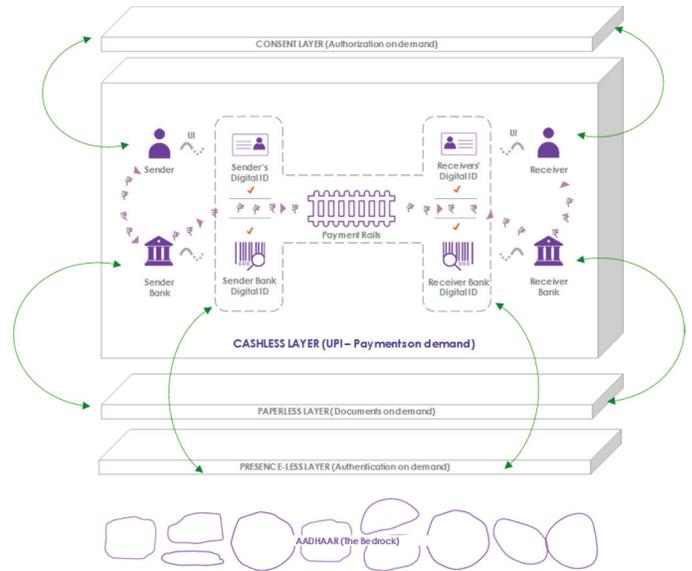# VEXATA FOR PAYMENT SYSTEMS

Digital payment is the new world's economy, resulting in the likes of cryptocurrencies, PayPal, mobile banking, Google Pay, Apple Pay, and others. Timely fulfillment requires massive data reconciliation in the backend.

Problem

Billions of transactions from multiple sources lengthen fulfillment operations. As an example, in India, UPI (Unified Payments Interface) was created to deal with the diverse set of transactions at the server level. But what about the storage, how is it scaled?

Answer

With Vexata. Vexata has built a transformative all-NVME storage solution that maximizes use of database, server, and network resources to accelerate payment operations. It supports applications that use Oracle, SQL Server, NoSQL, and other platforms, providing quicker time-to-insights and reduced costs.

Maximize payment system investment. Vexata is designed to provide linearly scalable low latency and high-performance. This results in accelerating payment operations for enterprise-class applications:

- Vexata has improved application performance by 3-10X for some of the world's largest financial organizations on their existing infrastructure.
- Vexata patented an architecture for accelerated storage so reconciliation is not waiting on I/O.

NPCI (National Payment Corporation of India), the largest payment clearing house in India with over 300M transactions per year, was seeing massive growth of mobile transactions. NPCI used Vexata to scale Oracle and saw the following benefits:

- **Significant** reduction in transaction processing cost
- **5X reduction** in latency dramatically increased the number of transactions handled
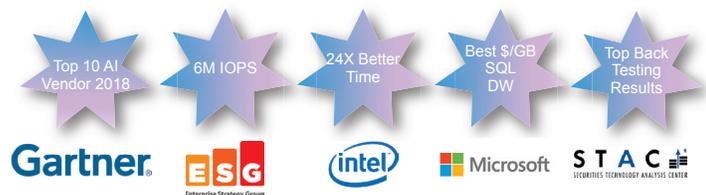- **Significant** transaction processing availability lowered TCO

A **top-30 US-based global bank** was dealing with a four-fold growth in digital transactions and turned to Vexata. They saw:

- **75%** lower fraud detection time
- **3X** better transaction processing time
- **75%** fewer servers needed for transaction processing reduces processing cost

Vexata transforms the way to deliver payment operations by accelerating processing across all of the structured and unstructured data. Vexata delivers 10X the performance for the same cost as leading storage.

ABOUT VEXATA: 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.