



Narvar achieves **4x lower TCO** and **zero downtime** with YugabyteDB vs AWS DynamoDB & PostgreSQL RDS.



AT A GLANCE



Narvar is trusted by 650+ retailers and brands to deliver personalized, white-label experiences before and after a purchase.



Narvar was challenged with AWS databases becoming expensive at scale, while customers and data privacy regulations demanded a multi-cloud solution.



Narvar switched to YugabyteDB and achieved 4x lower TCO while gaining scale, performance and zero downtime in the process.

Narvar is a B2B SaaS company that enables retailers with the ability to deliver personalized customer experiences based on their own data.



Narvar combines all the disparate document and relational data a retailer has about a customer from various systems like order management, CRM, billing systems, fulfillment centers, warehouse management and even customer support calls. From this data Narvar creates a unified view of the customer and order for the retailer.

Narvar is trusted by more than 650 retailers and brands. Customers include Nike, Walmart, Gap, Crate & Barrel and more.

CHALLENGES

- Retail customers required a **multi-cloud solution**
- Skyrocketing **AWS DynamoDB costs**
- Challenging to scale on demand to **handle Black Friday and Cyber Monday volume**
- GDPR compliance** required a multi-region solution



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It was easy for our developers to get started with YugabyteDB using the distributed SQL APIs. YugabyteDB eliminated the need for a separate cache and multiple databases, allowing us to roll-out new features a lot quicker.



UDAY SHANMUGAM
Chief Architect, Narvar



RAM RAVICHANDRAN
CTO, Narvar

Yugabyte helped Narvar avoid cloud lock-in, stay GDPR compliant and save money in the process. Partnering with Yugabyte helps us focus on our customers instead of worrying if our systems can keep pace with our rapidly growing business.

YUGABYTE SOLUTION



Fully managed cluster



Three node, multi-AZ cluster



48 total cores and 6 TB of data

TECHNICAL RESULTS

10k+

reads per second

4k+

writes per second

< 2 MS

read latency

< 10 MS

write latency

BUSINESS RESULTS



4x lower TCO vs AWS DynamoDB and PostgreSQL RDS



Low variance in cost per query



Simplified operations



No service interruptions in traffic spikes



Ability to support multi-cloud per customer requests



Migration from AWS to GCP enabled by YugabyteDB

SEE MORE FROM NARVAR



SCALING MICROSERVICES AND DISTRIBUTED DATABASES IN A MULTI-CLOUD WORLD

Watch this video by Ram Ravichandran, CTO of Narvar, recorded at Distributed SQL Summit on Sept 20, 2019, to see how Yugabyte helped them achieve their goals.