P-A-S-S™ Consulting – 200% performance improvements and complete compliance in bank's RTGS batch processes

Challenge : Slow bank business processes causing efficiency and compliancy issues

A large bank was dealing with business impacting performance problems that were slowing down the daily inter-bank electronic settlements that should have happened in real time. Real Time Gross Settlement (RTGS) batch processes weren't completing in the stipulated time leading to compliance issues. The performance problems increased when the traffic load increased during month and quarter ends transactions.

Technology Stack:
Oracle Database, RTGS/NEFT middleware product

Results:

200%
increase in scalability and electronic batch processes completed within SLA limits

Avekshaa's Solution :

Avekshaa was asked help the bank improve platform scalability and performance so that the electronic transfer processes could be handled well within the defined time limits. The technology stack that was reviewed as part of the platform analysis was an Oracle database with a third party RTGS/NEFT middleware product.

Results :

Architectural changes leveraging parallel processing were identified to help increase hardware utilization and the throughput. The changes were accepted by the product vendor and the recommendations were implemented in their next release. This version showed a more than 200% increase in scalability and the electronic batch processes now completed well within the SLA-defined limits.