



GoMetro Powers Real-Time EV Fleet Intelligence with Commscloud and floLIVE

CASE STUDY





The Background

GoMetro, a South African-born telematics intelligence platform, is reshaping the future of electric commercial fleets with powerful real-time data solutions. With over a decade of experience across the UK, Africa, and the Middle East, GoMetro focuses on providing precision insights for electric buses, trucks, and next-gen commercial vehicles, where per-second visibility into battery performance, route efficiency, driver behavior and operational transparency is non-negotiable.

With global expansion plans spanning six countries and thousands of EVs, GoMetro turned to CommsCloud and floLIVE, the technology enabler underpinning CommsCloud's global IoT infrastructure, to provide the resilient, borderless IoT connectivity essential for mission-critical fleet operations.

Today, GoMetro has rolled out an ambitious electric bus estate in the UK, with plans to grow the number of vehicles by 3x globally over the next three years thanks to Commscloud's hands on onboarding, consulting and support and floLIVE technology. This massive scale, and the data volumes involved demanded a robust, flexible, and globally scalable connectivity solution.



Business Impact by Numbers

- **4 million+ data points per vehicle per day**
- **Potential for 5x the number of devices**
- **6 countries across multiple continents**

The Challenge: Scaling Real-Time EV Telematics Across Multiple Geographies

Electric buses aren't just vehicles: GoMetro needed a connectivity solution capable of processing over 4 million data points per vehicle per day, with real-time visibility into:

- Battery state of charge and thermal performance
- Driver behavior and safety event tracking
- Charging patterns, route adherence, and energy efficiency
- Predictive maintenance and operational risk alerts

These insights power preventative maintenance, safety compliance, and optimized charging schedules across fast-expanding fleets. Complicating matters, their vehicles operate across borders, from the UK to South Africa, and from Dubai to the Nordics.

To deliver on this use case GoMetro needed a connectivity partner that could support the intensive demands of real-time telematics at scale, understood their devices and their applications and could ensure coverage across multiple countries and continents. The business is expanding its footprint for two main use cases in 2025:

- An ambitious electric bus project in the UK, which would generate up to 4 million data points per vehicle per day, with requirements for low latency, per-second battery monitoring, driver behavior and safety event tracking and reliable coverage across a dynamic operational footprint.
- Real-time telematics for trucks in Africa, for vehicles which performed varied jobs and crossed borders regularly. As a result, connectivity needed to be seamless from South Africa, to Botswana to Mozambique and beyond.

"An electric bus takes hours to charge. If you get there in the morning and you switch the bus on and it's empty, your bus isn't moving for six hours. It's a significant operational change. So, if something's going wrong, you need to know that the night before. In fact, you need to know it in real-time."

Justin Coetzee, CEO, GoMetro



Goals for the partnership included:



Cross-Border Connectivity:

GoMetro wanted a connectivity solution that was reliable and had zero gaps, even as their assets moved across borders or ended up on different continents. The business was looking ahead to future use cases in Europe and Australasia, so global coverage and local back-up should be a key component of any solution



Risk Management and Operational Planning:

From predicting battery degradation and voltage spikes, to managing charging schedules, to planning routes and viewing driver behaviors such as braking, accelerating, and overall driving skills, to telemetry. GoMetro's platform needed to deliver actionable insights in real time. Insight into driver behavior for example would allow teams to target training to the right staff.



Flexible and Attractive Pricing for High-Data Volume Use Cases:

Emerging IoT applications in the EV environment have several use cases that require high data volume plans. Dashcams (enforced by regulations in certain regions), communications and tire pressure monitoring systems (TPMS) demanded connectivity packages optimized for large data volumes without prohibitive costs.



Ease of IoT Management:

GoMetro wanted a solution that just worked. "We should be able to upload data from the SIM, and manage the SIM, but not need to worry about the SIM," Francois Snyders, Head of IoT, GoMetro, said. "And if I go into different regions, and I'm saying, what I do for data here, what I do for prices, what I do for connectivity, that's a headache that shouldn't be a headache."

The Solution: A Global Platform with Local Performance

GoMetro turned to CommsCloud and floLIVE to deliver a connectivity solution that met their exacting needs, both technically and operationally for both their electric bus project in the UK, and cross-border connectivity in Africa and beyond.

