

Monitor KPIs for active applications
and infrastructure with

Elastic Stack

CASE STUDY



About Client

A leading Indian
exchange



Industry

Capital Markets



Service

Data analytics

Business **Need**

The client was on the lookout for a solution to analyze and monitor key metrics for all active applications and infrastructure.

Business **Challenge**

The client is a leading Indian exchange that manages large transactions daily, requiring a massive infrastructure to handle all active business applications. The client faced multiple operational challenges considering size, speed, and infrastructure complexity for order matching,

clearance, and post-trade activities. They wanted to monitor applications, data centers, servers, and databases through a customized system while seamlessly plugging into a 24x7 operational system, which would send out alerts to detect failure incidents and preempt breakdowns.

Business **Solution**

To address the client's challenges, NSEIT's team of experts sprung into action and created a customized solution that featured advanced search analytics, playing a pivotal role in setting up the client-specified architecture. Powered by Elastic, our team devised infrastructure monitoring solutions that provided the following benefits:

- ▶ Unifying metrics, events, logs data, etc., from diverse resources such as a NetBackup VMWare, Nutanix, Oracle, etc., and storing at a single location
- ▶ Integration with diverse monitoring systems
- ▶ Alerts for failure detection incidents and breakdown preemption
- ▶ Determining historical data

Tech **Stack**



Business Impact



Analyzed millions of events, and documents per day

Indexed billions of documents



Detected problems instantaneously

Generated accurate SLAs and customized reports



100GB+ of data ingested daily from ~1000 servers and MS Windows machines

About NSEIT

NSEIT Limited is a digital native technology company that engineers world-class solutions to help our global customers accelerate their digital transformation journeys. Our key service pillars are Application Modernization, Business Transformation, Data Analytics, Infrastructure &

Cloud Services, and Cybersecurity, through which we create intuitive digital experiences and tangible business impact. For over two decades, our innate drive for excellence has made us the partner of choice for global organizations. At NSEIT, we fuel digital progress.

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