SYGITECH



EASYPOLICY CONSOLIDATES ITS IT SYSTEMS; GAINS HIGHER AVAILABILITY, SECURITY, AND PERFORMANCE WHILE OPTIMIZING COST

Easypolicy.com is an insurance comparison website. EasyPolicy has the vision to provide transparent and top-notch services through technology to simplify, advise, inform, educate, and to make insurance more accessible and available across India. Established in 2011, Easypolicy has already successfully managed to reach out to insurance seekers residing in the far corners of the country, as well as prompt service customers in the thriving metros.



EXECUTIVE SUMMARY

Business Challenge

EasyPolicy has constantly been adding new features and functionalities to its platform. There have been many integrations to make the product better. Some of these integrations need to sync more seamlessly without causing silos of disparate systems, applications, and tools. Many services running parallelly lead to some manageability challenges and increased cost of operation. Despite being hosted on a reputed IaaS platform, the application was not able to meet higher availability, scalability, and performance goals as desired from the platform.

Solutions

Sygitech found that despite investing in IaaS, installation, configuration, and management of various microservices (OS, middleware as well as applications) were not streamlined. This was, in turn, leading to challenges in achieving higher availability, scalability, and performance.

Results

EasyPolicy applications are now consolidated on one platform and able to take full advantage of cloud architectures to be more responsive, scalable and always available.

THE BUSINESS CHALLENGES

EasyPolicy was not standardized on one platform. Different platforms were used for databases, applications and middleware. Hence, there was not the desired seamless integration between different components of the infrastructure. This was occasionally leading to performance challenges. Further, despite being on a reputed IaaS platform, the core application was not able to achieve high availability and scalability at the time of sudden spike in traffic. A SaaS service provider cannot compromise on scalability and availability. Moreover, relatively low application and database performance was leading to an overall decrease in the desired customer experience. After consulting with leading vendors and doing thorough due diligence, EasyPolicy decided zero in on Sygitech's expertise of IT consulting and managed services to revamp its IT infrastructure and benefit from its support services backed by a strong service level agreement.



SOLUTIONS OFFERED

Sygitech's team reviewed all of Easypolicy's existing platforms to see what services were on which platform. A new infrastructure was designed to consolidate the entire system. All applications and DBs running on various cloud platforms were identified and migrated to one core platform. The following solutions were offered and deployed:

1. Cloud Migration Service

- Sygitech's cloud migration team reviewed all their accounts to see what all services are running
- A well-defined migration plan was created and got approved by client
- As not all apps were cloud friendly. Some performed better on private or hybrid clouds than on a public cloud. Some others needed minor tweaking while the rest needed in-depth code changes. A full analysis of architecture, complexity and implementation was done before the migrating them all to one platform
- A new infrastructure architecture was designed to consolidate compute resources, storage, and networking; and provisioned with one of the IaaS platform providers.
- All applications and DBs from different accounts and providers were migrated to new infrastructure
- The management of risk was critical as the application was already in production. Sensitive data can be exposed during a cloud migration. Hence, post-migration validation of business processes was done without disrupting normal operations.
- Downtime during the entire migration was just a few minutes

2. IT Consulting

- Sygitech's consulting team helped the client make changes in the applications to run on the new infrastructure.

- Application's security was improved by deploying a set of policies, controls, procedures and technologies that work together to protect any cloud-based system, data, and infrastructure. Cloud access security brokers, cloud workload protection platforms, virtual network security platforms, and cloud security posture management were considered and deployed wherever required.



3. Managed IT services

- Load balancer was set up to ensure automated traffic distribution from one entry point to multiple servers

- VPN was provisioned to allow secure access to infrastructure

- Monitoring is done by Sygitech's centralized monitoring and alerting system

- A dedicated firewall was configured to protect the application and network infrastructure.

- Sygitech now manages the entire infrastructure, from new installation, to update, security reviews, monitoring, incident, and problem resolution.

VALUES ADDED

- The IT system is on one platform. This means less confusion and improved manageability
- Overall performance has been improved manifolds
- The application now runs much faster
- Cost has been reduced
- The system is now more secure as all instances are part of a private network, and access is limited to the DevOps team



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THANK YOU

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