PayPal

intel

30X reduction

in the number of fraud transactions missed by improving SLA.[1]

8X reduction

in server footprint: from 1,024 servers down to 120.[1]

PayPal Solves Fraud Challenges with Aerospike® and Intel® Optane™ Persistent Memory

PayPal is the world's largest online money transfer, billing, and payments system. It owns the PayPal, Venmo, iZettle, Xoom, Braintree, and Paydiant brands. Using technology to make financial services and commerce more convenient, affordable, and secure, the PayPal platform empowers more than 325 million consumers and merchants in more than 200 markets to join and thrive in the global economy. But, like any banking service, PayPal faces fraud challenges. By adopting new Intel® technologies and Aerospike's real-time data platform, PayPal reduced the number of missed fraudulent transactions by 30X by improving Service Level Agreement (SLA) adherence to 99.95% up from 98.5%, while using a computing footprint 8X smaller than its previous infrastructure (1,024 servers down to 120), enabling an increase in the amount of data evaluated by 10X.[1]

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