modeo live

Security on Tram & Metro

Problem

Since the start of humanity, people always used transportation methods at their current times opportunities. Due to this need, technological investments had always been made on the area of transportation. As a result, both transportation and security adapted to the area of technological improoevements.

As a result, benefits of technological improvements play a very critical role. For example, with the usage of IoT implemented sensors, area of security on transportation methods can be drastically increase such as tram and metro. Change is a matter of subject that results with challenges and difficulties whether it is good or bad. This is due to the nature of adapting to a new situation and needs time to adjust and adapt. In this context, Implementing IoT based security precautions can play an important role. In this purpose, we, as Modeo Family, present you our MOBIoT, which includes the properties promising optimized security on transportation methods.

Solution

MOBIoT [Multi Channel (5G/4G) Bonding IoT & Video Gateway (WhiteBox)]

IoT devices focus on gathering data as smooth and as much as possible. As a result, in many areas that needs constanly controlling and monitoring, IoT devices become a top prioritiy. In this context, with the recent innovations, to collect more effective data both in the values of quantity and quality, Artifical Intelligence usage also been combined with the IoT devices. For our product, MOBIoT, we also utilize Artifical Intelligence and 5G to support our users for them to have best potential experience.

MOBIoT IoT Gateway developed for multi GSM connections to create broadband for live video streaming and IoT sensors stable connectivity even when you are mobile. IP Dome Cameras, Body Worn Cameras and IoT sensors can connect 5G GSM Network with using 3+ GSM connection bonding.

EXECUTIVE SUMMARY

Short Summary

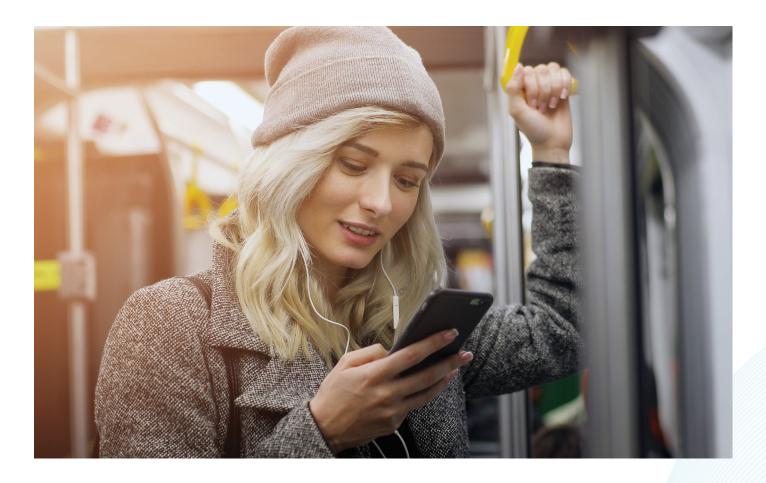**Sector** : Security Managment with IoT devices for metros and trams.

Glance

1. Increasing the usage of IoT tools on transportation methods.
2. Usage of A.I and IoT combined.
3. Effects of Iot devices with A.I on the security area

Solution

MOBIoT, a product that focusing data as smooth as possible to monitor situations such as transportation security.

1. 3+ Embedded 5G/4G GSM Modems
2. Additional 3 External 5G/4G GSM Modems
3. Multi GPS /GNSS
4. 4 Hours Battery Built-In Option

As stated above, with its IoT sensors specializes on agriculture, soil moisture, temperature and passive infrared (PIR) and addition of Artificial Intelligence, MOBIoT holds great potential in the area of agricultural monitoring.

Potential Case for MOBIoT

• You are a security manager at the Istanbul City Metro. Government demands that you increase the security precautions and management in the metro transportation method. As a result, you realize that currently ongoing security management and tracking systems can improve by technological improvements. As a result, to better detect and target potential risks in the transportation area, you realize there is a technology called IoT, which provides better connection and detection rate for potential threats. For this purpose, you come across the product of MOBIoT, which is an IoT devices focus on gathering data as smooth and as much as possible.

More detailed information about MOBIoT [Multi Channel (5G/4G) Bonding IoT & Video Gateway (WhiteBox)] and it specifications can be accessed by this link