

DuploCloud x Tyfone

Tyfone cut provisioning time by 60% and reclaimed 30–40% of DevOps capacity after 42 successful customer environment migrations.

"100% of our team is now involved in AWS and comfortable working on different areas. I have an engineer who had no clue about cloud networking and now he's become the main point of contact doing all the AWS networking setup—because he was working with the DuploCloud experts."

Danh Huynh,
Director of DevOps & SRE, Tyfone

Overview

Tyfone is a fintech company that provides digital banking solutions to community banks and credit unions across the United States.

With their customer growth accelerating, their legacy infrastructure couldn't keep pace. Rapid growth had exposed two critical limitations of Tyfone's Rackspace-hosted infrastructure: the platform couldn't scale fast enough, and maintaining SOC 2, PCI, and Visa payment network partner compliance was becoming increasingly difficult on their aging systems.

While migrating to a more established CSP like AWS would solve their tech-specific challenges, their DevOps team was almost exclusively versed in Rackspace with little exposure to other providers. Rather than hire and onboard an entirely new cloud team, Tyfone chose DuploCloud to help bridge the skill gap and support their existing team throughout the process.

DuploCloud's pre-built compliance frameworks and embedded engineering support offered what standalone consultants or an internal build couldn't: speed to value without the ramp-up risk. They also had to preserve HIPAA compliance during the move and avoid any gaps that might endanger their HITRUST certification.

Challenges

Basic patching blocked

Tyfone's legacy app architecture made standard patching impossible on Rackspace, directly threatening SOC 2, PCI, and Visa compliance

Infrastructure couldn't scale fast enough

New environments required manual, machine-by-machine setup taking at least a week per environment

Modernization was stalling

By remaining on Rackspace, Tyfone ran the risk of falling further behind on CI/CD, cloud-native tooling, and architecture

Solution

Tyfone chose DuploCloud for its combination of hands-on DevSecOps expertise and a platform with compliance built in from day one.

Rather than spending months constructing an AWS security posture from scratch, Tyfone built on DuploCloud's pre-configured frameworks and moved straight into migration work. DuploCloud designed the cloud architecture, managed CI/CD pipeline migrations, and worked as an extension of Tyfone's internal team throughout.

Well experienced with complex, multi-phase cloud migrations, DuploCloud helped Tyfone navigate the transition from a legacy Rackspace environment to AWS across 42 customer environments without disrupting uptime or compliance along the way.

Phase 1 - 2024

[Focus] Compute migration

Canary rollout with parallel database replication; customers moved incrementally with rollback capability

Phase 2 - 2025

[Focus] Networking migration

Centralized cloud network design covering VPN configs, IP allowlisting, and vendor integrations in a single auditable architecture

Parallel

[Focus] Tooling migration

CI/CD pipelines, build agents, artifact storage, and security scanning moved from Rackspace to AWS and GitHub

"A lot of the security had already been taken care of. We were able to build on the pre-work DuploCloud had done without reinventing the whole wheel, so we started from above ground instead of completely from scratch."

Danh Huynh,
Director of DevOps & SRE, Tyfone



Outcome

The migration completed without unexpected downtime and with SOC 2, PCI, and Visa payment network partner compliance maintained throughout.

New customer environments that once took a week of manual work could provision in two to three days. Developers who previously routed every infrastructure request through the DevOps team were handling standard tasks independently through the DuploCloud portal.

Security audits went from all-hands scrambles to streamlined and smooth operations where evidence could be pulled directly from the DuploCloud portal, patching managed on a regular cadence, and network security reviews handled without disrupting the team.

As for up-skilling, every member of Tyfone's previously Rackspace-only team can now work confidently across their new AWS environment thanks to what they learned throughout the hands-on collaboration with DuploCloud engineers.

About Tyfone

Tyfone is a U.S.-based fintech company providing digital banking solutions to community banks and credit unions. With more than 25 years of industry experience, Tyfone helps financial institutions deliver secure, modern digital experiences to their members.

About DuploCloud

DuploCloud is an AI-powered DevOps platform that helps teams build, secure, and manage cloud infrastructure faster with automation and agentic workflows that reduce complexity and boost velocity.

Key results

42 Environments

Migrated from Rackspace to AWS across a phased, risk-managed execution

100% of the team

Now comfortable working across AWS, up from zero cloud experience

30–40% time savings

On non-production environment tasks and DevOps support work

SOC 2 + PCI

Maintained continuously throughout the entire migration

2–3 days

To provision a new customer environment, down from one week

"This whole migration could not have been done without DuploCloud. I feel like they are part of Tyfone, even though we are two different entities. For the foreseeable future, I don't see our partnership changing — I don't really see the end of it."

Danh Huynh,
Director of DevOps & SRE, Tyfone