The partnership provided:

Global, Low-Latency Coverage

Using floLIVE's global cloud-based core infrastructure, GoMetro could rely on packet gateways located in key regions. This supported them with existing business imperatives as well as with future expansion plans. From the U.S. to the UK and Australia, the business could ensure low latency, reduced costs, and high availability across geographies.

Multi-IMSI SIMs with Local Behavior

CommsCloud's Cloud Connect SIMs, powered by floLIVE, offered multi-IMSI capabilities, ideal for GoMetro's use cases crossing national borders, reliable backup in-country, and for regional deployments where local compliance and latency matter.

Real-Time Visibility and Control

The floLIVE connectivity management platform [CMP] enabled GoMetro to view SIM status, manage data plans, and access real-time diagnostics, all through a centralized interface. An upcoming API integration into floLIVE's CMP will further automate operations, from SIM related tasks (allowing bulk actions like SMS, grouping, and labeling of SIMs) to the daily operational management of billing, troubleshooting and reporting.

A True Partner at Every Step

CommsCloud played a proactive role, helping GoMetro on-board and fine-tune their devices, sync their devices with a geo-redundant SIM card, analyze and improve on firmware, and provide hands on ongoing support. Together the businesses are now exploring options for high-data volume use cases like edge AI cameras and real-time video.


"A low latency requirement was a very big requirement. Not just storing the data, but receiving the data in real time was critical. The low latency that we have experienced using the CommsCloud SIMs has been exceptional. The priorities that we required were low latency and ease of management, and it has both of them."

Francois Snyders, Head of IoT, GoMetro.



The Results – Smarter Fleets and Global Reach

By leveraging Commscloud's regional expertise, support and advice, and floLIVE's technology and infrastructure, GoMetro has achieved:

Scalable Global Expansion

Projecting the growth in the number of electric buses globally, including in Australasia, Canada, Europe, and South Africa, GoMetro can now expand worldwide with confidence.

High Fidelity Telematics Data

Real-time data from 30–50 parameters per message, per second, supports use cases like battery health, driver behavior, and route optimization.

Cost-Effective High Data Use

floLIVE eSIM and multi-IMSI capabilities and localized MNO relationships allowed for data-intensive applications like dashcams and Tire Pressure Monitoring Systems (TPMS) with tailored pricing models. GoMetro now has access to comprehensive coverage at an affordable price point.

Simplified Operations Across Regions

One SKU. One platform. One partner. GoMetro no longer needs to reconfigure devices or change providers across continents. "The ability to know that I can be carefree," Snyders said, "To be able to sit and place a SIM card inside a device and know this device is suitable to work in Namibia, Botswana, Mozambique, South Africa or Europe and Canada, it is really powerful."



"Having a partner that can give you enterprise level service and advice when you are a startup is invaluable. The difference is the passion and the focus and the support has been unwavering. It's a real launchpad for success."

Justin Coetzee, CEO, GoMetro



About floLIVE

floLIVE designed and developed an elastic, robust core cellular infrastructure that is the largest in the world. Through this powerful infrastructure, the company offers numerous services to mobile operators, IoT MVNOs and Global Enterprises seeking seamless, compliant, high performance, and regulatory compliant connectivity, anywhere in the world. With a global carrier library that is based on interconnected local core mobile networks, floLIVE ensures low latency, high performance, and full compliance with privacy acts, data regulations, and roaming restrictions. As of today, more than 20 mobile operators are on board the platform, giving companies multi-tier connectivity access. Through direct access to our network, customers can monitor their devices, access real-time network events and usage, switch operators remotely, and troubleshoot failures ahead of time, providing a seamless experience that keeps devices connected at all times. Through one integration, one SKU and one platform, customers have a world of connectivity and endless possibilities.

About Commscloud

Commscloud is a South African firm that provides innovative solutions to African organizations, streamlining the management of connectivity. We aim to simplify the management process by offering quality and up-to-date solutions that connect people, workplaces, and things. Our vendor-agnostic team focuses on delivering fit-for-purpose, cost-effective solutions aligned with our clients' needs. With over 25 years of experience in ICT & IoT optimization and SIM management, we ensure global connectivity everywhere. Our track record of success, saving clients an average of 30% on monthly costs, speaks to our commitment to building long-term partnerships and staying ahead of industry disruptions.



Let's connect

Get in touch to discuss how we can meet your IoT requirements. We're sure to surprise you.

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