

CASE STUDY

HappSales™

Achieved Seamless Containerization on AWS ECS

A Deep Dive into How HappSales
Achieved Effortless Containerization on
AWS ECS for Enhanced Operational
Efficiency

ABOUT HAPPSALES

HappSales is a B2B software-as-a-service (SaaS) company providing 'Business Acceleration Software' powered by conversational-AI to make 'Key Account Management' easy, fun & transformational. It is on a mission to eliminate complexity in client-facing operations and accelerate the 3 Ps – Productivity, Performance & Predictability.

EXECUTIVE SUMMARY

HappSales, undertook a transformative journey with access.io, to modernize their application to AWS. The migration involved transitioning from a monolithic architecture to microservices powered by AWS ECS, while ensuring compliance with CIS Benchmark and GDPR.

ABOUT ACCESS.IO

We offer Cloud Transformation, DevOps and SRE Automation, Application and Modernization Services to improve the agility and velocity of your business.

We are a cloud native services company with clients in multiple geographies and industries We specialize in cloud transformation, DevOps automation, managed services and cloud native application development. With offices in USA and India, we empower organizations to transform and secure their IT infrastructure, scale up their operations, and manage customer workloads. from our ISO 27000-certified Global Network Operations Centers (GNOC).

THE CHALLENGE

- **Monolithic to Microservices Transition:** Breaking down a complex monolithic application into microservices requires careful planning and execution.
- **Multi-Client Isolation:** HappSales serves various clients, necessitating isolated workloads and account governance.
- **Compliance and Security:** Prioritizing adherence to AWS CIS Benchmark standards to fortify compliance and security measures.
- **Minimizing Risk:** Preventing and isolating potential account compromises required a robust multi-account strategy.



THE SOLUTION

- ✓ **AWS ECS Migration:** Leveraging AWS ECS for container orchestration simplified deployment and management of microservices, offering flexibility and scalability.
- ✓ **Multi-Account Strategy:** Isolating workloads in different AWS accounts enhanced security and minimized the risk of account compromise.
- ✓ **AWS Control Tower:** Implementing AWS Control Tower ensured comprehensive account governance with SCPs and guardrails.
- ✓ **Cost-Efficiency:** Drastic cost reduction was achieved through efficient infrastructure management and ECS deployment.
- ✓ **Compliance Readiness:** Alignment with AWS CIS Benchmark and GDPR was ensured, enabling the handling of EU-specific workloads.

THE BENEFITS



Cost Savings



Enhanced Security



Improved Scalability



Efficient and Modern