

CUSTOMER STORY

Future-proofing Airline software: Inside Accelya Group's high-velocity AWS migration with RapidScale

Accelya Group, a global airline software provider, transformed its infrastructure, resilience posture, and operational capacity by partnering with RapidScale. With the help of RapidScale's certified experts, Accelya migrated 1,000 workloads into Amazon Web Services (AWS) in just four months—strengthening resiliency and building the engineering velocity needed to stay ahead of emerging threats and Agentic AI-driven risk.

Challenge

Accelya needed to build mission-critical software across the global airline supply chain. The company operated a hybrid environment anchored in a long-standing on-premises VMware data center. As airlines demanded more AWS-hosted services, Accelya's environment became increasingly complex to operate and scale. Legacy infrastructure limited agility and customer alignment.

The Accelya logo, featuring the word "accelya" in a white, lowercase, sans-serif font, set against a blue background.

"RapidScale provides that bench of expertise to augment and hy perfocus on specific projects that move the business forward."

Brayden Farr
Chief Investment Officer

Other key pressures included:

- Global clients demanded more flexible compute and faster delivery inside AWS
- Hybrid architecture slowed modernization and created operational friction
- A data center exit timeline left no room for missteps
- High migration complexity
- Internal teams were overwhelmed by day-to-day operations and lacked bandwidth to execute a massive migration at speed

Accelya Group also needed:

- A partner with proven AWS expertise and flawless execution credibility
- Deep analysis of 1,000 workloads transitioning from VMware to AWS
- Precision network cutovers (a "hard cut"), with zero tolerance for disruption

Solution

RapidScale delivered a suite of strategic, high-touch cloud transformation services designed to accelerate Accelya's journey, reduce operational burden, and strengthen long-term resiliency. This included reengineering key data flows to leverage AWS-native private networking capabilities. Each solution is aligned to Accelya's business outcomes, internal constraints, and aggressive timelines.



Comprehensive workload discovery and architecture design:

RapidScale conducted deep analysis on nearly 1,000 VMware-based workloads to determine interdependencies, critical migration sequencing, and target-state architectures in AWS.

This meticulous upfront work eliminated guesswork, reduced risk during network cutovers, and created predictable migration windows—critical for Accelya's global airline clients whose operations require nonstop availability.



Precision network strategy and hard cutover execution:

Network transition was one of Accelya's most complex challenges. RapidScale engineered and executed "hard cut" transitions from on-premises networks into AWS-native networking with zero tolerance for failure.

Teams planned routing, connectivity, and failover strategies, ensuring a seamless shift away from a 20-year legacy data center.



Cost optimization and security hardening through AWS PrivateLink logging architecture:

RapidScale rearchitected Accelya's logging pathways using AWS PrivateLink, allowing log data to move securely within AWS's private network rather than traversing public endpoints. This design reduced unnecessary data transfer costs while strengthening Accelya's security posture by minimizing exposure to the public internet and tightening network boundaries.

These savings strengthened Accelya's long-term AWS economics without compromising observability or compliance.

Why RapidScale?

RapidScale differentiated itself through:

Technical depth: RapidScale had visionary, forward-leaning expertise in resiliency and an Agentic -AI readiness with a deep bench of certified experts in AWS migration and architecture.

- Consistent on-time execution and an efficient delivery model: RapidScale could execute projects end-to-end, which established immediate trust in the partnership.
- Relationship-based delivery: The partnership was not transactional. The team built the relationship with trusted collaboration, even under pressure.

Accelya continues to engage RapidScale on AI adoption planning, cyber resiliency architecture, and strategic cloud optimization initiatives. RapidScale continues to provide consultative expertise and analysis acceleration for upcoming projects. This partnership transformed RapidScale from a migration partner into a strategic cloud transformation advisor supporting Accelya's next-generation AI and security initiatives.

Speak to a RapidScale cloud expert today: meet@rapidscale.com

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