



LEADING VIDEO & HOME WI-FI PROVIDER DRIVES 30% COST REDUCTION THROUGH MIGRATION AND ARCHITECTURE RE-DESIGN ON AWS CLOUD

Advanced Services and Software Partner

SUCCESS STORY

Homes are more connected than ever!

Our Customer, a leader in their space, teamed up with KnackForge to upgrade their hosting Infrastructure. Their on-premise Infrastructure had issues with uptime and needed to scale up with their ambitious goal of providing high-performance, reliable, and user-friendly solutions. Our multi-functional team, which included AWS Certified Architects, Developers, and DevOps Engineers, partnered with the Customer to re-architect the solution for the Cloud. Using our in-house accelerators, including our FinOps (CloudCost) products, we re-architected the solution for the Cloud, thereby reducing the hosting charges by 30%. More importantly the architecture helped the customer to reduce the downtime by a whopping 40% thereby helping them get closer to their ambition of providing a connected lifestyles for their customers.

PERFORMANCE

↓ 30% Cost Reduction

↓ 40% Reduction Downtime

↓ 80% Storage Space

MEET THE BRAND

Our customer is a Denver, Colorado-based leading provider of a broad portfolio of integrated video products, Wi-Fi offerings, and software management solutions for the global service provider industry.

GOAL

Primary Goal: Migrate an on-premise footprint to AWS to enhance performance, reduce cost, and increase agility.

Secondary Goal: Upgrade the application to the latest versions to fix Security Vulnerabilities.

Stretch Goal: Define sustainable Fin, Sec, and Dev Ops processes that keep Costs, Security, and Operations sustainable and healthy.

STRATEGY

Given the customer's primary, secondary, and strategic goals, Knackforge engaged our AWS Architects and Product Owners to identify critical points and user workflows. Key to the solution was the sustainability of the proposed solutions.

WE IDENTIFIED FIVE KEY COMPONENTS



AWS Architecture



Security & Patching



DevOps Pipeline



Cost Reduction



Sustainability

ANALYZE THE PROBLEM



TARGETED SOLUTION

- Migrate an on-premise footprint to AWS to enhance performance, reduce cost, and increase agility.
- Upgrade the application to the latest versions to fix Security Vulnerabilities.
- Define sustainable Fin, Sec, and Dev Ops processes that keep Costs, Security, and Operations sustainable and healthy.

- Engaged AWS Architects and used in-house accelerator tools to re-architect the solution
- Created DevOps pipelines to upgrade & fix application code and infrastructure vulnerabilities
- Use the combination of AWS Architects, Enterprise NOC and the Internal Cloud Cost tool to monitor and remediate Cost, Architecture, Operations & Vulnerabilities

SERVICES USED



VPC



EC2



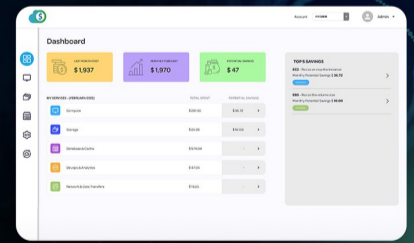
S3



RDS



Enterprise Operations Center



CloudCost by KNACKFORGE

RESULTS

- Migrating to AWS resulted in a 30% reduction in customer's monthly costs, while also achieving better scalability and higher performance.
- The upgrade to AWS allowed for increased uptime of servers, no data loss, and faster performance compared to the older version.
- In addition to reducing business and operational risks, the migration to AWS enabled increased speed and agility, allowing for better use of resources to grow profits for the business.