that provide Occupational Health & Safety (OHS) officers with real-time data on the welfare of their employees.

Armed with key data on employee status and wellbeing, OHS officers can respond quickly to early warning signs and prevent minor incidents becoming full-blown crises.



## mSafety for outdoor leisure

Hikers, windsurfers and other outdoor sports enthusiasts face risks whenever they practice their sport – amateurs and professionals alike. You can use the mSafety platform to develop applications that provide them, and those responsible for their safety, with life-saving back-up services.

With built-in GPS and sensors to capture user status and location, mSafety helps rescue services act fast and save people who run into trouble.



# A ready-made platform for you to build on

*mSafety consists of two main components: a wearable and a cloud backend. As an mSafety customer, you can develop your own unique mHealth application to be embedded in the wearable and connected to the backend solution.*

## The wearable

The ready-made mSafety wearable is guaranteed to provide end-users with an easy, hassle-free user experience, regardless of their technology comfort level.

Take advantage of this purpose-built device to save on unpredictable development costs and minimise time to market. Leveraging many years of experience in hardware design, our experts have streamlined and simplified the device to make it ideal for remote monitoring purposes. Reliable connectivity and very low power consumption enable a battery life of seven days or more, based on a reference use case.

## Easy for end-users

- Extended battery life
- Shipped with your application pre-loaded
- Automatically displays information, without requiring any action from the end user
- Simple to manage and easy to read, with a clear black & white interface
- Durable
- Always connected thanks to a global roaming profile and data subscription plan

## The backend

The mSafety backend is your fast way into the market. It is built on a secure cloud back-end solution, with a framework for managing IoT devices. To ensure confidentiality, resources from different customers are managed separately. User data from the wearable is always visible to service providers. However, end-to-end encryption is supported, which means that no medical data is visible or stored in the mSafety backend. Dashboards for subscription management, remote device configuration and software updates are included in the platform.

A continuous flow of bi-directional data allows for actionable insights that help improve services and boost operational efficiency over time.

## Key advantages for service providers

- Time-to-market
- Security of data, end-to-end encryption
- Ownership of data (no Sony subscription needed)
- Device and subscription management as a service



mSafety from Sony is a ready-made platform with connected wearable upon which mobile health & safety service providers can build value-adding remote monitoring services. mSafety supports proactive health services for end-users, while delivering valuable data to the companies that deploy it.

## Want to know more?

Contact us on [msafety@sony.com](mailto:msafety@sony.com) and find out how mSafety can add value to your organisation.

<https://sonynetworkcom.com/msafety/>

# mSafety

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