



# MIGRATION OF EC2-BASED PRODUCTION WORKLOADS TO A MODERNIZED AWS ENVIRONMENT

## EXECUTIVE SUMMARY

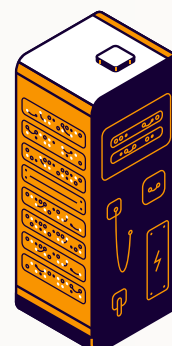
New Angle Systems LLC engaged IDT LLC to modernize the AWS production environment. As part of this effort, the client saw an opportunity to improve performance, efficiency, and security by migrating key infrastructure components of its production focused customer-facing SaaS product—including the application server, database, and load balancer—to a new fleet of EC2 instances running a modern operating system. The initiative aimed to streamline operations, consolidate infrastructure, and align with broader goals for scalability and cost optimization.

*Modernizing our AWS infrastructure was a critical step in improving the performance and sustainability of our cloud environment. IDT brought both strategic insight and technical precision to the project. From planning through execution, their team ensured a seamless migration of our application server, database, and load balancer to a more modern and secure EC2 environment.*

*The improvements in efficiency, scalability, and system responsiveness were noticeable almost immediately. We appreciated IDT's thoroughness, especially in minimizing disruption to our production workloads during the transition.*

*We consider IDT a trusted and reliable AWS partner and would confidently recommend them to any organization looking to modernize their infrastructure with minimal risk and maximum impact.*

**Eric Saito - Principal  
New Angle Systems LLC**



## IDT SOLUTION

IDT LLC developed and executed a comprehensive migration strategy tailored to the client's objectives. The solution involved transitioning the production application server, database, and load balancer from their current EC2 environment to newly provisioned EC2 instances leveraging a modern operating system.

This migration was intended to address several operational concerns: limited scalability, aging system components, and inefficiencies in infrastructure management. By consolidating critical workloads on an updated and optimized AWS environment, the project aimed to improve performance, reduce infrastructure costs, and lower technical debt—supporting a more sustainable and scalable cloud footprint.

### THE BENEFITS

Through this modernization initiative, New Angle Systems LLC positioned itself to achieve greater operational efficiency and performance. Migrating to EC2 instances with an up-to-date operating system helped eliminate the limitations of the legacy environment and enabled more streamlined infrastructure management.

By consolidating workloads on a secure and optimized AWS setup, the client aimed to reduce operational overhead, improve system responsiveness, and align infrastructure with future scalability and cost-efficiency goals. The initiative supported New Angle Systems LLC commitment to proactive infrastructure planning and long-term cloud optimization.



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