



Community-driven initiative that provides affordable internet access across multiple hotspot locations in the city



About

CJ Innovate Enterprise Solutions Ltd (CJIES) is a technology service provider established in Juba, South Sudan, in 2020. They operate as a licensed ISP and enterprise solutions provider with activities spanning connectivity, software development, and digital infrastructure. Their headquarters are in Juba, where they currently operate CJIES City WiFi, a community-driven initiative that provides affordable internet access across multiple hotspot locations in the city.

Services provided



CJIES City WiFi

community WiFi hotspots providing pay-as-you-go internet



Connectivity Solutions

tailored internet access for homes and small businesses



Enterprise Services

SMS, USSD, and digital platforms to help businesses engage with their customers

Main focus is on residential neighborhoods, small businesses, students, and local organizations who need affordable and reliable internet access

Equipment

For CJIES City WiFi project, they find MikroTik routers and access points to be the most convenient equipment. They are affordable, reliable, and widely supported, making them suitable for community WiFi deployments. Combined with Powerlynx, they provide a simple and scalable setup that allows to manage multiple hotspots efficiently.

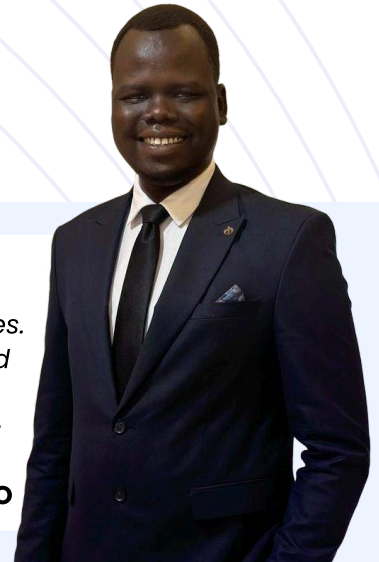


Challenges

- 01 **Manual user management**, which was time-consuming
- 02 **Limited control** over bandwidth and sessions
- 03 **Difficulty scaling hotspots** while keeping services affordable

“ Since implementing Powerlynx, we’ve noticed a significant reduction in the time and effort required to set up new hotspot sites. Previously, much of our work involved balancing both software and hardware challenges. Now, with Powerlynx handling the software side seamlessly, our focus has shifted almost entirely to civil works and hardware installation.

Mamuch John, CTO

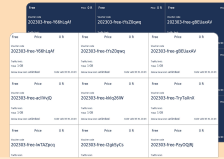


Wi-Fi Monetization

01 Branded Splash Pages



02 Paid Vouchers



03 Integration with MTN MoMo

for mobile payments



Why Powerlynx

1

Affordability

Powerlynx pricing is straightforward and affordable for CJ Innovate because it's based on active online users, not locations, access points, or features. All features and integrations are included, so a single price covers everything.

2

Scalability

Scalability for CJ Innovate is easy because the system can manage multiple hotspot sites from a single platform. New locations can be added quickly, and performance remains consistent as the network grows.

3

Ease of Management

Powerlynx provides centralized monitoring, automated user management, and easy billing, so CJ Innovate can manage all hotspots efficiently from one place.

4

Reliability

Powerlynx ensures stable and consistent internet access, so CJ Innovate can trust the network to perform smoothly for all users at all times.



Features

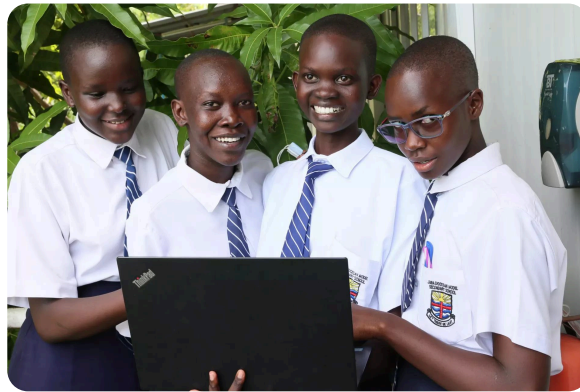
The key features that **keep the network reliable and easy to manage**, supporting City WiFi's mission to bring affordable connectivity to the community:

Summaries on key stats

Automated user management

Flexible billing options

Centralized monitoring



Together, these features allow CJIES City WiFi to deliver affordable, community-focused internet access while keeping operations efficient.

Mamuch John, CTO

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Before Powerlynx

- Manual user management was time-consuming
- Limited control over sessions and bandwidth
- Scaling hotspots was difficult and inefficient

With Powerlynx

- Automated user control and centralized monitoring
- Scalable management of multiple hotspots
- Flexible billing and improved operational efficiency