

## MIRAJ ENTERTAINMENT LIMITED

**INDUSTRY:** Entertainment

**HEAD QUARTERED:** Mumbai

**PRODUCTS:** Next Generation Firewall  
GS 80nu and GS 20nu  
Enterprise Cloud at 25+ outlets



**Miraj cinemas significantly improves its performance with the help of Gajshield**

### BACKGROUND

Founded in the year 1987, Miraj Group has established itself as a big business empire with consolidation of various sectors. Miraj group's aim is to achieve excellence in all sectors by providing world class quality products and services in thorough professional manner. With their core value- "If there's passion in heart, nothing is impossible", team Miraj is committed to foster a culture of trust, openness and integrity to make working a stimulating and challenging experience for people.

### CHALLENGE

Miraj Cinemas were in requirement of a robust security solution that would help them with improving performance and responsiveness and reduce the down time. Being a cinema hall chain with 25+ outlets, all the online bookings for the theatres would take place through the Book my Show application. Team Miraj was looking out for a solution that would completely understand their means of operation, which would provide load balancing between their MPLS links without changing IP addresses of any MPLS routers, to cater to their needs and provide a security solution uniquely customized to increase their performance, consistency and significantly reduce the down time.

### SOLUTION

Miraj Cinemas had a primary MPLS link through which all the Book my Show transactions proceeded. Having a single MPLS link would stagnate all the transactions in case it failed.

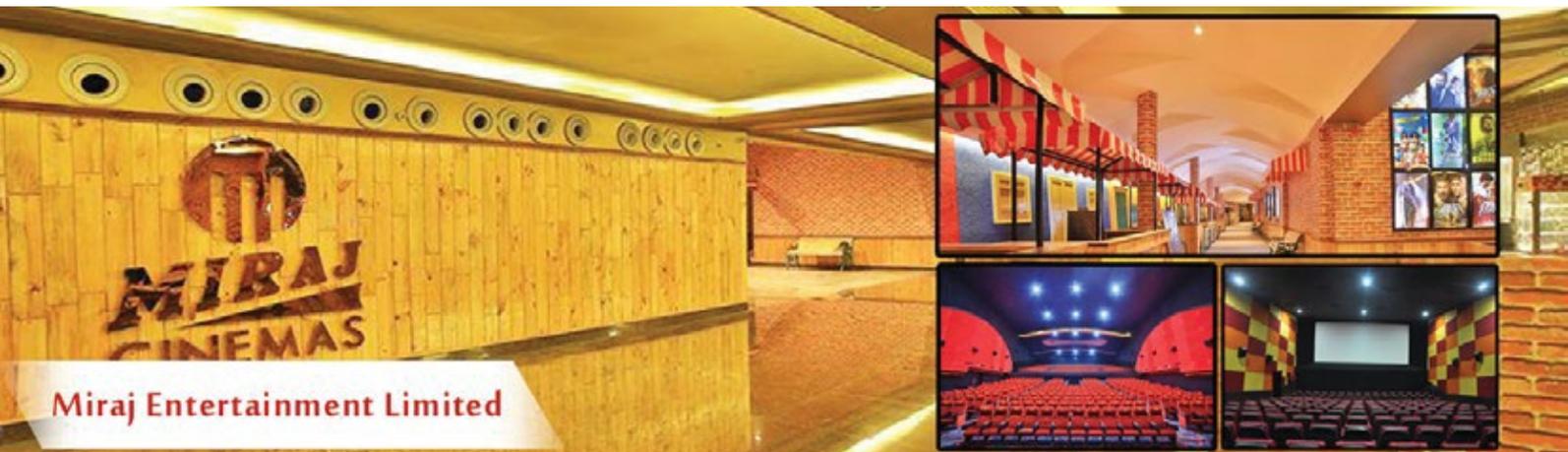
#### KEY CHALLENGES:

- Connecting 25+ outlets in a secure & cost effective manner
- Reduce the down time
- Increase performance consistency
- MPLS link implementation in bridge mode

#### KEY SOLUTIONS:

- Simultaneous failover and load balancing
- Load balancing based on weighted round robin distribution
- Automatic traffic fallback when failed MPLS link comes up
- Configured multiple ISP with WAN failover & load balancing
- Zone based failover
- Customized NAT failover

“Our problem was resolved very effectively with GajShield's next generation firewall solutions. We are very happy with the assistance that GajShield has provided us to implement this solution at all locations that helped us improve our network for the good.”  
Mr. Dhaval Mehta, Manager



As a result, it was imperative to incorporate a secondary MPLS link to which the traffic could be redirected to, in case there was a failure. Thus, an additional MPLS link was installed at Miraj Cinemas to solve this issue. It is important to understand that no MPLS link is fool proof and that all of them have planned or unplanned downtimes. Hence, multiple MPLS link support was facilitated with Adaptive MPLS link failover and load balancing.

Miraj Cinemas was on a lookout for a solution to terminate both their MPLS ISP's routers in bridge mode, i.e., without changing any IP address on MPLS ISPs routers. For this requirement, Miraj had evaluated, numerous products, however, none of them could provide Miraj with an appropriate solution for the same. GajShield came into picture and provided desired solution to fit Miraj's requirements.

We implemented GajShield's next generation firewall appliances installed at Miraj's data center operating in HA mode. WAN failover being the primary and utmost important requirement of the Miraj Cinemas, was also achieved by providing a robust solution for the same with the help of GajShield's next generation firewall appliance to deliver the best solution to Miraj Cinema's requirements. Moreover, GajShield was able to implement bridging based on interfaces instead of devices. This feature provided Miraj with an edge to terminate two MPLS links on GajShield device for redundancy and helped Miraj to avoid doing any configurational changes (i.e., without changing any IP address on MPLS ISPs router) on both the links. As a result of this, Miraj did not have to depend on MPLS links provider for configurational changes any longer.

GajShield's Adaptive WAN Failover feature was installed which continuously tests your internet connections and when one of them fails, entire network traffic is rerouted through the secondary ISP thus, improving uptime and avoiding any performance hindrance. GajShield also provided features like load balancing based on weighted round robin distribution, Automatic traffic fallback when failed MPLS link comes up, Zone based failover, customized NAT on failover and MPLS link failover and fall back notifications on email. These features helped Miraj Cinemas to improve their performance and uptime to a great extent.

## CONCLUSION

Miraj Cinemas were on a look out for a suitable solution to the downtime problem due to a single MPLS link since long. GajShield's next generation firewall appliances provided a robust solution intended to maximize the performance and uptime in an efficient manner. The officials at Miraj Cinemas were extremely happy with the solutions incorporated and Mr. Dhaval Mehta, Manager- Systems & IT expressed his satisfaction in kind words saying, "Failure of MPLS links impacting our businesses was a great concern to the Miraj Group. We tried to find solutions from other security solution providers as well, but they were unable to help us with the problem we were facing. Our problem was resolved very effectively with GajShield's next generation firewall solutions. We are very happy with the assistance that GajShield has provided us to implement this solution at all locations that helped us improve our network for the good."