

# 300 location WAN network for a large Stock Broking company

Domain - Banking & Finance

## Tech Requirements

- ▶ VPN network spread across **300 locations**.

## Problem Statement

A large Broking company with 300 offices and over 500 trained employees wanted to build and manage a nationwide network for running real time business applications of online trading of NSE,BSE,MCX,NCDEX, voice and video-conferencing.

## The eROADS Advantage

- ▶ **QoS aware network** - running data, voice & video
- ▶ **24X7 Support**
- ▶ **Offsite NOC**
- ▶ **Single Interface for SLA Management**

## The Challenges

- 1. The locations mostly were in B&C class cities where the connectivity was not available by single provider.*
- 2. Various constraints of availability of last miles, terrace rights, budgets,etc were there.*
- 3.Considering that voice and video had to run along with real time business data, it was absolutely essential to build an infrastructure that was end-to-end QoS enabled with high resiliency for latency.*

## The Solution

- ▶ Connectivity options from Multiple providers were provided on various technologies like VSAT, Wireless,Leased Lines,etc
- ▶ Design and integration of converged Voice-Video-Data network
- ▶ Highly secure infrastructure to ensure data integrity
- ▶ 24X7 network health monitoring and management (onsite and offsite) through Network Operations center (NOC)
- ▶ Provisioning for end-to-end QoS to ensure good voice and video quality

Value Proposition	Key Benefits
Flexibility	<ul style="list-style-type: none"><li>▶ Backbone on which the company can build further value-added services.</li><li>▶ Highly rugged and scalable design catering to all 300 current locations, with adequate options for expansion.</li></ul>
Productivity Enhancements	<ul style="list-style-type: none"><li>▶ Consistent and predictable Application Response Time to end user</li><li>▶ Complete visibility into the network</li></ul>
Cost Savings	<ul style="list-style-type: none"><li>▶ Converged WAN, delivering cost benefits in terms of reduced communication &amp; travel expenses.Single Window Interface for handling multiple providers,connectivity.</li></ul>

# Customer's Connectivity Layout

