SECURITY IN THE CLOUD

Mission success in today’s national security environment requires quick, seamless, and secure access to information across various data sets. And Department of Defense (DoD) Chief Information Officer (CIO) Dana Deasy has made it clear that he sees world-class cloud computing as an essential piece of the government’s next-generation information architecture.

With a solid foundation in the cloud, defense and intelligence leaders will usher in a number of technological advances for the nation. From enhanced cyber security to the application of practical artificial intelligence (AI), migration to a cloud environment supports the opportunity to reengineer legacy technology and support critical, ever-changing warfighter needs.

The flexibility and security of advanced cloud environments will be a game-changer for America to modernize the applications underlying its national security posture. But these gains must be made thoughtfully, with security top of mind.

AN AWS CLOUD SOLUTIONS PARTNER

As an approved Amazon™ Web Services Cloud Provider for the intelligence community (IC), Alion pairs the benefits of a customized cloud operating environment with deep and machine learning capabilities to address the needs and heightened security concerns specific to Department of Defense (DoD) and IC customers.

We help clients at every stage of the cloud adoption journey, from migrating workloads to building entirely new applications. In addition, we combine our secure cloud architectures with smart edge devices to handle AI projects of all sizes. Our customers call upon us for customized cloud solutions that provide readily available data while maximizing security, even as technology and privacy challenges evolve.

By migrating with our proven cloud-based services, our clients achieve an agile, modern cloud-operating environment with reduced costs, gained efficiencies, and improved services—all without compromising security.
ALION’S CLOUD SOLUTIONS

Alion’s engineers, technologists, program managers, and other first-class experts are all part of an 80-year R&D heritage that continues today. We are deeply analytical partners who never stop looking for a way to make things better. That's why we apply our agile engineering methodology to every project and problem, saving time and money for our clients while delivering full-lifecycle cloud solutions.

ENVIRONMENT ASSESSMENT
We perform cloud architecture and migration assessments to determine functional, performance, and security requirements, including the best course of action, such as re-engineering, re-factoring, or lift-and-shift of systems.

RESEARCH, DESIGN, TEST & EVALUATION
Our expert architects research, design, test, and evaluate the best solutions to help each client transition to the cloud. We present that data clearly, to make sure the final product meets your distinct needs and mission objectives.

CLOUD MIGRATION & IMPLEMENTATION
Once we've agreed on the best path forward, we work with you to implement and integrate the appropriate solution for each activity to optimize your cloud environment for cost and performance, while maintaining continuity of operations.

According to Brig. Gen. David Krumm, “Lives have been saved and lost...battles and wars have been won or lost based on bad, no, or late information.” At Alion, we are ready to help you securely capture, manage, and use data in the cloud to make sure you have the information to execute and succeed in every mission you face. Learn more at www.alionscience.com/cloud.

About Alion Science and Technology
At Alion, we combine large company resources with small business responsiveness to design and deliver mission-critical engineering solutions. With an 80-year technical heritage and an employee-base comprised of more than 30% veterans, our engineers, technologists, and program managers bring together an agile engineering methodology and the best tools on the market to deliver mission success faster and at lower costs. Based just outside of Washington, D.C., we help clients turn big ideas into real solutions. For more information, visit www.alionscience.com.

CONTACT:
Shawn Nighbert
VP, Business Development
snighbert@alionscience.com
+1. 240.646.3580 (office)
+1. 240.565.5723 (mobile)