

# Bombay Stock Exchange Improves Efficiency with TNS



Transaction Network Services (TNS) is one of the leading providers of connectivity solutions to the financial markets

## Background

The Bombay Stock Exchange (BSE) is one of the oldest stock exchanges in Asia, with over 4800 companies listed. Established in 1875 and fully electronic since 1995, the BSE considers the improvement of electronic trading an essential part of its growth strategy.

## Business Challenge

Access to BSE for trading and market data has been limited to participants who have set up their offices within India. Typically these offices were connected over leased lines. The BSE required managed connectivity for both major financial organisations in India and outside the country.

## Solution

BSE appointed TNS to provide access to trading functionality and market data information via its fully managed Secure Trading Extranet. TNS' Secure Trading Extranet connects over 1,500 financial community end-points, representing buy and sell-side institutions, market data and software vendors, exchanges and alternative trading venues. It boasts over 120 points of presence and provides services to customers across America, Europe and the Asia Pacific region, with its reach extending to many more.

Financial institutions using TNS' network can access a variety of mission critical trade related messages, data and applications, which support order routing, trade executions, direct market access and algorithmic trading.

## Outcome

Kalyan S. Bose, Head of Corporate Affairs at the Bombay Stock Exchange, said:

*The Asia Pacific region's trading capability is expanding rapidly and we're committed to establishing an efficient environment for trading. Electronic trading is playing a key part in shaping the way organisations transact, so by boosting our services with TNS' Secure Trading Extranet, we're not only improving practices for our existing members, but also laying the foundations for further growth.*



Transaction Network Services

# Why Choose TNS' Secure Trading Extranet?

The Transaction Network Services (TNS) Financial Services Division (FSD) is focused on providing buy- and sell-side companies with flexible, robust and secure electronic trading solutions. Our Secure Trading Extranet is the first choice for many of the worlds' financial institutions. Commercial banks, hedge funds, mutual funds, pension funds, broker dealers, and securities and commodities exchanges use us because:

- We offer a high **quality** service – as well as priding ourselves on our state-of-the-art technology, we also bring customer service and client relationships to the forefront of what we offer. With TNS our clients are not just another connection, we work with them to ensure they get everything they need from electronic trading to meet the heavy demands of the financial market.
- The **reliability** of our service – all points of presence are fully redundant and there is no single point of failure across the network. Client connections are maintained with back-up capabilities, leaving our customers with complete peace of mind.
- Our service is **secure** - billions of transactions are transported over the TNS network every year. Millions of records are exchanged daily about payments, customer details, stock figures and pricing information, all carried securely on our privately managed network.
- Connection **speed** – financial institutions are all looking for agility and responsiveness from their vendor. Our independence and flexibility enables us to have trading connections up and running in three days or less.
- Extranet **community** – our IP network services allow customers to access multiple financial services through a single network connection, thereby eliminating the need for multiple, costly, institution-to-institution leased line connections. This gives quick and easy access to a variety of different Exchanges, Market Data Vendors and Trading Applications, Multi Asset Classes including FIX.
- Low **latency network** – traders need mission critical data. The Secure Trading Extranet has been designed and is managed to ensure the highest levels of throughput to support Direct Market Access, Algorithmic Trading and Market Data Distribution.



*One Connection – A World of Opportunities*



For more information,  
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