

Case Study



Modernized e-Auction platform

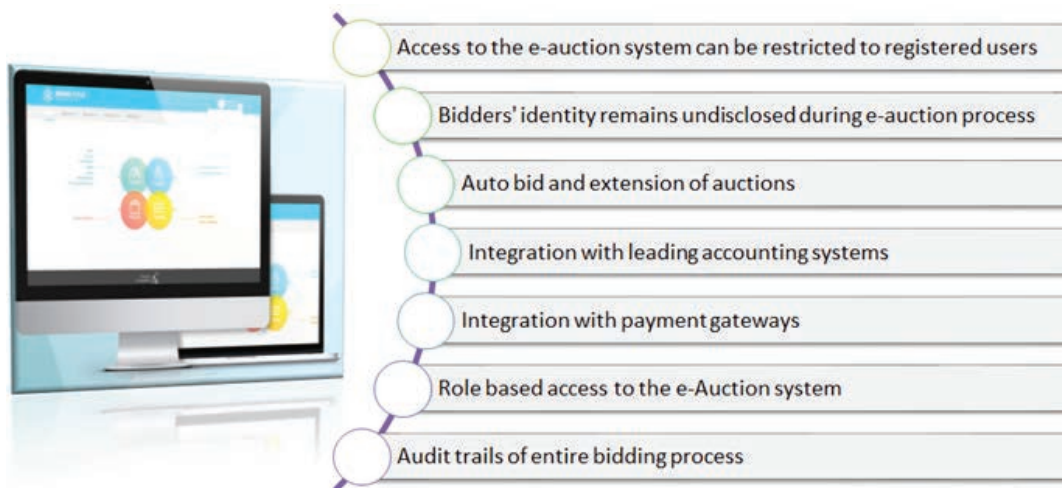
Problem Statement

An Indian multinational banking and financial service company wanted to build an online auction platform for one of their government account that approached the firm to implement solution to reduce its NPAs. Hence, the firm was looking for a vendor with prior experience and expertise in developing e-Auction systems. A next-gen solution was expected which would be responsive in nature, scalable and capable of handling huge transaction volume.

Solution Provided

After a thorough evaluation process, the firm selected NSEIT as a vendor to develop and maintain e-Auction platform for their client. NSEIT's innovative software architect team designed micro services based architecture with Two-way authentication, OWASP compliance and Log Analytics to ensure security. This solution was implemented with matching engine to establish robust fair price discovery mechanism and provide visibility across all stakeholders. The system architecture of the e-Auctions system was designed as a cloud ready solution (SaaS Model) for the firm to provide on demand cloud services for their client. NSEIT used 10+ years of e-Auction system maintenance expertise to ensure 99% system availability.

NSEIT delivered the service with following features:



Outcomes

- Ability to easily handle databases of size 100 GB
- Ability to manage participation of 150 bidders at a time
- 100% efficiency to manage more than 2.5 Lac transactions per day
- Automated management of processes with less than 10 milliseconds
- Volume size increased by 5000 users