



A leading logistics powerhouse handling 1M+ shipments annually unlocked exponential growth with an 8.x upgrade.

7 TB

Data Migrated

1.x to 8.x

ES upgrade

60%

Cost Reduction

CLIENT

The client is a leading logistics company offering tech-driven supply chain solutions.

GEO: Dallas, Texas



**LOGISTICS &
TRANSPORTATION**

PROJECT CONTEXT

- The client wanted to migrate from self-hosted Elasticsearch 1.x to 8.x, as they were concerned about running outdated and unsecure versions of Elasticsearch.
- Additionally, their existing infrastructure struggled with scalability and performance issues, affecting real-time data processing and analytics.
- They also sought to reduce operational overhead by leveraging Elastic Cloud's managed services for easier maintenance and upgrades.

PROJECT OBJECTIVES

- Migrate to Elastic Cloud
- Upgrade from Elasticsearch 1.x to 8.x
- Ensure minimal changes to upstream and downstream systems

SOLUTION DELIVERY

- SquareShift engineered a smooth and efficient migration to the latest Elasticsearch version, upgrading from 1.x to 8.x .
- A parallel data migration strategy minimized disruption to operations, limiting downtime to a maximum of 3 hours.
- Data tiering to frozen storage delivered a substantial 60% reduction in storage costs.
- The upgrade process was carefully managed to ensure minimal impact on existing upstream and downstream systems.
- SquareShift provided thorough support and training to empower the team to effectively manage their new Elastic Cloud environment.

TECHNOLOGY STACK

