



Monitoring Coca-Cola containers in Papua New Guinea

⚠ Challenge

[Coca-Cola Europacific Partners](#) (CCEP) distributes non-alcoholic beverages in Indonesia and Papua New Guinea. The company experienced some common issues typical for the region:

- It was complicated to keep track of containers as they were scattered all around the country.
- During transportation, products were not secure from theft, and trucks with containers were often subject to hijacking.
- It was hard for Coca-Cola Europacific Partners to plan trips. They didn't have data about container location and couldn't inform their customers, e.g., about delivery delays.
- The company had to pay detention and demurrage fees as they often didn't manage to return empty containers to shipping companies on time.

🔧 Solution

Our partner [MasterSystem Technologies Ltd](#), Papua New Guinea, provided a solution consisting of the [Wialon](#) monitoring platform, a custom dashboard for real-time container management, and GPS trackers.

- MasterSystem Technologies equipped containers with [Queclink GL505](#) and [Jointech JT704](#) trackers. The devices were disguised as container vent holes.
- A custom dashboard was developed. The dashboard pulls live data from Wialon and displays it for the CCEP to view.
- The client automatically receives reports on containers staying at the warehouse for too long, issues with trackers, the number of containers in transit or at the client's location, etc. It's also possible to see live reports with this information.

The client is planning to integrate the dashboard with Coca-Cola's accounting system.

🏆 Results

MasterSystem Technologies provided CCEP with a solution that allows them to track their containers, improve safety and the quality of services.

✅ Fewer charges

The client managed to cut down on detention and demurrage fees as now it's possible to track containers that have been in the warehouse for too long.

✅ Improved service quality

Now, it's possible to notify clients of the container's current status and location and inform them in case of delays.

✅ Safety

CCEP knows where all of the 500 containers are located and can find them in case they have been lost or stolen.

Company profile

🏆 **IoT project of the year nomination:** Long-haul shipping

Country: Papua New Guinea

Industry: Long-haul transportation

Solutions

 Wialon

Hardware

 Queclink GL505

 Jointech JT704

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