GLOBAL CONNECTIVITY SOLUTION FOR STOLEN VEHICLE RECOVERY

☐

Contents

Introduction

Vehicle theft and related criminal activity is a costly challenge and, despite some fluctuations, it is still on the rise worldwide. Regrettably, globalisation and uneven technological advances have led to a quite dramatic increase in car theft, making some developing countries the attractive markets for cars stolen abroad. Teltonika Telematics is ready to offer a present-day solution to address this important issue.
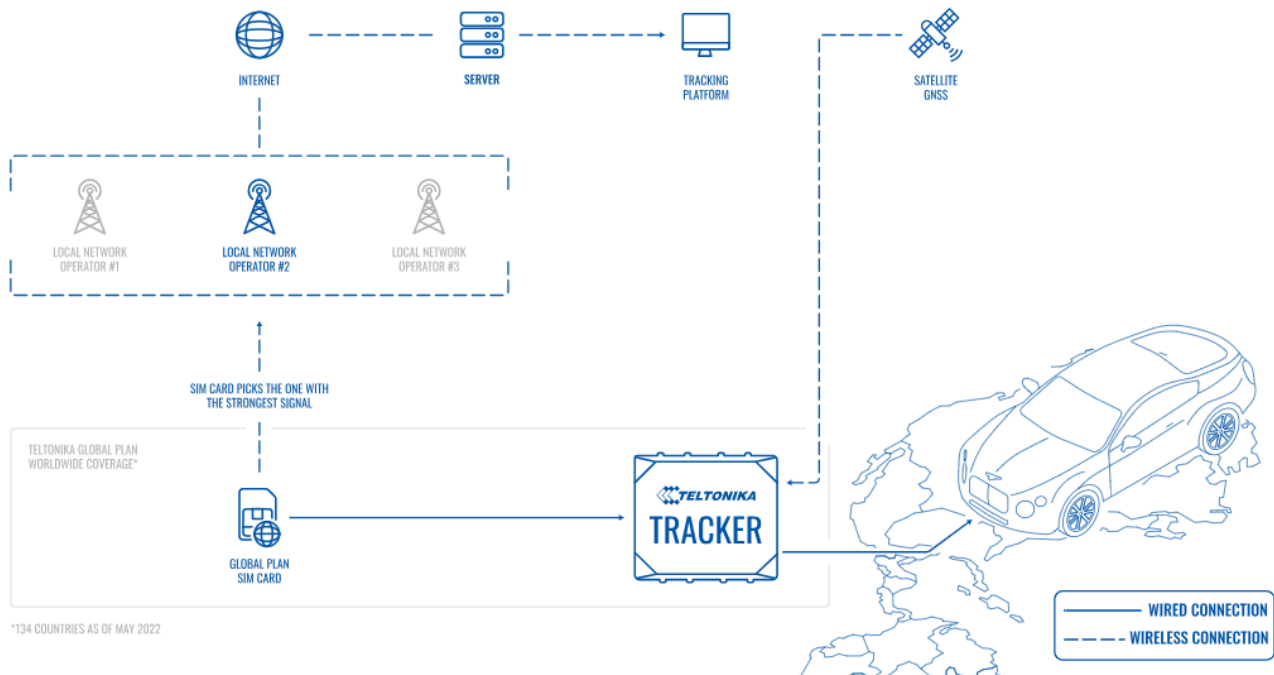
Solution description

Teltonika Global Connectivity Solution, which at least consists of a SIM card and an IoT Platform to manage it, is designed to connect GPS devices anywhere over a mobile network using the SIM card data plan. As a result, a GPS tracker with a SIM card and a global data plan can connect to the internet worldwide allowing it to manage its functions and information all the time. This ensures **constant communication**, **timely alerts**, and **relevant data transfer** to a dedicated server, and in our case, the most important thing – the **trip history details and coordinates** to recover the stolen vehicle.

Obviously, a GPS tracker must be available and connectable via a mobile network to locate the vehicle of interest. For connectivity, differently from regular local operator plans, we offer one of the most comprehensive Teltonika Global Plan, covering 134 countries and territories around the world as of October, 2023 with up to 3 major network operators available in each country. For that reason, a vehicle with a Teltonika GPS tracker and a Teltonika Global Plan can be located and recovered from the farthest country (obviously, if that country is on the **Global Plan coverage list**

What do you need for a solution?

- Any **FMx** device

- The **GLOBAL CONNECTIVITY SOLUTION SIM card** in order to get data to your server
- A server to retreive your data (For example: **Flespi platform**)

Configuration

1. Prerequisites:

1.1. Read through **First start guide**

2. Configuration of Global Connectivity Solution for Stolen Vehicle Recovery:

Parameter ID - Parameter name

- 2001 – APN
- 2002 – APN username (if there are no APN username, empty field should be left)
- 2003 – APN password (if there are no APN password, empty field should be left)

Server settings:

- 2004 – Domain
- 2005 – Port
- 2006 – Data sending protocol (0 – TCP, 1 – UDP)

After successful GPRS/SERVER settings configuration, device will **synchronize time** and **update records** to **the configured server**. Time intervals and default I/O elements can be changed by using [Teltonika Configurator](#) or [SMS parameters](#).

That's it! Now you will be able to see your location coordinates, timely alerts, and relevant data on a dedicated server.

Benefits

- **Track and recover stolen vehicles virtually anywhere** - as for now, Teltonika Global Plan supports connectivity in 134 countries worldwide.
- **Always the strongest signal possible** - with up to 3 network operators supported in each country, the SIM card picks the one with the strongest signal to maintain the best data rate available.
- **Network of your choice to suit business needs** - Teltonika wide range of vehicle GPS devices support 2G/ 3G/ 4G LTE generation broadband technologies.
- **Platform any type and size fleet** - a state-of-the-art IoT Platform for managing and monitoring all Teltonika SIM cards. As the platform is custom-built, there is room to modify it to suit any relevant operational requirements.
- **Improved revenue streams and reputation** - by successfully preventing car theft and recovering losses, telematics service providers and integrators can build a good reputation, gain a competitive edge and get more profitable projects.
- **All-in-one solution** - besides the wide choice of vehicle GPS trackers and accessories, Teltonika offers SIM cards, Global Plan, IoT Platform and first-rate customer support. Everything from a single source to ensure smooth business operations and the best value for money.