

BSE BUILDS WORLD'S FASTEST TRADING SYSTEM

Succeeds with support from Red Hat Technical Account Manager



GEOGRAPHY

Mumbai, India

FINANCIAL SERVICES

SOFTWARE AND SERVICES

Red Hat® Enterprise Linux®

Red Hat Satellite

Red Hat Enterprise MRG
Realtime

Red Hat JBoss® Enterprise
Application Platform

Red Hat Consulting

Red Hat Technical
Account Manager

CHALLENGE

For two decades, BSE, formerly Bombay Stock Exchange Ltd., struggled to increase trading speeds and transactions with proprietary technologies. The Indian stock exchange could not innovate, and the high cost of upgrades made BSE's system economically inefficient.

SOLUTION

With help from a Red Hat Technical Account Manager (TAM), BSE built a faster and more robust stock trading system, using Red Hat open source technology for scalability and quicker transaction speeds. As the single point of contact between Red Hat and BSE, the TAM:

- Provides technical guidance.
- Solves complex problems and suggests best practices.
- Establishes process and structure and supports strategic planning.
- Facilitates multivendor collaboration.
- Assists with product migrations, moving BSE from Red Hat Enterprise Linux 6.3 to 7.

BENEFITS

- Expands trading volume from 10 million orders per day to 400 million per day
- Improves response time from 10 milliseconds to 6 microseconds—more than 1,000 times faster—making BSE the fastest stock exchange in the world¹
- Creates a standard operating environment
- Reduces total cost of ownership by 90%
- Builds confidence and reduces turnaround time with TAM technical expertise and guidance
- Streamlines delivery and resource allocation with TAM support

“Our Technical Account Manager is our single point of contact who manages all of the back-end communications with Red Hat. If we have any issues, we can connect directly with our TAM. Because our TAM understands our environment, we receive a fast response and our issues are resolved as quickly as possible.”

ANJAL DAVE, DEPUTY GENERAL MANAGER-IT, BSE LIMITED

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¹ <http://economictimes.indiatimes.com/markets/stocks/news/bse-becomes-worlds-fastest-stock-exchange-ashishkumar-chauhan/articleshow/49342664.cms>