

Contract Generation made easier **with automation**

CASE STUDY



About Client
Leading exchange



Industry
Capital Market



Service
Applications

Business **Need**

Drive operational efficiency and TAT with automated systems

Business **Challenge**

Our client - India's leading stock exchange was looking out for a solution to unify back office with clearing system, which led to dependency on the clearing processes. The system was due for an upgradation as it was initially developed using old technology stack, which in turn resulted into

delayed end of the day activities and led to higher turnaround around time. The client was looking for an experienced partner for swift up gradation of their system where they could meet the necessary business requirement.

Business **Solution**

NSEIT team worked closely with the client to understand their requirement in order to deliver the business ready solution. Our experts proposed a web based back-office system, which would elevate the operational issues faced by the Stock Exchange Business Users. The application was used for daily batch processing activities, with the configurable business rules as masters.

The proposed solution had real-time activity and status tracking, audit trails and navigation done via dashboard. The required data from other systems like closing prices, volatility, applicable rates, settlement prices etc. were fed into the system via loading files and the generated contracts, spread contracts, price bands and reports were written into fixed width files which later on were consumed by other interfacing system.

Tech **Stack**



Golang



Business **Impact**



30+ internal processes automated successfully

Error detection made easy with application stores and audit logs



40% reduction in cost

40% faster go to market strategy



Added **security layer** with role based access management

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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