

Customer case study | SaaS & Technology

Travelgate

Keeping high-volume travel APIs available, responsive and resilient across clouds, providers and data centers.



INDUSTRY

**Travel
Technology**



ENVIRONMENT

**Multi-Cloud +
Dedicated
Infrastructure**



CAPABILITIES

**GLB + Automated
Failover**



OUTCOME

**Higher
Availability**

The Customer

Travelgate is an API Web Service aggregator for the travel industry. Its standardized API gives travel companies access to more than 600 providers across hotels, airlines, car rental, ferries, rail and other travel services. One connection reduces the need to integrate with each supplier independently and supports faster time to market.

The Challenge

Travelgate ran API infrastructure across Microsoft Azure, Google Cloud and dedicated data centers. Because those environments had different server capacities and could experience outages or maintenance, Travelgate needed automated failover and precise control over how much traffic each server received.

1. Availability across providers

Cloud and data-center outages or maintenance could interrupt bookings and API transactions.

2. Uneven server capacity

Cloud instances and dedicated servers could handle very different traffic volumes.

3. Automated traffic control

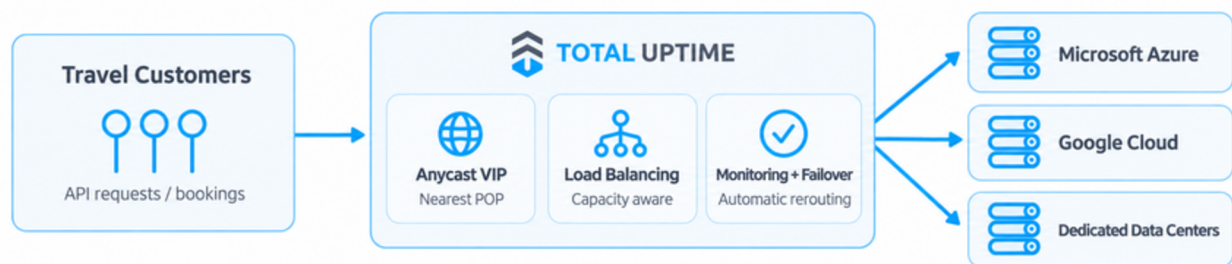
Failover and distribution needed to respond automatically as capacity and health changed.

5,000 API calls per second

Peak processing volume documented in the original TravelgateX deployment.

High availability and precise traffic control across clouds and data centers.

Travelgate needed more than a load balancer tied to one location or provider. Total Uptime provided a cloud-based application delivery layer that could distribute API traffic across cloud and dedicated infrastructure, monitor server health and capacity, and redirect traffic automatically when conditions changed.



✓ Precision Traffic Distribution

Weighting and per-port, per-server thresholds let Travelgate match connection volumes to the actual capacity of each server.

✓ Automated Monitoring & Failover

Servers can be removed from active load balancing when capacity is exceeded, an outage occurs or maintenance is required.

✓ Anycast-Based Routing

Cloud Virtual IP addresses route requests toward the nearest Total Uptime POP to reduce network distance and improve responsiveness.

✓ Layer 7 Application Delivery

Application-aware cloud load balancing and SSL acceleration provide the control and performance needed for high-volume APIs.

Increased Availability

Traffic can continue across alternative servers, locations and providers when infrastructure becomes unavailable.

Greater Traffic Control

Fine-grained weighting helps align traffic distribution with the real capacity of each server.

Lower Latency

Anycast routing sends requests toward the nearest POP to minimize network distance between users and API endpoints.

One application. Multiple clouds and data centers.
Traffic automatically directed where it can be served best.

[Talk to an engineer](#)