

XRoads Networks

XROADS NETWORKS CASE STUDY

Bonzai Pipeline – Wireless Internet Service Provider

This customer is a fast growing WISP in northern Ohio. Bonzai primarily focuses on multi-tenant office buildings, schools, and local police / fire departments. Bonzai has also begun the deployment of VoIP solutions for business customers.

“XRoads Networks has delivered the right solution at the right price point. Specifically our multi-tenant customers can now be easily separated based on their bandwidth levels which enables the ability to provide network SLAs and guaranteed bandwidth for users that are willing to pay for it.”

XRoads Networks easily controls end-user bandwidth which allows Internet Service Providers to better manage their SLAs

About This Customer

This wireless service provider found that certain end-users would use up much of the available bandwidth and thus slow down the network for other users.

The Challenge

With new services coming online and the cost for adding additional bandwidth becoming more expensive, Bonzai needed a method to control end-user bandwidth and prioritize bandwidth based on application type.

The Solution

After looking at several different options, Bonzai selected the EdgeXL platform due to its extensive traffic shaping feature set along with its ability to easily load balance multiple WAN connections to deliver inexpensive bandwidth upgrades.

The EdgeXL was configured with a default catch all rule which limited all non-shaped traffic to 10Kbps, this assured that no unauthorized traffic could utilize the system. Then several bandwidth groups were created and each end-user was placed in the group which corresponded to their new monthly rates. Customers that paid more received more guaranteed bandwidth, while customers who paid less received less guaranteed bandwidth. Bonzai further created application rules which guaranteed priority for critical applications like VoIP.

Finally, Bonzai plans to connect a secondary discounted broadband link to the EdgeXL's WAN2 port and immediately increase the amount of outbound bandwidth available to end-users.

Project Overview

The Needs

Reduce network bandwidth spikes, eliminate high network session P2P traffic, prioritize VoIP applications and improve overall customer satisfaction.

The Solution

Deployment of the EdgeXL appliance.

The Results

Substantial reduction in customer complaints regarding “slow network” performance caused by bandwidth spikes. Reduced P2P traffic usage through session limiting and AutoFlow top user throttling.

“XRoads Networks helped us reduce unwanted bandwidth spikes, improved overall customer satisfaction and allowed us to easily deploy new VoIP applications, all while creating new revenue opportunities.”

Gregory Badger – President, Bonzai Internet