



Leading Health Insurance Exchange Transforms with Scalable, Compliant Cloud Migration



Executive Summary

GetInsured needed to migrate from a third-party co-location vendor to a cloud environment that met MARS-E 2.0 and FedRAMP compliance standards while reducing costs and ensuring scalability. Partnering with Xoriant, GetInsured chose AWS GovCloud for its regulatory compliance, security, and cost-effectiveness. The migration leveraged AWS services such as API Gateway, ELB, RDS, and Lambda to enhance performance and automate deployments. A hybrid migration approach ensured minimal downtime, meeting a two-hour Recovery Time Objective (RTO). This transition optimized operational efficiency, reduced Total Cost of Ownership (TCO), and prepared GetInsured for seamless open enrollment periods.

GetInsured is a leading Health Insurance Exchange (HIX) Platform. It offers a SaaS-based full-service Exchange that powers the best health insurance e-commerce experience for consumers, employers and insurers. GetInsured solutions for employers, benefits consultants, and health insurers deliver a brilliant consumer experience, deepen engagement with end-users, and help to better control their healthcare costs.

Challenge

GetInsured faced compliance, cost, and scalability challenges with its third-party co-location vendor. They needed a cloud solution that met specific compliance standards, and ensured security, automation, and dynamic scaling. The migration had to be completed before Open Enrollment with minimal downtime and a strict 2-hour Recovery Time Objective (RTO).

Compliance and Cost Efficiency

GetInsured's co-location vendor lacked MARS-E 2.0 and FedRAMP compliance, increasing security risks and operational costs. With stricter regulations, maintaining compliance became complex and costly. A cloud-based solution with built-in security and compliance automation was needed to streamline audits, reduce Total Cost of Ownership (TCO), and optimize infrastructure expenses.

Scalability and Timely Migration

GetInsured required a scalable cloud solution to manage fluctuating demand while lowering costs. The existing infrastructure lacked flexibility, leading to high upfront expenses. A new cloud architecture was needed for automated deployments, improved agility, and seamless scalability. Migration had to be completed before Open Enrollment with minimal downtime and a strict 2-hour RTO.

Why AWS And Xoriant

GetInsured and Xoriant evaluated multiple cloud providers based on compliance, security, migration ease, and Total Cost of Ownership (TCO). AWS stood out for its simplicity and comprehensive compliance standards. AWS API Gateway enabled seamless front-end integration, while AWS-ELB ensured automatic traffic distribution across healthy instances. AWS Lambda reduced costs by running only when needed and handled security authorization without code changes. To minimize migration risk, Lambda was planned for a second phase post-migration.

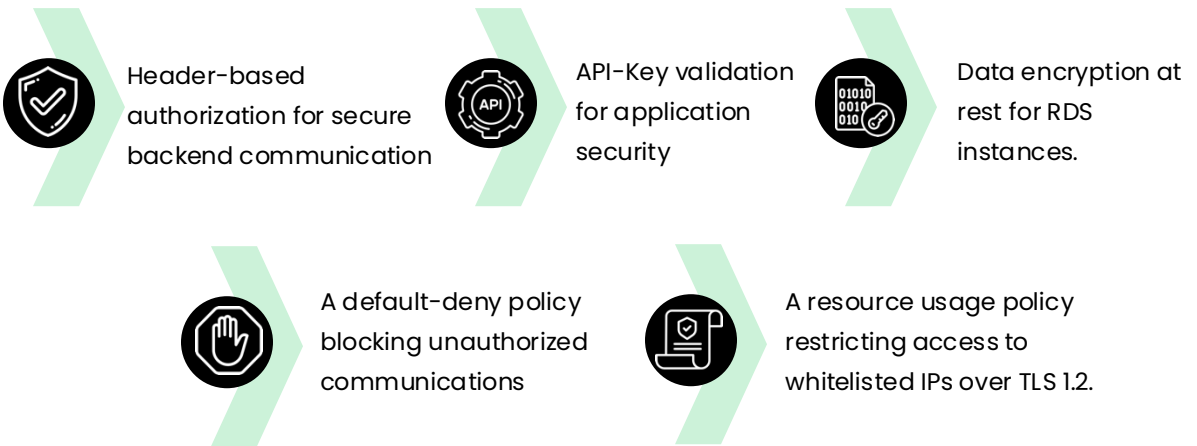
AWS-RDS provided scalable database management, and AWS GovCloud ensured full compliance with regulatory standards. This solution streamlined operations, enhanced security, and met strict compliance requirements efficiently.



The Solution

GetInsured partnered with Xoriant, a long-term technology partner since 2005, to execute the migration within a strict timeline. To ensure compliance, security, and performance, Xoriant migrated the platform from a co-located infrastructure to AWS GovCloud. A hybrid migration strategy allowed database replication in read-only mode before switching to read-write during production cutover, ensuring minimal downtime within the mandated 2-hour window.

Xoriant assessed and updated security controls to align with AWS standards. The new architecture incorporated:



Automation was implemented using AWS CLI scripts and Infrastructure-as-Code (IaC) for consistent environment provisioning. The migration followed a phased approach—starting with Dev, followed by QA, and finally Production. Each phase was thoroughly tested before cutover. Security audits validated compliance, ensuring a seamless, compliant, and efficient cloud transition.

Results and Benefits



Reduced TCO

AWS-based deployment lowered upfront costs compared to co-location and optimized scale-out, reducing total cost of ownership based on seasonal service demands.



Dynamic Scaling

APIG enabled seamless integration with changing service providers, while utilization triggers allowed dynamic scaling to meet demand.



Simplified Migration

A standardized design template streamlined provisioning and scaling for Dev, QA, and Production environments.

About Xoriant

Xoriant is a Silicon Valley-headquartered digital product engineering, software development, and technology services firm with offices in the USA, UK, Ireland, Mexico, Canada and Asia. From startups to the Fortune 100, we deliver innovative solutions, accelerating time to market and ensuring our clients' competitiveness in industries like BFSI, High Tech, Healthcare, Manufacturing and Retail. Across all our technology focus areas—digital product engineering, DevOps, cloud, infrastructure, and security, big data and analytics, data engineering, management and governance—every solution we develop benefits from our product engineering pedigree. It also includes successful methodologies, framework components, and accelerators for rapidly solving important client challenges. For 30 years and counting, we have taken great pride in our long-lasting, deep relationships with our clients.