



Monitoring of convicts in Mexico

⚠ Challenge

Annually, Mexico spends about \$1 billion on prisoners. The occupancy rate of Mexican prisons is 97%, and in some states, this figure rises to 150-300%. In these conditions, there is a need to reduce the cost of the penal system by implementing home detention practice while maintaining round-the-clock control over convicts.

🔗 Solution

Lertek, the Gurtam partner GPS company from Mexico, proposed a solution for remote prisoners tracking to the authorities of Nuevo León state, with the following components included: **Wialon Hosting + Gosafe G737 (a home beacon, an ankle bracelet with an RFID tag, and LBS as secondary location source).**

- The convict receives an electronic tracker bracelet with an RFID tag.
- A stationary base is installed in the convict's home.
- The bracelet determines the location of the convict using GPS and communication service providers outside the house.
- The stationary base reads the RFID tag from the tracker and helps to understand that a person on home detention does not leave the specified territory.
- If the convict tries to remove or damage the bracelet, the system will immediately notify the controlling body.
- To track the convicts who are allowed to leave home for a certain distance, geofences are created in [GPS tracking platform](#) Wialon.

🏆 Results

The decision to transfer prisoners to home detention is all-embracing. Firstly, taxpayers are happy, as now a lot of their money will not go to the penitentiary system running. Secondly, in these conditions, the prisoners get a chance to quickly get back to regular life, since their imprisonment takes place in a safe environment.

✔ **24/7**

500 violators were under 24/7 control outside the prison.

✔ **0 break-outs**

Since the start of the program, no break-outs have been recorded.

✔ **Up to 70% of the budget**

That is how much the local authorities saved on the maintenance per convict.

Company profile

Country: Mexico


Industry: People management & safety

Website: lertek.com

Solutions

 Wialon

Hardware

 Gosafe G737

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