

Hybrid Security: Solutions For A Distributed Workforce

A Case Study Optimizing Customer Infrastructure Security

From public cloud to hybrid, enhanced security is a prerequisite to an agile, distributed enterprise. The customer, a F10 Subsidiary Company, was looking to migrate 1500+ GL, Finance and Trading applications to a hybrid cloud setup. This application modernization effort was aimed at upgrading capabilities, improving compliance, and rationalizing infrastructure and operational costs over time.

A combined partnership between Newstar and the Customer resulted in a solution that enabled application and infrastructure modernization, greater access, compliance and protection of customer data, and an on-demand team of DevSecOps engineers bringing speed throughout the delivery process.



Customer Challenges

Monitoring Infrastructure Footprint

The sprawling infrastructure resource utilization to support disparate financial applications and real time trading presented a monitoring challenge

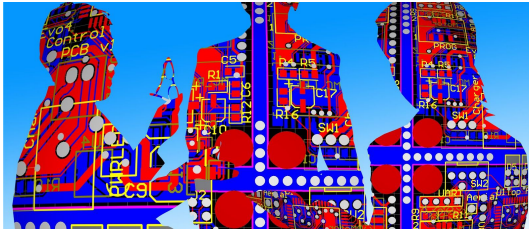
Manage Cloud Costs

As applications transitioned to a hybrid cloud setup predicting cloud costs and managing optimal resource utilization presented various issues including burst capacity to support trading and utilization growth.

Optimize Hybrid Architecture

The 1500+ applications were a disparate and diverse set of technologies, platforms and languages. Modernizing and moving them to a hybrid architecture was an on-going effort.

The Solution



Managed Application Services

By providing a dedicated team of Cloud and SRE and DevSecOps engineers, the customer is able to immediately focus on the business optimization process leaving the talent acquisition challenges and team dynamics to us. Professional and cost effective team enabled immediate impact.



Cloud Security Platform

Implementing a cloud security and visualization platform will enable proactive monitoring, threat detection and rapid resolution. Automation means faster issue resolution and bottom line impact.



Cloud Cost Optimization

To address resource utilization challenges required proactive monitoring, optimal architecture, and automation. These in turn required leveraging domain expertise and tooling to ensure accurate predictive and forecasting capabilities.

Results

Via managed application services and a cloud security and cost optimization platform, Newstar and F10 Subsidiary Company are able to shift to a perpetual business optimization process, enabling reduced costs, shorter delivery times and improved CX and customer loyalty.