

Rethink enterprise mobile connectivity with APN IoT technology

A complete solution for your business!

At a glance

A skills development & training organisation had no alternative connectivity for its learners, in their remote sites across the country. Ngombe, working with one of its tier one ISP partners, was able to provide an APN solution for 80+ learners across multiple sites nationally.

What is an APN

So, what is an APN? An Access Point Name (APN) allows device's network to connect to the internet. With the APN settings in place, your device builds a connection to a carrier's gateway. Part of this process involves the carrier using a defined APN network to choose the assigned IP address(s) and security settings where applicable. You can manually add an access point name to IoT devices by adding the network's information.



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CHALLENGES



Lack of connectivity alternative in multi sites across the country for 80+ students. Students were given laptops to be able to work-from-home, data usage on each Sim needed to be monitored in real time and be capped at specific levels. Pooled data had to be scalable month to month as the business requirements changed, needed an online platform to show real-time spend, do troubleshooting and get access to detailed reporting across the entire Sim base.

SOLUTIONS



- A managed private APN service, that enabled data usage monitoring in real time;
- View and manage individual Sim usage and troubleshooting information;
- Increase or decrease pooled data bundle sizes needed;
- Access real-time detailed reporting across your Sim base;
- Easily set up and manage custom radius/IP, firewalling and data routing options to control what access a Sim is allowed and where data is routed;



**Professional
Service**



**Managed
user**



**Deployment
speed**

OTHER CASE USE



1

Retail

To optimise their connectivity, retail chains can use Sims from two networks sharing one pooled data bundle, allowing them to allocate a certain amount of data to each store without worrying about individual Sims running out of data.

2

Fintech

Fintech companies using point-of-sale terminals can leverage enterprise connectivity to safeguard financial transactions and protect customer data. Managing a large deployment of single or dual-Sim point-of-sale devices can be challenging to administer and manage

3

Transportation, tracking and logistics

Enterprise IoT connectivity can help transportation companies track their vehicles and shipments in real time, optimise routes, reduce fuel costs and improve delivery times