

# BSE

"Forcepoint DLP has helped us gain much better visibility and control over our data, strengthening our overall security posture."

**Shiv Kumar Pandey**

Chief Information Security Officer, BSE



## Industry

Stock Exchange/Trading/ Financial Services

## Issue

Securing sensitive data against leakages

## Product

Forcepoint DLP



## ► Overview

Founded in 1875, BSE (formerly known as Bombay Stock Exchange Ltd.) has the unique distinction of being Asia's first stock exchange. Today, BSE provides an efficient and transparent market for trading in equity, currencies, debt instruments, derivatives and mutual funds. It also provides a host of other services to capital market participants, including risk management, clearing, settlement, market data services and education.

## ► Challenges

BSE ranks among India's most critical infrastructure, according to the National Critical Information Infrastructure Protection Centre. It houses highly sensitive, critical corporate and trading data belonging to over 5,500 corporate houses listed on the exchange. BSE must maintain the security and integrity of this sensitive data; one of their key responsibilities is to ensure stringent, around-the-clock monitoring in order to secure the data from any possible internal or external threats.

*"While we had invested in a solution to address these challenges, the existing controls were not sufficient to defend against advanced data theft mechanisms such as data exfiltration in the form of image and slow and low leakage." — Shiv Kumar Pandey, Chief Information Security Officer, BSE*

In an attempt to strengthen its security posture, BSE underwent a complete revamp of all its cybersecurity systems, opting to replace its existing security products with new, cutting-edge technology solutions, including for DLP, which is an integral part of BSE's overall security strategy. BSE wanted a comprehensive solution that covered endpoint, network and e-mail.



## Get in touch with us.

Learn how Forcepoint can protect you. Contact us at [forcepoint.com/contact](https://forcepoint.com/contact).

**Being a national critical infrastructure, data loss is a major concern for BSE. Forcepoint DLP has helped us gain much better visibility and control over our data, strengthening our overall security posture.**”

**SHIV KUMAR PANDEY**  
CISO, BSE

## ► Solution

After careful evaluation, BSE decided to implement Forcepoint DLP, in order to provide end-to-end coverage across the entire network, end point and email.

BSE found Forcepoint DLP to be built on new and more robust technology that provided both data leakage and user behavior analysis from a single solution. This feature, BSE realized, would help it move from a detection to prediction mechanism, critical in today's constantly evolving threat landscape.

Forcepoint DLP surpassed other DLP vendors because of it encompasses more than 1700 compliance, regulation and region policies, which would provide BSE with an easier deployment and, ultimately, faster ROI. It also provides Drip DLP functionality and advanced analytics through Incidence Risk Ranking (IRR) to reduce the problematically high number of false positives.

Forcepoint DLP also offered seamless integration with BSE's existing software and systems—including with O365—without any additional cost. Built-in OCR functionality and native encryption for USB were also provided at no additional cost.

*“Forcepoint's advanced DLP solution could meet our technical requirements. Their vision to integrate with their endpoint UEBA technology is also un-paralleled. Their advance features also help us derive more value and protect our network and users from advanced attacks.” — Pandey*

## ► Results

Through stringent monitoring, strengthened by a 24x7 support model with locally available TAC, Forcepoint DLP is helping BSE keep track of how and where data travels in and out of their organization.

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Being able to track data movement has helped BSE prevent any unauthorized access of data, both accidental and malicious. When a user tries to access and copy unauthorized data to an endpoint device (eg., pen drive, external storage drive, end user laptop), the system blocks the action and then sends an email or SMS alert to IT. If a user tries to send any unauthorized data over email, a similar alert is generated and necessary action is taken, plugging all possible data loss points – endpoint, network and email—and thwarting any possible security breach.

*“Tackling the human element within the overall security roadmap is critical for organizations in today's scenario. With their human-centric approach to security, Forcepoint DLP is helping us address this key piece of our security strategy.” — Pandey*

BSE enjoys the flexibility to operate from anywhere, using Forcepoint DLP's built-in incident workflow management to take action on DLP incidents without logging into the console. With Forcepoint DLP, BSE is able to truly protect against internal and external security threats in today's dynamically changing threat landscape.