

February 2025

Q2



Presidio Migrates Q2, Inc. Digital Banking Product to AWS to Accelerate Innovation While Reducing Costs

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[Q2, Inc.](#), a financial experience company, partnered with [AWS Partner Presidio](#) to migrate its largest revenue-generating digital banking product to AWS, avoiding a costly on-premises hardware investment. Q2 set an ambitious goal to decrease costs by 25% to better serve each customer. The AWS migration would prove integral to achieving this goal. To satisfy a tight timeline and rigid uptime requirements, Presidio developed an automated, parallel migration platform called "Q2 Migration Manager" (Q2MM) to accelerate the project.



Opportunity

- Q2, Inc. was staring down a multi-million dollar capital expenditure for on-premises hardware to support its expanding business. A move to AWS would support its growth goals in a cost efficient manner.
- Q2 aimed to reduce its cost-to-serve by 25%, and lay the foundation for future AI-driven innovation.
- Uptime stakes are high, as any dip below 99.95% availability would incur a financial penalty. The migration could not be done manually, however, given time constraints. So a secure, reliable automation option would prove ideal.

Solution

- Presidio leverage AWS MAP funding to deliver a pilot migration for a subset of Q2's digital banking platform technology stack. The successful migration proved out the Presidio approach, and identified areas of opportunity to accelerate the full migration.
- Presidio innovated to automate the larger migration. Q2 Migration Manager (Q2MM) is an automated migration platform running on a custom-built Presidio tool that rapidly accelerated the migration to meet tight deadlines while satisfying uptime requirements.
- Q2MM ensures robust security, provides real-time monitoring and reporting, delivers industry-standard scalability and flexibility, optimizes resource utilization, and logs compliance/audit documentation for future use.

Outcome

- Presidio's POC migrated a large subset (2,000+) customer container for initial testing. It achieved a 95% success rate, reducing migration time from two hours to 14 minutes, and cutting manual intervention by 96.3%.
- Q2MM is migrating the rest of Q2's digital banking platform tech stack to AWS. This includes ~300,000 containers and 500 terabytes of SQL data, on budget and well ahead of schedule.
- Presidio and AWS are leading Day 2 modernization efforts, building upon the new cloud environment to deliver Q2 customers next-gen capabilities, including AI.

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AWS PrivateLink

Establish connectivity between VPCs and AWS services without exposing data to the internet with AWS PrivateLink.

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AWS Transit Gateway

Connect Amazon VPCs, AWS accounts, and on-premises networks to a single gateway with AWS Transit Gateway.

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