

## CASE STUDY

### Use Case: **INTERNET OF THINGS**

## CHALLENGES

- Data from trucks and other sensors was growing very rapidly in volume and size.
- Existing document datastore could not effectively scale on demand, deliver low latencies, or tolerate node and zone failures without compromising data integrity.
- Adding shards and changing machine types on AWS required application downtime.

## SOLUTION

- Migration from a popular document data store to YugaByte DB Enterprise Edition deployed on AWS, across multiple availability zones.

## RESULTS

- Turvo's data infrastructure now scales to match the rapid growth of their business.
- Turvo can now reconfigure machines and rebalance data without application downtime.
- Turvo lowered their infrastructure costs by reducing the total footprint of their database operations.

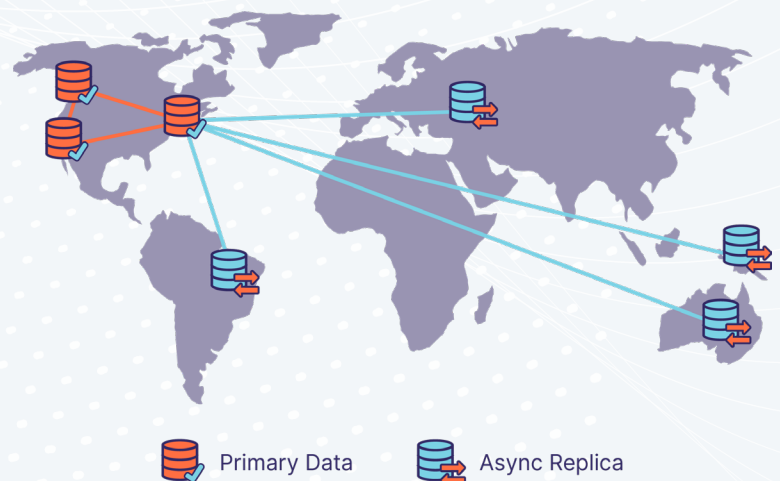
*YugaByte DB helps Turvo reduce costs, simplify operations and increase developer agility.*

*"Turvo is revolutionizing logistics with a collaborative and connected IoT platform to create the 'Internet of Shipping'. YugaByte DB gives us a highly available and transactional database that is capable of near-infinite scaling with low latencies."*



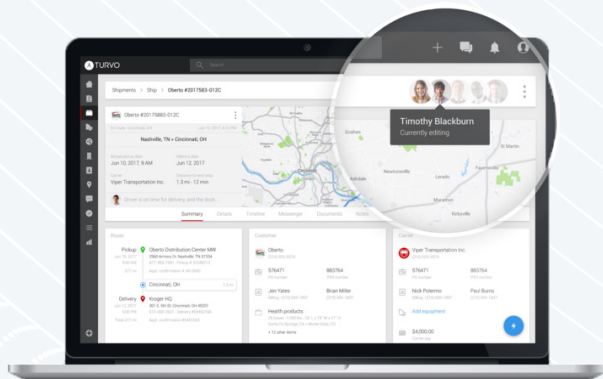
**SAI NAGBOTH**

CTO & Co-Founder, Turvo



### ABOUT TURVO

Turvo is the only real-time collaborative logistics platform that connects anyone, anywhere to move things. Turvo creates a smarter way for shippers, brokers, and carriers to seamlessly work together to get things done faster.



*"YugaByte helps Turvo scale our rapidly growing business while helping us lower our infrastructure costs, reduce operational complexity and make it easier for us to deliver new features to our customers."*

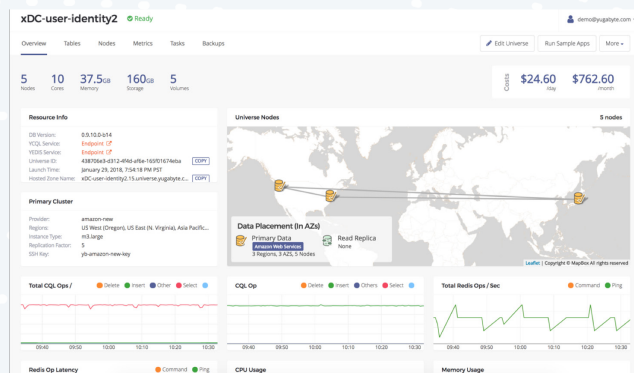


**ERIC GILMORE**  
CEO & Co-Founder, Turvo

### YUGABYTE DB ENTERPRISE EDITION

All the features of the open source YugaByte DB including global data distribution, ACID transactions and low latency, plus:

- Multi-cloud orchestration
- Read replicas
- Distributed backup and restore
- Tiered storage for hot and cold data



### ABOUT YUGABYTE

YugaByte is the company behind the open source YugaByte DB, a high-performance SQL database for building internet-scale, globally-distributed applications. Founded in 2016 by former Facebook and Oracle engineers, YugaByte is backed by Lightspeed Venture Partners and Dell Technologies Capital.

### CONTACT US

771 Vaqueros Ave  
Sunnyvale, CA 94085  
[sales@yugabyte.com](mailto:sales@yugabyte.com)