

# Transforming North America's Top Low-Cost Carrier with Advanced DevOps Solutions



80%

Business Coverage



75%

Improved Test Efficiency



97%

Reduce Time to Re-test

The client, a stalwart in the **aviation industry**, is renowned for its innovative approach and commitment to customer satisfaction. Established in **1967**, it has become synonymous with affordable air travel without sacrificing quality. The client is distinguished by its legendary **Hospitality and world-famous Culture**, placing People at the forefront of its operations. With a focus on no baggage fees and flexible booking options, it has endeared itself to millions of travelers worldwide.

# Challenges:

## Operational Efficiency Challenges for the Client

### ● Navigating Database Management Challenges

The intricacies of managing extensive databases amidst rapid expansion posed significant hurdles for the client, impacting operational efficiency and responsiveness. Manual database refreshes, consuming 5-6 hours daily, impeding timely decision-making and strategic planning, denting the airline's reputation for agility.

### ● Operational Efficiency Impairment

Manual database management practices resulted in operational delays, hindering critical tasks like data analysis and report creation. These inefficiencies posed a threat to the client's image as a reliable and efficient service provider, eroding customer confidence and satisfaction.

### ● Data Inconsistencies and Reliability Concerns

Outdated data migration methods led to data inconsistencies, complicating tracking and analysis processes. This raised doubts about the accuracy and reliability of the client's data management practices, casting shadows on its reputation for precision and trustworthiness.

### ● Cloud Migration Challenges

Transitioning data from on-premise systems to the cloud presented hurdles for the client, vital for seamless integration services. The complexities involved in this migration process risked disrupting operations and undermining the airline's reputation for technological adaptability and innovation.

# Solutions:

## Automation Solutions for Operational Excellence by QualiZeal

### → Streamlined Development Workflow

QualiZeal's integration of Jenkins into the client's workflow facilitated the smooth installation of CI/CD pipelines, enhancing control over batch operations. This enhancement optimized development processes, showcasing the client as a forward-thinking organization committed to efficiency and innovation.

### → Enhanced Data Management Practices

Regular database refreshes and Import-Export Jobs, supported by frequent backups, ensured data consistency and reliability. This meticulous approach to data maintenance bolstered the client's reputation for precision and dependability, instilling confidence among customers and stakeholders alike.

### → Operational Efficiency Through Automation

By integrating Python scripts and utilizing CHEF for automated deployment, QualiZeal enabled the client to streamline workflows and minimize manual tasks. This automation not only boosted operational efficiency but also positioned the client as a leader in leveraging technology to drive business excellence and customer satisfaction.

### → Reliable Testing and Deployment Practices

QualiZeal's implementation of automated validations, timed database refreshes, and comprehensive deployments ensured error-free releases and minimized operational disruptions. This commitment to thorough testing and seamless deployment underscored the client's reputation for reliability and excellence in service delivery, enhancing its standing as a trusted industry leader.

# About



QualiZeal is North America's fastest-growing independent digital quality engineering services company. With a diverse portfolio of digital transformation services encompassing Quality Engineering, Digital Engineering, Advisory and Transformation, and Emerging Technology Testing, QualiZeal empowers organizations of all sizes globally to achieve quality excellence and sustainable market leadership. With a headcount of 750+ elite software quality engineers and trusted by 50+ global enterprises over 200+ projects across 12+ industries, QualiZeal is widely recognized for its pioneering innovation and industry-leading client and employee Net Promoter Scores (NPS).

QualiZeal has been acknowledged as the Fastest Growing Digital Quality Engineering Services Company in North America at the 2022 Global Choice Awards. We have been recognized as a Major Contender in Everest Group's Specialist and Next-Generation QE Services PEAK® Matrix 2023 reports and as a notable provider in Forrester's Continuous Automation and Testing (CAT) Services Landscape Report (Q4 2023).



[www.qualizeal.com](http://www.qualizeal.com)

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**USA Address - 9901Valley Ranch Pkwy, Suite 2037, Irving, Texas 75063**