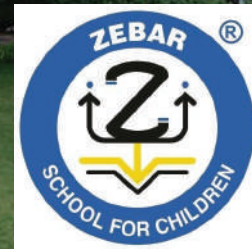# CASE STUDY
ZEBAR SCHOOL

About Zebar School

The Zebar School was founded in 2014. It is one of the best co-ed schools for children in Ahmedabad, ensuring achievement for every child's academic potential. Its vision is to provide qualitative education to students in the vicinity.
www.zebarschool.com
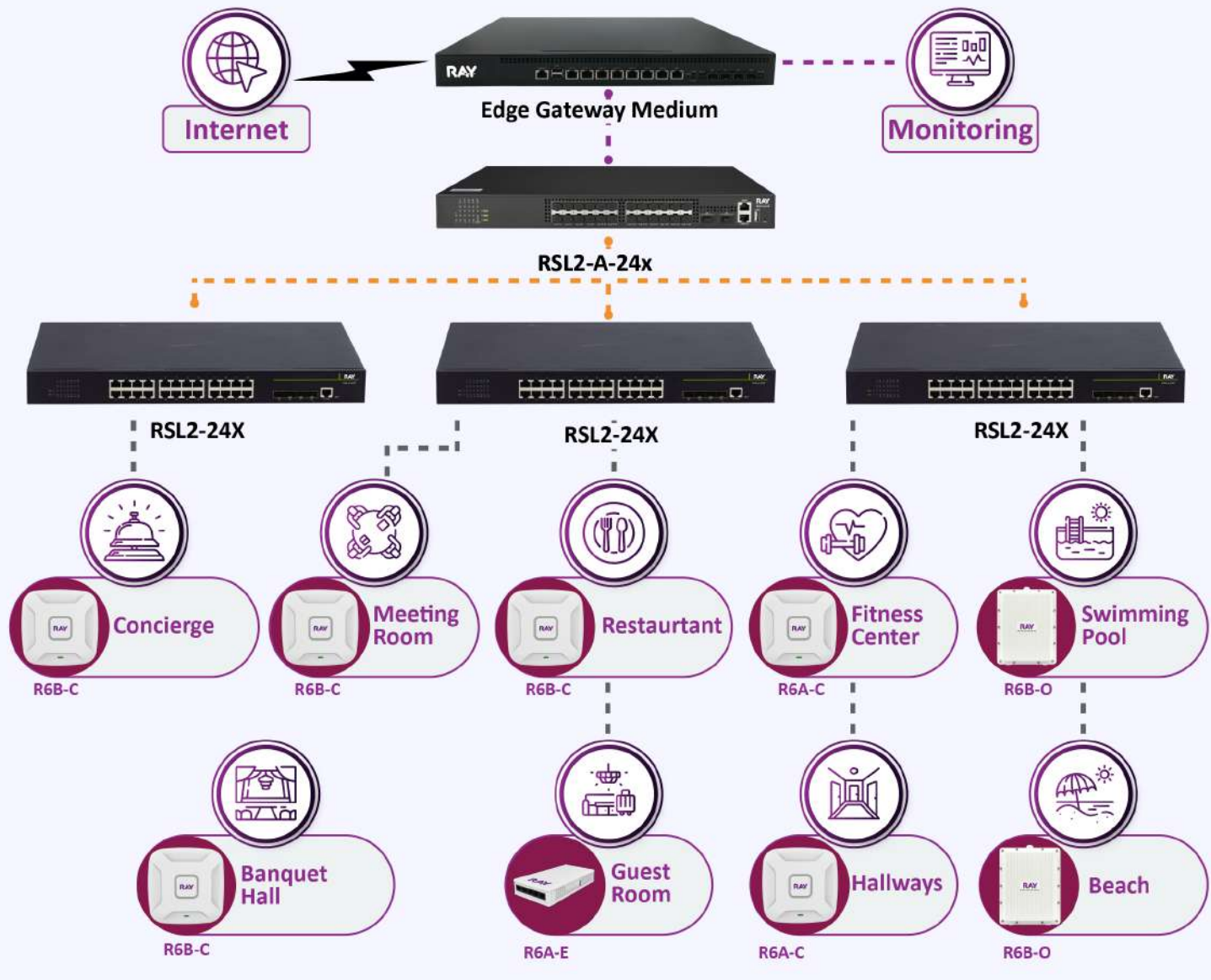
Zebar School with Ray

