

## About The Nairobi Hospital

The Nairobi Hospital first opened in 1954. It is known throughout East Africa for its medical expertise and services. With its 60+ years of quality care, this private hospital is its nation's top hospital with talented & trained faculty & staff working with them. It dreams to enhance its medical services to continue to provide the best healthcare services with growing departments and training schools.

<https://thenairobihosp.org/>

## The Nairobi Hospital with Ray

The Nairobi Hospital with so many specialised departments along with the recent Covid department created in collaboration with the United Nations (UN) needed seamless Wi-Fi connectivity along with security and privacy of both hospital staff and guest data.

## Requirements & Challenges

- The Nairobi Hospital wanted internet coverage across the hospital – all floors, all departments, all clinics, all rooms & offices, etc.
- Differentiated Internet for the Hospital staff comprising of doctors and nurses and their handheld devices vs. Internet provided to all embedded and IoT medical devices.
- Secure and easy internet onboarding for the guests visiting the hospital facility.
- Provide Internet & Intranet access only to Windows devices given to doctors in the Critical Care Ward – Covid Ward.
- Provide complete visibility of the full network along with deep insights to the IT Admins.
- Hospitals need to be active 24x7. In case of issues, provide immediate root cause analysis and issue solution.
- Ensure security and privacy of the patient data.

## Solution

- Ray provided cloud-managed Indoor Wireless Access Point – Vega. With no need of a controller install, the cloud managed Access Point was installed and made operational in a matter of minutes in the Covid ward.
- The isolation feature was enabled to ensure the differentiation between the Guest and the Hospital networks.
- A separate IOT network was created to provide internet to all the connected embedded devices on the hospital network.
- The Device Policies were enabled to ensure only whitelisted and pre-approved Windows devices are able to connect to the hospital staff network.
- A customized Voucher-based captive portal was created which provided both branding to the hospital and a smooth onboarding experience to the hospital guests.
- A Terms & Conditions tab provided compliance to all Privacy Laws along with 12 hours Internet with concurrency of 2 devices per voucher.

## Key Takeaways

- Ray Vega Indoor Wi-Fi access point provides coverage in all indoor places like the specialised department clinics, patients' rooms, waiting areas, etc.
- The critical care department's doctors received different wireless connection with the SSID access only on Windows devices.
- Ray's Content Policy filters inappropriate sites, ensuring legit data get better throughput.
- Ray's embedded security within its Access Points protects the network and filters data by filtering Malware, Ransomware and Spam.



## Testimonial

*As a modern hospital, we rely heavily on Internet and Intranet connectivity to deliver the best healthcare experience to our patients. While Ray with its robust Wi-Fi Access Points ensured consistent uptimes and great connectivity experience, the EYE software ensured the IT team can weed out issues before they occur. The embedded security in Ray ensures data security and privacy while the Enterprise policies ensure adherence to best practices. We recommend Ray Wi-Fi to all hospitals everywhere.*

**- The Nairobi Hospital, Kenya**

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