



NPCI SCALING RETAIL PAYMENT AND SETTLEMENT SYSTEMS USING ORACLE

Customer

NPCI – largest payment clearing house in India

Use Case

Oracle-based transaction reconciliation system

Challenges

Growth in digital transactions overwhelmed existing storage

Solution

Vexata VX-100F Scalable NVMe Flash Array

Results

- **Significant** reduction in transaction processing cost
- **5X** reduction in latency dramatically increased the number of transactions processed
- **Increased** transaction processing availability accelerated ROI

National Payment Corporation of India (NPCI) is the largest payment clearing house in India and has introduced futuristic innovations like UPI, with the goal to enable all Indians to go digital. This company handles over 300M transactions per year and is on the path to be the second largest financial organization in the world. They required storage that did not impact their customer’s experience as the size of transactions increased.

Extensive Growth in Transaction Rate Requires Change

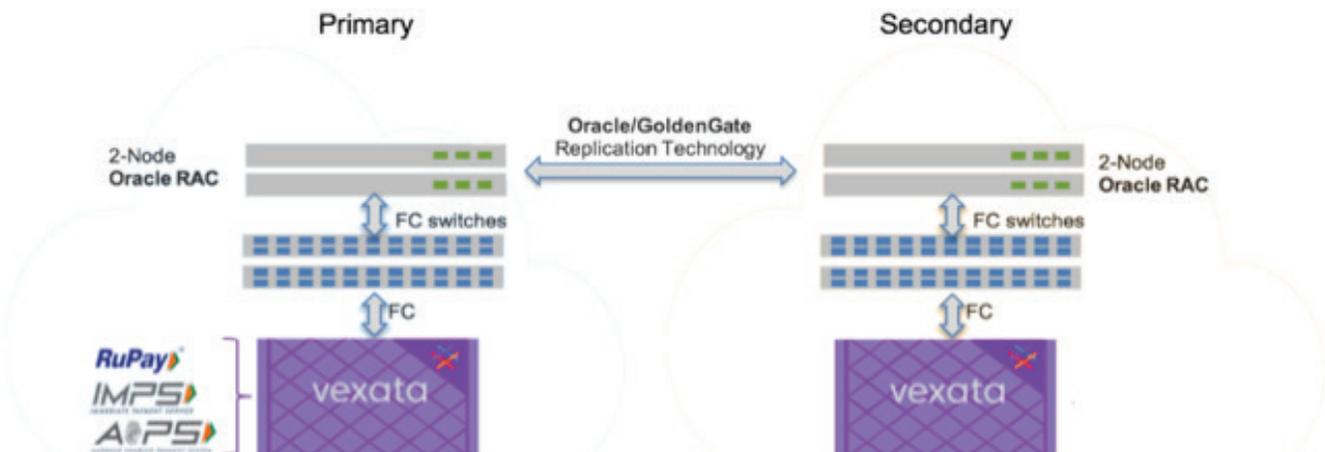
NPCI’s legacy all-flash array (AFA) did not scale performance as capacity increased, so the storage bottlenecked their Oracle server utilization and would impact the customer experience. NPCI needed storage that allowed them to scale Oracle users without having to purchase additional servers and licenses. They got a quote from their incumbent storage vendor that included new AFA storage and server hardware. The infrastructure quoted did not address their long-term growth plans, so the customer looked at Vexata.

Results

Vexata exceeded all of NPCI’s performance, scalability, and customer experience concerns with headroom for future needs. NPCI deployed a Vexata VX-100F Scalable NVMe Flash Array to complement their existing storage architecture. They found the Vexata solution was significantly **lower** in cost that their current vendor’s proposal and provided a **five-fold** performance boost that allowed NPCI to deploy more Oracle users on their existing servers with their existing Oracle licenses without impact to user experience.

After installing a Vexata VX-100F array, NPCI saw the following benefits:

- **Significant** reduction in transaction processing cost
- **5X** reduction in latency dramatically increased the number of transactions handled
- **Significant** transaction processing availability and accelerated ROI



About Vexata

Vexata, a StorCentric Company, was founded on the premise that every business is challenged to deliver cognitive, data intensive applications, Vexata delivers 10 performance AND efficiency improvements at a fraction of the cost of existing all flash storage solutions.

Vexata is now offered by Nexsan. sales@nexsan.com

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