

CASE STUDY

ALJAMEA-TUS-SAIFIYAH



About Aljamea-tus-Saifiyah

The Aljamea-tus-Saifiyah university was established in 2011 in Nairobi, after its first two campuses – one in Surat, India and another in Karachi, Pakistan. One more campus in Mumbai, India is the latest one, established in 2013. It offers an 11-year course of study, divided into three phases of years and courses, focusing on specialization and advanced studies in Islamic and Arabic sciences. The purpose of this university is to provide young Dawoodi Bohra men and women an education based on the principles of Fatimi philosophy.

<https://jameasaifiyah.edu>

Aljamea-tus-Saifiyah with Ray

Aljamea-tus-Saifiyah has numerous students enrolling every year and studying for their 11-year long course. The place is a boarding plus an educational institute for these students where the need of internet cannot go unnoticed. They need good Wi-Fi connectivity in such a big campus, with a wide expanse. They are using Ray R6A-C as their indoor access point and R6A-O as their outdoor access point along with the advanced features of Ray that aid in superior internet experience.

Requirements

- › The Aljamea-tus-Saifiyah needed internet coverage for the campus that is spread over 12 acres, consisting of 18 buildings that is 900,000 ft square of carpet area.
- › The campus includes indoor and outdoor spaces along with residential areas for men & women for over 1000 students.
- › The Aljamea-tus-Saifiyah required the differentiation of the internet for the teaching staff, students, and guests of the campus.
- › The Aljamea-tus-Saifiyah has to allow secure access to parents to visit their children in the boarding place, guest lecturers, and visiting faculty teaching in the campus for a limited time.
- › Above all, security and privacy of the network had to be promised as the place is a student-centric place.





Solution

- › Ray provided cloud-managed Indoor Wireless Access Point, R6A – C and the Outdoor Wireless Access Point, R6A - O.
- › Ray's Enterprise bundle with all Enterprise features like its Captive Portal and Enterprise policies work in the client's favour.
- › For a better & customized internet experience, Ray created 3 groups: Teachers, Students and Guests with different policies for different age groups and criterion.
- › Ray created a Guest SSID with Voucher Captive Portal for the guests in the campus.

Key Takeaways

- › Ray R6A – O Outdoor Wi-Fi access point provides coverage all along the 'Radiant Axis', across covered walkways, corridors and bridges along with the gardens.
- › Ray R6A – C Indoor Wi-Fi access point provides coverage in all indoor places like the masjid, large ceremonial hall (Iwan), dining hall (Mawaid), kitchen, library, Mahad al-Zahra (Quranic institute), auditorium, classroom buildings, administrative and maintenance facilities, and the male & female residential areas.
- › The student's and teacher's first-time login are verified against the student database. The consequent login is done via the device's MAC address, without the hassle of remembering credentials to login.
- › Ray's Content Policy filter objectionable (inappropriate) content. E.g.: P2P, Porn, criminal sites, etc.
- › Limited internet and different speed limits are to be given to different people, which differ from whether you are a student or a teacher in that campus. So, Ray's Speed and Quota policies are assigned accordingly.
- › Guests and visiting faculties join the network post the BYOD approved by the IT admin.
- › Ray's embedded security protects the network by filtering Malware, Ransomware and Spam.



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