

Initiative on Unified Security

Unified security is the need of the hour for any organization having interconnected distributed offices. Just have a look on what the Siyaram's had done to protect themselves

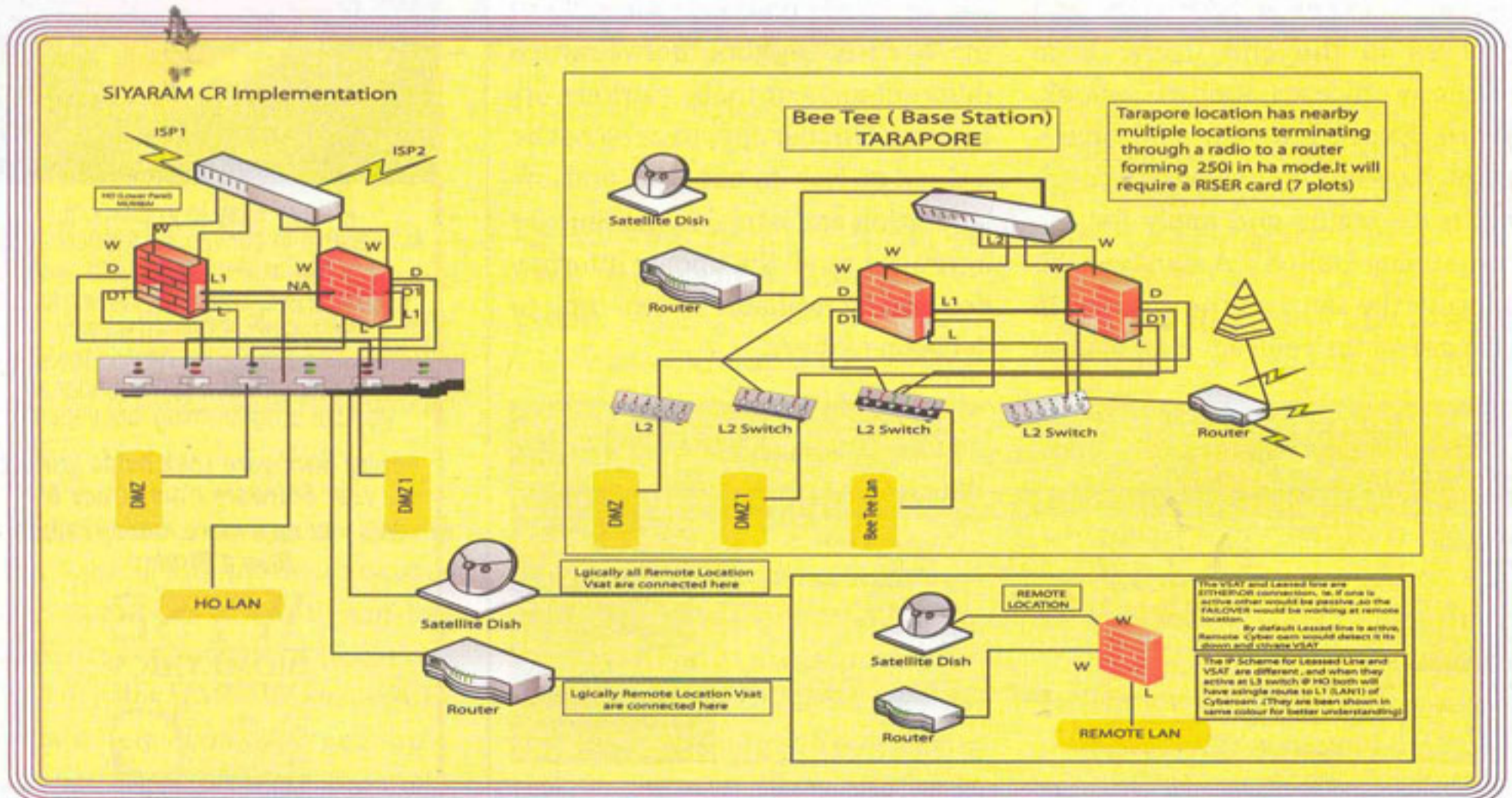
Anindya Roy

Siyaram's, the renowned garment manufacturer has an aggressive growth plan. And to support their rapid progress they decided to renovate their IT infrastructure to handle their present and future needs as well. Their focus was to computerize the whole organization, and provide a central repository of information and fast information exchange. To do so, a centralized setup that could handle security across the enterprise was required and the whole production and corporate infrastructure of Siyaram's extending across six different locations was the concern.

The enterprise needed a complete redundant network that can give 24X7 connectivity to all locations. All remote locations were connected to the head office through leased lines. A VSAT (Satellite) line provided backup to these leased lines. But, what if there is a network failure in remote locations? And what about security concerns?

For maintaining an organizational management of users and resources in a directory fashion the organization chose Microsoft's ADS. But to ensure security of all components a centralized security setup was required that could fight against viruses, spams, and malware; manage access rights based on identity through the ADS; and create logs that can be drilled down to the user level.

To solve all these problems Siyaram's zeroed-in Cyberoam's UTM devices. The prime reason for selecting Cyberoam over any other UTM device was the unique feature of seamless ADS integration of the appliance with existing Windows Domain system. This not only gives the organization better control over user privileges and bandwidth shaping based on users but also provides user level monitoring and reporting, which can tell who is using what over the network by username, instead of IP address.



A schematic representation of connectivity between Siyaram's branch & central office using Cyberoam's UTM appliances