



Cygnets **Infotech**  
IT is about you

CASE STUDY

# AWS INFRA EXPENSES REDUCED BY 60%

For A British Insurance Agency

COUNTRY  
**UK**

DOMAIN  
**INSURANCE**

SOLUTION  
**DEVOPS**

**CYGNET INFOTECH**

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## Client Profile

The client is a UK-based insurance provider that delivers top-notch consultancy, insurance, and reinsurance services to financial firms, travel agencies, and the health sector. With a strong international footprint across Europe, Africa, and Asia, they have been offering unparalleled services to its growing customer base for more than a decade.

UNITED KINGDOM

IRELAND

KENYA

MAURITIUS

SOUTH AFRICA



## Business Challenges

The client's core business applications offered highly personalized policies and premiums to its customers worldwide. Increasing customer base and mounting costs of on-premise data centers compelled the client to shun the monolithic data center model and rely on cloud infrastructure. This encouraged the client to migrate the system to AWS (Amazon Web Services) with a belief to improve customer experience and turnaround time. However, lack of expertise, underutilized cloud resources, inefficient monitoring of business services on AWS for malicious activity and unauthorized access, and frequent service outages imposed greater risks of rising cost and users' complaints.





## Key Challenges



Lack of skilled resources to evaluate utilization and optimal cloud infrastructure performance



Excess bill and underutilized resources



Gaps in cloud security



Permissions and right to access cloud resources not configured properly



Poor management and monitoring of services on AWS environment

*“ Our team lacked experienced IT experts to take the matter forward. We hunted for the vendors with USPs such as consistency, quality, and speed. The ones who can serve our vision and support our operations with robust and innovative technology solutions. We tried to communicate our problems that we were desperately trying to resolve, but the limited attention of these vendors towards our growing concerns was worrisome. These IT challenges prevented us from competing in this ever-changing and growing market and leverage the opportunities of the emerging insurance industry.”*

**- Head of System Development**



The experts at Cygnet analyzed the business goals and IT infrastructure, and helped the client to identify gaps, and proposed a detailed report reflecting the set of challenges and ways to fix them.

The DevOps engineer administered the AWS environment, formulated the best practices, and identified ways to implement them. The report highlighted useful recommendations to downsize, eliminate and optimize the underutilized cloud services, based on the size, storage, usage, cost, and performance factors. The expert enabled the services to securely monitor the AWS and its resources and grant rights and permissions across the environment. Apart from this, the best practices to achieve security and compliance benchmarks were also implemented.

- 1** The EC2 instances (virtual servers) that were utilized on the AWS infrastructure were analyzed and downscaled for significant cost savings without hindering the performance.
- 2** Customized scripts were developed to automate the removal of AMIs and snapshots older than a specific number of days and retained the important ones on the client's demand.
- 3** Multiple perimeters – storage capacity of the database required, the usage patterns and more hosted on the RDS instances were analyzed.
- 4** The approach to creating database backups at predefined intervals making it fault-tolerant were recommended and implemented.
- 5** AWS Identity and Access Management (IAM) services were configured to grant permissions and rights to the users and groups to allow and deny their access to AWS resources.



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*The IT professionals of Cygnet were able to turn things around quickly and we witnessed substantial improvements in the workflow, cost savings, and reduced turnaround time. Your teamwork and dedication reflect the capability to deliver the best and achieve the outstanding result which the historic vendors failed to achieve. You know exactly what needs to be done. Now, we are more confident than ever to embrace any opportunity that comes our way. You are readily available to listen to our problems and suggest the best solutions for us.*

**THANK YOU FOR KEEPING OUR SPIRITS HIGH!**

**Head of System Development**





## Business Benefits



AWS monthly bill was reduced by 60%



Go-to-market time was accelerated by 50%



Client's focus shifted to more productive business initiatives





## Applied Technology Accelerators



### Technology Consulting

Digital, cognitive and cloud consultation encouraged client to launch unique offerings quickly whilst reducing cost and complexity.



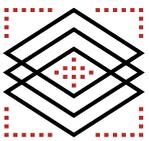
### Regulatory & Compliance

GDPR compliant and ISO certified initiatives ensured privacy, security, confidentiality, and integrity of critical business data.



### Network of best practices & skills

Extensive hands-on experience in utilizing the industry best practices, tools and technologies such as cloud, big data, DevOps, RPA, and much more.



## Tools and Technologies

TECHNOLOGY

**Amazon Web Services**

TOOLS

**AWS, TeamWork for Project Management**

PROJECT MANAGEMENT METHODOLOGY

**Agile - Kanban**



## About Cygnets

Cygnets Infotech is one of the most trusted names in the IT space delivering technology solutions to global clients across 35 countries. Born out of a vision to create software development company where quality, innovation and personalized services trump low cost, makeshift solution, Cygnets partners with its client to help them transform into high performance businesses.

Cygnets has deep industry and business process expertise, global resources, and a proven track record in digitally transforming enterprises. Cygnets can mobilize the right people, skills and technologies that improves business performance.

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**1000+**  
Technology  
Enthusiasts  
Working with  
Global Brands



**Delivered**  
**2000+** Enterprise-  
Class Solutions &  
Products



**100% Agile**  
**Approach**  
Creates Value



**"Technology**  
**First"**  
Company



Deep  
**Industry and**  
**Process**  
Knowledge



**Digitize, Scale and**  
**Transform** into  
High-Performance  
Business