Telia

Telia Smart Transport

DRIVER'S ALARM:
KEEP DRIVERS AND PASSENGER SAFE

Driver´s Alarm is an alarm that sends GPS positioning in real time from the vehicle while a phone line for audio communication opens up to the alarm receiver so they can listen in on the situation.

Alarm with GPS

Your drivers have challenging daily work. Although the majority of their personal encounters are pleasant, threatening situations can arise, along with the risk of robbery or violence between passengers. Whether a threatening incident or a traffic accident has occurred, the ability to quickly share the current location of the vehicle with the alarm receiving center is indispensible.

Alarm with audio communication

When the alarm button is activated, the alarm receiving center is notified of the GPS position of the vehicle. Meanwhile, audio communication is established so that the alarm receiver can monitor the situation and prepare to take action.

KEY BENEFITS

- Immediate alarm with real-time GPS-positioning when accidents onboard or in traffic happens
- Connect VoIP with the alarm button and GPS for increased security
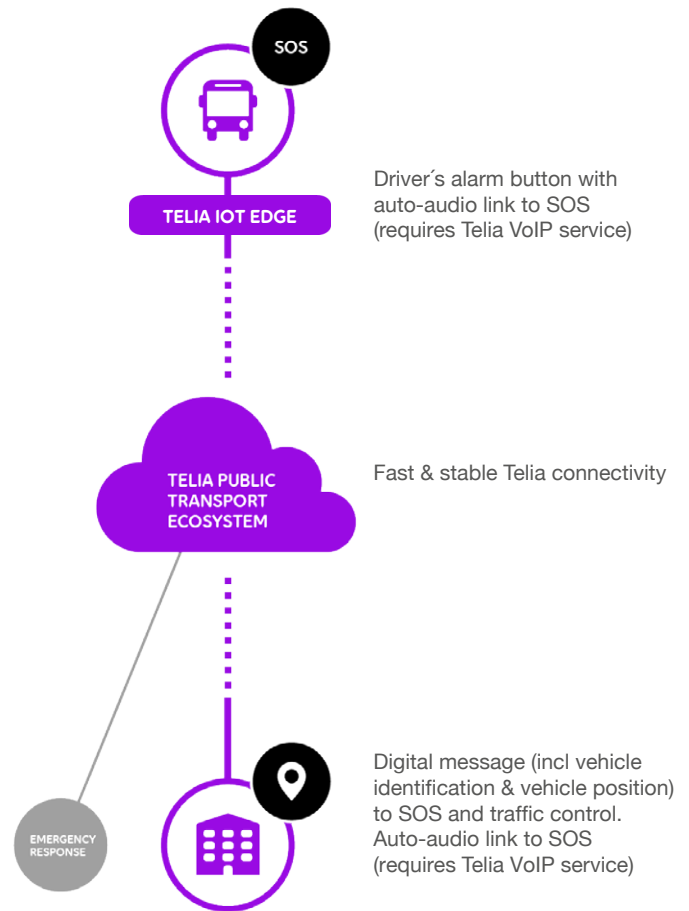- Remote software configuration

How does Telia Driver´s Alarm work?

Driver´s Alarm is a service that runs on the Telia IoT platform and is connected via Telia IoT Edge; our powerful onboard edge processor and gateway. Telia IoT edge delivers real-time data to drivers and to the cloud. Driver's Alarm is an accessory for the Telia VoIP service. In addition to VOIP components, an alarm button is installed in the vehicle.

When the driver presses the button, the Telia IoT Edge unit records the current GPS position, which is sent to the alarm receiving center. The alarm is also registered in your cloud-based customer portal, where you can see all alarms after they have come in.

The unit simultaneously opens an audio connection from the driver's call equipment, over the public telephone network, to the alarm receiver. Because we support numerous protocols for connection to the alarm receiver – including SOS Access V4, which enables you to connect with SOS Alarm – you can choose your own alarm headquarters.

SOS

TELIA IOT EDGE

Driver´s alarm button with auto-audio link to SOS (requires Telia VoIP service)

TELIA PUBLIC TRANSPORT ECOSYSTEM

Fast & stable Telia connectivity

EMERGENCY RESPONSE

Digital message (incl vehicle identification & vehicle position) to SOS and traffic control. Auto-audio link to SOS (requires Telia VoIP service)

CONSOLIDATE YOUR IT SYSTEMS TO ONE OPEN PLATFORM

Telia IoT Edge is an powerful onboard edge processor and communication gateway. It is retrofittable and connects onboard systems and devices to the cloud. This makes it possible to download vehicle data, control, survey, update and configure IT-systems in the vehicle remotely. Telia IoT Edge combines robust, maintenance-free design with reliable and open software and application.

With an open platform, APIs and standards; you can easily integrate your own services – or add third party applications. So you can make the most of whatever the future brings.

TECHNICAL COMPONENTS

Onboard unit	Telia IoT Edge - MIIPS C
Touchscreen	Telia MIIPS Android
Alarm button	
Speaker	
Microphone	
Headset	
System	Call administered via VoIP PBX Asterisk (software-based switchboard)
Web interface	Communication central portal
Software:	CODEC for voice (enables Voice over IP)

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