

American Home Furnishings Company **Boosts IT Resiliency at 30 Percent Lower Cost**

Case Study



Overview

Optimizing business efficiency

A luxury American home-furnishings company with an annual revenue of \$3 billion, headquartered in California, needed to boost the agility of its multi-channel business operation by lowering cost and risk, boosting operational efficiency, and becoming cloud-ready.

Zensar's brief:

- Identify existing threats.
- Fix existing misconfigurations related to storage, databases, exposed instances, exposed buckets, analysis of user behavior, and permissions being used versus permissions assigned.
- Verify and report cloud security compliance.

Beyond the brief:

We eased the transition to a multi-cloud environment by assessing the client environment's cloud readiness and planning the way forward.



Challenges

Finding and fixing security gaps

The client's IT department had to address an array of security concerns that were obstructing compliance with SOC and PCI standards and cloud migration plans, including lack of visibility in the environment, cloud misconfigurations, excessive permissions for certain identities, and lack of automated remediation of security gaps.



Solution

Addressing security issues and becoming cloud-ready

Phase 1: Assessment

We spent eight weeks to conduct a thorough cloud security assessment with these key services:

- Configure and onboard two AWS accounts.
- Integrate log sources to analyze the environment.
- Build custom compliance reports, as requested by the client.

Phase 2: Automation

We spent six weeks automating remediation with these key services:

- Set up automated remediation for ongoing threats.
- Identify the top 10 suspicious alerts, such as data exfiltration, exposed instances, and Amazon Simple Storage Service (S3) buckets.
- Study the possibilities of integrating with JIRA and the Slack channel for future notifications of threats and misconfigurations.
- Provide detailed reports and recommendations to mitigate identified risks.



Impact

Optimized security, productivity, and cost efficiency

- Automated remediation of misconfigurations and risks highlighted by us
- 30 percent lower OpEx for cloud security management
- Direct delivery of high-priority alerts to the Slack channel, so relevant associates can take action
- Strategy to implement long-term security recommendations

Business outcomes:

The solution enabled effortless SOC and PCI compliance, IT agility due to a radical boost in productivity and cost efficiency, and the decision to move to a multi-cloud environment, as intended.

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