Zebar – one of the best co-ed schools in Ahmedabad has many students to be catered to with a good Wi-Fi experience. The campus is big, and students are spread across various departments and classes where the internet reach is a challenge.

Requirements

› The Zebar School is a remote school where students study from their homes via online sessions taught by teachers from the school. This required internet of a very high-quality, resulting in a superior experience for teachers and students alike.

› The Zebar School had to have internet services that its teachers could depend on for their online sessions. The virtual classes and performance based on those, decided each students' academic progression.

› Like many other schools, remote schools were a very new concept for the Zebar School as well. With everything else that a Wi-Fi offers, they also needed security of the best kinds for teachers & students' privacy to stay intact.

› They wanted Ray to provide them with HD plus smooth connectivity for the virtual sessions that are to be streamed Live via Google Meets.

› Above all, security and privacy of the network had to be promised.

RAY
Secure Networking

Hospitality Use Case : Architecture & Standard Deployment

Internet

Edge Gateway Medium

Monitoring

RSL2-A-24x

RSL2-24X

RSL2-24X

RSL2-24X

Concierge
R6B-C

Meeting Room
R6B-C

Restaurant
R6B-C

Fitness Center
R6A-C

Swimming Pool
R6B-O

Banquet Hall
R6B-C

Guest Room
R6A-E

Hallways
R6A-C

Beach
R6B-O

Ray Edge Gateway

Ray Edge Medium
Branch Gateway
› WAN/LAN
› 8x1G
› 4x1GSFP/10GSFP+
› Cellular
› USB Dongle Support for Cellular

Ray Switch

RSL2-A-24X
Cloud-managed
› L3 Switch
› 24 Port 10GbE (SFP+)
› 2 Port 40GbE (QSFP)
› Switching capacity: 640 Gbps
› Forwarding rate: 480 Mpps

RSL2-24X
Cloud-managed
› L2+ PoE Switches
› 24 Port 10/100/1000 Base-T
› 4 Port 100/1000 Base-SFP+
› 370 W PoE+ Power

Ray Access Point

R6A-C
› Wi-Fi 6 (802.11 AX)
› 1800 Mbps
› 2x2:2
› General Purpose
› Fits most Indoor Use Case

R6A-E
› Wi-Fi 6
› 1800 Mbps
› 2x2:2
› Wall Plate Form Factor
› Hospitality Use Cases

R6B-C
› Wi-Fi 6 (802.11 AX)
› 3600 Mbps
› 4x4:4
› High Density Use Case
› Ultra-High Performance

Solution

› Zebar School moved digitally during the time when the whole world was facing a pandemic. Ray cloud-managed access points were installed easily at specific locations within the school in no time. They were up & running in a matter of minutes.

› Ray provided cloud-managed indoor wireless access point – Vega. Using this access point, teachers could conduct online sessions with seamless Wi-Fi and no hindrances.

› With Ray Access Points' embedded security, teachers and students' data are safe & secure and online file & folder transfers are made faster & simpler.

› The teacher-student meetings were uninterrupted with Ray Vega Access Points.

Key Takeaways

› Ray Vega Indoor Wi-Fi Access Point provides coverage in all indoor places like classrooms, libraries, auditoriums, etc.
› Unwanted content like P2P, porn, criminal sites, etc. was filtered by Ray's Content Policy.
› Ray's embedded security aided in the protection of the network as it filters Malware, Ransomware and Spam.