



NBHC (National Bulk Handling Corporation) Deploys the Zycoo CooVox for remote branch connectivity over DSL/Internet to reduce Month expenditure on VNP/MPLS/Lease line.

**Company Profile:** NBHC is India's leading provider of integrated commodity and collateral management services, recognized for its World-Class Solutions, trusted Risk Management practices, high levels of Governance processes and best-in-industry practices for Procurement, Handling, Storage and upkeep of collateral and agri-commodities across all prominent business and trade centres in India.

The world-class processes and services are a result of stringent and standardized best-practices that are followed by NBHC, making it the only such service provider in India to have three ISO accreditations and the prestigious membership of the UK-based GAFTA - which is regarded as the global benchmark for quality assaying of export-bound agri-produce.

NBHC has a proven track record of successfully managing assets worth Rs 78,000 crores for 51 banks as well as widest pan-India warehousing presence with more than 1500 warehouses across 59 cities and 23 states -- adding up to total of 3.2 million metric tonnes agri commodities under management. It has 42 functional QA labs and 200-plus mobile labs for quality testing of around 160 agri-commodities, as well as pest management services across 14 states.

**Existing Setup and Challenges:** Existing setup was already equipped with well running CISCO call Manager (3945) with Approximate 200 users. They had made some remote extensions/users over VPN/MPLS with for remote branches connectivity with many more VPN routers and CISCO phones. Now, the challenge starts when customer initiated for further expansion and CISCO partner came with huge investment including multiple Licenses and instruments for local as well as remote users.

**Solutions Proposed:** Zycoo CooVox is the only system which is in-built with all features with no Licence. "QSIG" is the only language which can be understand by any PBX over PRI. So we decided and proposed the "PRI trunking" in between the CooVOX and running CISCO call manager. In this way, we expand the user in the same scenario and give a best solution with all features and Licences free of cost.

We deployed our CooVox model U100 with 02 PRI module. There were 02 PRI module with CISCO call manager, So we consume one PRI of each boxes for this PRI Trunk concept and tie with Cross cable. Now, with simple call route management on both side, we succeeded with the call flow in between both PBXs.

Customer save his monthly expenditure on VPN/Lease line after eliminate them and start using the remote extensions concept of Zycoo COOVox for his all remote location over DSL/Broadband.

**Benefits:**

No Licencing cost so there is only one time investment on the hardware.

Save monthly expenditure on VPN/Lease line after eliminate them.

In Built Conference features force to stop extra huge cost on Third Party Conference Bridge.

Since it is cost effective so planning to purchase one more unit for Redundancy purpose.

Cocall, Call billing software, CooPanel and CTMS application admire them and they want to really utilize the resources with the efficient way which was a mile stone to get in the earlier setup.

### Rough Network Setup:

