

ALEMETICS CASE STUDY



Introduction

Integrity, Efficiency, Reliability

The world's supply system relies on trucks. Road transport carries more than 80% of inland freight volume.

With large numbers of trucks crisscrossing the globe every day it is vital for fleet managers to know where their vehicles are, if the goods they're carrying are secure, and if their employees are driving safely and responsibly.

Vehicle tracking and logistics is a challenging task. When you add in remote locations, high-value cargo and cross-border transportation then it becomes even more complex.



The Application

Reliable vehicle tracking across Eastern and Central Africa

Based in Kenya, Alemetic Systems provides reliable, scalable and affordable vehicle tracking solutions to clients in corporate, government and individual roles.

Their advanced vehicle tracking and fleet management solution utilizes the power of GSM/GPS/GPRS technology to enable fleet owners to monitor, control, manage and secure their investments in real time.

The tracking device is installed in the vehicle by a qualified engineer and can be installed in a hidden place if desired. The GPS & GSM antennas are discretely positioned inside the vehicle compartments.

The tracking unit collects all the data about the vehicle's location and speed, as well as the status of vehicle movements. The vehicle information is sent to the server via GSM/GPRS.

Alemetic Systems use their extensive infrastructure and software interface to translate the information into a user-friendly format. Customers are able to log on to a secure web interface and check the location of the vehicle and its status in real time.





The requirement

Robust cross-border connectivity for high-value cargo

To achieve their vision of becoming the leading tracking company in the Eastern and Central African region Alemetic Systems need reliable, robust connectivity. Their customers need the devices to stay connected even as their vehicles traverse remote regions or areas with poor coverage. Pod Group's multi-network SIMs allow their customers to choose a personalized combination of over 600 networks in 185 countries, ensuring that devices stay connected.

Alemetic Systems' clients move their high-value cargo from the Democratic Republic of the Congo to ports in Walvis Bay, Durban, Beira, and Dar es Salaam. Their trucks travel through Zambia, Botswana, Namibia, Zimbabwe, South Africa, Mozambique, Tanzania, and Kenya.

As their clients' vehicles cross so many different countries Alemetic Systems needed a global roaming M2M SIM which could handle the possibility of passing through remote areas with poor connectivity.

"Handling stable fleet connectivity in these countries is not possible without a global SIM, because the local SIM suppliers cannot offer a competitive coverage for all the countries due to their roaming and taxes that vary," Luke Kerich, Technical Director at Alemetic Systems.



The Solution

Scalable international IoT connectivity with 24/7 support from IoT experts

Pod Group's M2M SIMs enable their customers' devices to stay connected across borders and even in areas of low coverage.

Pod Group's best signal, multi-network IoT SIM cards connect to the best signal available on start-up. If the SIM loses signal, it automatically connects to the next available network. This helps eliminate coverage issues on-the-move, for a truly resilient international roaming SIM.

Pod Group is an MVNO with agreements with over 600 networks in 185 countries. By giving Alemetic Systems access to multiple networks they are able to provide dependable, scalable cross-border IoT solutions.



As Luke Kerich, said: *"We use your SIM cards because our clients operate in the most remote areas and where network stability of one provider is not guaranteed. Our clients operate in copper and gold mines and traverse the jungle. To have visibility of the trucks carrying this high-value cargo requires an IoT SIM that can handle erratic network connections."*

"We needed global SIMs so we chose to work with Pod Group. Compared to all the other IoT M2M providers their technology and the power to manage our own SIMs is excellent. We are happy with their service," says Luke Kerich.

Alemetic Systems know they can rely on 24/7 expert IoT support from Pod Group to provide practical solutions to any problems that may arise.

"The support service at Pod Group is exemplary, issues are seen through to the end. It is first class in solving problems that might be faced by our clients."

As part of the telematics industry, Alemetic Systems has specific needs and pricing concerns which are particular to their sector. In the world of IoT, there is no 'one size fits all' solution. That's why Pod offers customizable packages tailored to individual businesses.

"The package offered by Pod Group compliments the nature of our business," says Dickens Opere, Operations Manager at Alemetic Systems.

Pod Group has 20 years experience of providing IoT and M2M connectivity services to the transport industry and a deep understanding of the specific needs of this sector.

