

Cyberoam UTM – A Solution Providing Unceasing Internet Connectivity to Roedeian School



Case Study



Organization

Roedeian School

Country

South Africa, Africa

Industry/ Vertical

Education



The Roedeian School Challenge

Mr. Peter Walther, the IT Manager at the school said, “The failover feature provided by MS ISA server was not satisfactory. As a result, many a times we faced downtime for a long time, causing business loss.”

The network security issues faced were:

Unsteady Network

One of the major requirements of Mr. Walther was continuous Internet availability. The school used two ADSL, one Broadband and one Fibre link so that their network always remains up. Moreover, the MS ISA server which they used for failover was not up to the mark. Hence, if any of the links failed they had to juggle up manually to find the failed link and then configure it again to bring up the network. This resulted into huge amount of network downtime and the business suffered. Hence, multiple ISP links load balancing, and failover was a critical need.

The Cyberoam Solution

Roedeian School was in search of a solution that could provide them better failover ability. They found Cyberoam to be the one fulfilling their need and purchased One (1) CR200i appliance. They deployed it in Gateway Mode at Parktown, Johannesburg. The benefits noticed after deploying Cyberoam in the network are:

Firewall – Straining the Malicious Traffic and Securing the Network

Cyberoam's Checkmark and ICASA Certified Firewall, provides stateful and deep packet inspection for network based security. It thus strains out the school's network and protects it from DoS attacks, IP Spoofing and other network attacks. It also provides a Fusion technology that enables administrators to create policies for multiple features through a single interface. This simplified the administration of multiple appliances.

Mr. Walther said, “Cyberoam's Firewall assures us that all our sensitive data in the network is safe and no external threat can invade it.”

Corporate Profile

Roedeian School is a prominent all-girls' school. It was founded by Theresa Lawrence and Katherine Margaret Earle in the year 1903, as a sister school to the esteemed Roedeian in Brighton, England. Their mission was to provide young girls with the kind of education that would enable them to meet the challenges they faced during the struggle for gender equality.

Roedeian School requires Internet for providing information online, research, student learning and administrative purposes.

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Safe and Steady Network

Cyberoam's Multiple Link Management smartly distributes the Internet traffic between the four ISP links ensuring its optimal usage. It also enables Mr. Walther to assign weights to each of the ISP links such that only specific traffic passes through a particular link. Moreover, the Multi-Link Manager constantly keeps an eye on the behaviour of the links. If any of the links fail the load is transferred to the working link without any human intervention, leading to 100% Internet Uptime.

Mr. Walther said, "In our school multiple ISP links are load balanced assuring continuous connectivity". He further added, "Multi Link Management is one of the best features of Cyberoam providing excellent Internet availability".

Cyberoam's Multiple Link Management is one of the best features, providing excellent Internet availability.

To Conclude

Mr. Walther said, "Cyberoam provides us non-stop Internet connectivity with the help of which our network has become much stable. It has also helped us in delivering Return on Investment."



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