



MIGRATE FILE TRANSFER SERVER BETWEEN REGIONS

EXECUTIVE SUMMARY

New Angle Systems LLC partnered with IDT LLC to modernize its mission-critical file transfer platform hosted on AWS. The legacy EC2 instance powering the existing file management application was operating on a non-modern operating system, posing challenges to long-term performance, maintainability, and compliance. To strengthen security and operational resilience, the client sought to migrate to an updated EC2 environment with a modern OS and web application stack, while aligning with CIS hardening benchmarks and SOC 2 compliance. IDT delivered a secure and uninterrupted migration that respected the integrity of the service while modernizing the infrastructure with AWS-native tools and practices.

THE CHALLENGE

New Angle Systems LLC recognized the need to upgrade its web-based file management solution to meet evolving operational and compliance standards. The existing system, running on an older EC2 instance, required modernization across several key areas:

- A detailed audit of the current file management solution to ensure safe and structured migration.
- Migration to a newer EC2 instance featuring an up-to-date and CIS-hardened operating system.
- Upgrade of the web application stack to the latest supported version of PHP for continued compatibility and performance.
- Deployment in a SOC 2-compliant AWS environment to meet security and regulatory requirements.
- Seamless execution of the migration with no downtime or disruption to users.

Modernizing our file transfer infrastructure was essential to maintain security, compliance, and operational continuity. IDT guided us through every stage of this transition with deep technical expertise and an understanding of our business priorities. The migration was executed flawlessly, without service interruption, and the new environment aligns with both our long-term goals and regulatory requirements. We truly appreciate IDT's commitment to quality and reliability, and we recommend them as a trusted AWS professional services partner.

Eric Saito - Principal
New Angle Systems LLC

IDT SOLUTION

To support New Angle Systems LLC's objectives, IDT delivered a comprehensive solution rooted in AWS best practices and security standards. The team:

- Conducted a thorough technical review of the existing EC2 instance and file management application.
- Designed and provisioned a new EC2 instance configured with a modern OS and hardened to CIS benchmarks.
- Leveraged AWS services—such as EC2, VPC, CloudWatch, Route 53, S3, and KMS—to build a secure, observable, and scalable platform.
- Performed a zero-downtime migration, ensuring a smooth transition to the new infrastructure while maintaining compliance with SOC 2 and AWS Well-Architected Framework guidelines.

THE BENEFITS

Through this collaboration with IDT, New Angle Systems LLC successfully transitioned its file transfer service to a future-ready AWS infrastructure. The hardened and compliant environment not only mitigates security risks but also enhances service reliability and performance. The upgrade to a modern PHP stack and hardened OS ensures long-term maintainability, while native AWS tooling simplifies monitoring and operations. Most importantly, the seamless migration preserved service continuity and reflected a careful, business-focused approach to modernization.

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