

# Case Study



## Application Infrastructure Monitoring for a leading Indian exchange

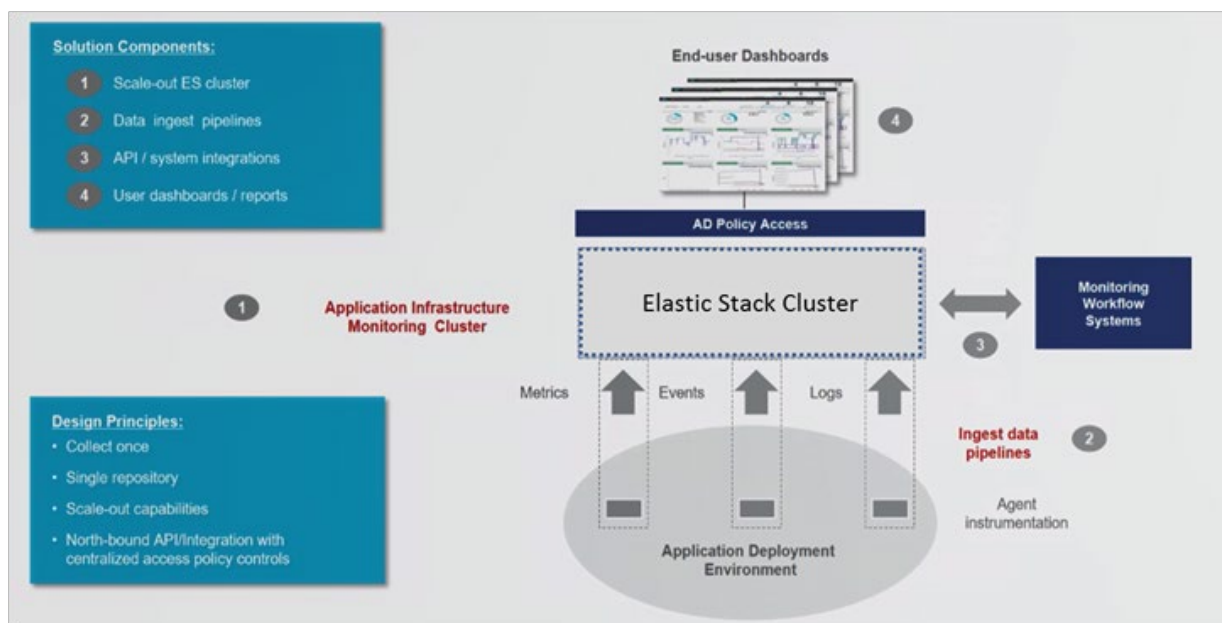
### Problem Statement

The client- A leading Indian Exchange- deals with humungous amount of transactions on a daily basis which requires a huge infrastructure of business applications. The Exchange faced several challenges because of its size, speed and complex infrastructure needed for order matching, clearing and post-trade. It needed a system that could monitor its applications, datacentres, servers, databases and would seamlessly plug into a 24\*7 running system.

### Solution Provided

NSEIT chose Elastic Stack as a solution as it realized that advanced search analytics would play a key role in setting up the kind of architecture the client needed. The solution was customized as per the unique requirements of customer

- Unify metrics, event, logs data from diverse sources including – Netbackup, VMWare, Nutanix, Oracle etc. and store at one place
- Integrate with other monitoring systems
- Alerting for detecting failure and preempting breakdowns
- Historical analysis



### Outcomes

- Analyzing 50 million events, 7.3 million documents per day
- 3.2 Billion documents indexed
- Instant problem detection
- Accurate SLAs and customized reports