

Qantas Expands DevOps Efforts with AutoRABIT's CI/CD Automation



Case Study Summary

Qantas drastically expanded operations, but had difficulties scaling growth alongside its needs—both technologically and culturally. AutoRABIT's CI/CD automation provided the support Qantas needed to grow its Salesforce environment and the tools team members needed to streamline development processes. This resulted in an optimized deployment schedule without the problematic surprises that made the team's work more difficult, time consuming, and costly.

Company Overview

Qantas is Australia's most popular airline. It was originally founded in the Queensland outback in 1920 and has grown to be the largest domestic and international airline in Australia. The Qantas Group encompasses two complementary brands—Qantas and Jetstar. Their services include regional, domestic, and international travel for passengers as well as freight.

The Challenge

Another thing was we were teaching devs to kind of ignore a lot of scan results because there was always a lot of noise. Now we're being really careful with their attention, so it's slowly creating this habit in them of , hey, if you see something, do something."

-HealthCorp Director of Application Security

Qantas struggled with lengthy, problematic deployments and an inability to scale its approach to match its needs.



RAPID EXPANSION OF USERS

Qantas experienced a dramatic increase in Salesforce users over the course of two years—from 430 to more than 1,400 users.



TIME-CONSUMING CODE MIGRATIONS

The development team was so busy moving code for various project teams that the members couldn't focus on their core duties—developing and enhancing the platform.



OUTDATED CODE CHANGE PROCESSES

After five years, Qantas' code change and improvement processes were largely unchanged.



CLUNKY DEPLOYMENT PROCESSES

The DevOps team was forced to manually prioritize deployments to maintain visibility, search their code line by line for defects, and test locally before pushing projects to production.

AutoRABIT's Solutions

"The AutoRABIT platform gave us some features and a framework to start introducing some CI/CD processes or some best practices, and more automation than what we had in the past."

-HealthCorp Director of Application Security

AutoRABIT helped Qantas address its technological and cultural challenges by facilitating a new approach to Salesforce DevOps through automation.



AUTOMATED TESTING FOR CODE CLASHES

Coding mistakes were identified days before deployments so developers had plenty of time to ensure updates were stable.



BENCHMARKING METHODOLOGY

AutoRABIT empowered Qantas to change its approach in a way that created a better working experience for the team by measuring successes and making adjustments.



DEPLOYMENT AUTOMATION

Continuous integration processes were enabled through AutoRABIT's deployment automation tools.

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The Results

"We want to do things more efficiently: continue to automate more, and do more things through CI jobs so that we free our people up."

-HealthCorp Director of Application Security

AutoRABIT's automated CI/CD solutions have helped Qantas institute a regular deployment schedule—making processes more predictable and less stressful for team members.



STREAMLINED DEPLOYMENTS

Catching coding errors early in the development pipeline meant Qantas could quickly and confidently deploy code changes.



IMPROVED RELEASE VELOCITY

Deployments that previously took 8-10 hours were able to be performed within 2-3 hours.



INCREASED PRODUCTIVITY

Now that DevOps teams weren't bogged down with lengthy, problematic deployments, they were able to focus on strategy and how to enhance their platform.