

ALION

We provide network and software solutions to accelerate and simplify the systems behind your mission success.

NETWORKS & SOFTWARE

Lower Costs with Scalable, Virtualized Multi-Enclave Solutions

THE MODERNIZATION OF DOD IT

Since 2011, the DoD has been working to modernize its information technology (IT) to expand capabilities while reducing costs. These efforts launched much-needed activity to streamline and secure networks while aiding interoperability for joint maneuvers, transforming the way the DoD acquires, develops, and operates its IT.

With the fast evolution and introduction of new technology, these efforts continue to expand, most recently to emphasize the value of software-defined networks (SDNs) in support of DoD's IT goals. Through this move to virtualization, the DoD intends to better mitigate the growing cyber threats facing U.S. military networks while maximizing scale, flexibility, integration, and control across U.S. and allied networks.

Now, the task remains to support and modernize legacy hardware networks, while working to develop secure, integrated SDNs and applying advances in artificial intelligence (AI) to create intelligent networks that can sense, adapt, and respond to needs and threats.

A LEADER IN INTEGRATED NETWORKS

As the creator and operator of one of the most advanced integrated network architectures for training in the DoD, Alion is helping lead the way through this evolution. Our certified architects and engineers are experts in the functional and domain requirements necessary to build and support secure, reliable, and resilient network capabilities.

For more than 25 years, we have refined a software development capability that delivers robust applications and translates the edge of commercial innovation for our DoD customers. We pair that experience with a proven foundation in traditional network architecture as well as new solutions in SDN and applied AI to modernize defense and security networks. As an approved Amazon™ Web Services (AWS) Cloud Provider for the intelligence community, we also help clients securely manage sensitive data across networks.

Together, we can create future-proofed network and software solutions that accelerate and simplify the systems behind your mission success.



ALION'S NETWORK & SOFTWARE SOLUTIONS

Our offerings help you maintain reliable, secure, and useful computing environments with the software and support you need to run a smooth military operation. We apply our agile engineering methodology to every project and program, saving time and money, while delivering industry-leading network and software solutions for our clients.



NETWORK SOLUTIONS

Digital networks are the nervous system for today's operations. Modern command and control capabilities, as well as highly sensitive manned and unmanned platforms, only perform at their best when they're built on an underlying network that can respond quickly and flawlessly. With some of the most advanced integrated architecture capabilities on the market, our engineers design and manage complex networks to keep you secure, connected, and mission ready.



CYBER SOLUTIONS

With 25 years of experience, our cyber security experts understand the threats facing the U.S. today from nation-state and non-state actors—and how to counter them. We deliver solutions with resilient cyber security at their core, using applied Ai for complete vulnerability analysis and machine learning to create adaptive systems that learn how to fend off attacks. We go beyond consulting to apply practical cyber solutions.



SOFTWARE ENGINEERING

Whether you're looking for web services, Software as a Service (SaaS), terrain generation, serious games, or something more, our software engineers are ready to work with you and deliver the right solution backed by actionable metrics. In line with industry and domain best practices, we use an Agile software development and SCRUM methodology to develop and validate our solutions, while minimizing risk through our fully accredited processes.



RISK MANAGEMENT

Our custom-developed software solutions let you take advantage of incredible analytical capabilities with minimal training—operating in your environment or ours—to mitigate risk throughout physical, digital, and integrated environments. Using applied Ai and machine learning, we provide the tools, techniques, and strategic support to help identify and mitigate vulnerabilities to a variety of industry-specific assets, including buildings, platforms, and computer networks.

To learn more about our complete package of network and software solutions, or to get connected with one of our experts, visit us online at www.alionscience.com/networksandsoftware.

CONTACT:

Vickie Woodard

VP, Business Development
vwoodard@alionscience.com
+1.919.455.5565 (phone)

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.

ALION
Big Ideas. Real Solutions.
www.alionscience.com