

Implementing Zero Trust in the 5G Network

At a glance

A leading telecom provider implemented zero trust on its 5G and 4G networks in 14 countries by deploying CyberArk, an enterprise grade privileged access management solution.

Key Highlights



Ensuring program management practices

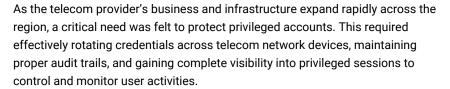


Conduct multiple customer workshops



Notching up quick wins to get stakeholder buy-in

Objective



Challenges

As one of Africa's largest telecom and mobile money service providers, the company faced challenges managing an extensive infrastructure and diverse devices. The primary issue was the lack of visibility and control over user activities and administrative credentials, complicating security management as the infrastructure grew.

Solutions

As an implementation strategy we adopted the following five-step process:



Understand current telecom environment and processes



Monitor privileged access, conduct Discovery and Analysis (DNA)



Implement the solutions and onboard all devices



Perform Pilot/UAT testing and user sign-off

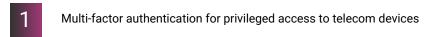


policy scans, SIEM log use scans

Technology Used

CyberArk solutions enforce enterprise policies, protecting critical business systems, and managing privileged account lifecycles across data centers. A key component, the master policy engine, enables comprehensive management of shared and privileged accounts.

Customer Benefits



- Monitoring and audit trails of administrator activities
- Rule and behavior based access control
- Automated password management

