



NATIONAL SECURITY

ARA delivers robust and innovative solutions for our clients and for our communities: solutions that help secure our world.

ARA has a long history of helping government agencies and laboratories innovate to protect and defend U.S. interests. Our roots began in military support in 1979, simulating and analyzing weapons effects and developing new weapon systems to increase our forces' technological superiority. With modeling and simulation at our core, ARA has grown to comprise a broad array of research and development capabilities designed to protect facilities, enhance warfighter effectiveness, and save lives.

Our workforce includes subject matter experts (SMEs) nationally recognized for their one-of-a-kind, deep technical expertise. Our operational/application SMEs come from across government agencies and military services, ensuring we understand the unique operating environments in which our clients work. This practical operational awareness, combined with an in-depth knowledge of physical and cognitive sciences, allows us to develop improved technology and creative solutions our clients need to achieve their objectives.

We help our customers address current homeland security demands and prepare for complex, multidimensional national and global threats of the future.

ARA HAS A PROVEN HISTORY OF MEETING WARFIGHTER REQUIREMENTS THROUGH OUR DISCIPLINED SYSTEMS ENGINEERING PROCESSES THAT MERGE PROVEN HARDWARE AND SOFTWARE DEVELOPMENT TECHNIQUES WITH NATIONALLY-RECOGNIZED WEAPON SYSTEM EXPERTISE.

[CONTACT US FOR MORE INFORMATION](#)

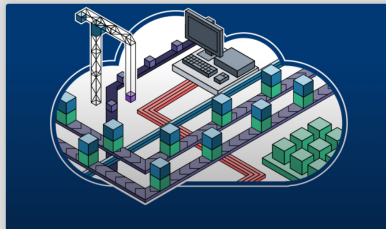
NATIONAL SECURITY CAPABILITIES



C4ISR & SPACE TECHNOLOGIES

ARA's C4ISR (command, control, communications, computers, intelligence, surveillance and reconnaissance) solutions provide military decision makers and operators with the ability to gather, analyze, and dispense critical data...

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CLOUD, EDGE AND DEVSECOPS SERVICES

ARA's experienced DevSecOps engineers, cloud security engineers, and software engineers will architect and implement secure cloud solutions to address your most challenging problems...

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CWMD TECHNOLOGIES & SERVICES

ARA has a robust team of chemical, biological, radiological, nuclear, and explosive subject matter expertise for planning, operations, and post-event analysis supporting the warfighter and emergency responders...

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ELECTROMAGNETICS & RF TECHNOLOGIES

ARA specializes in the areas of electromagnetic propagation and scattering, design and fabrication of antennas and radomes, RF measurement testing services...

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EXPLOSIVE TESTING

ARA operates some of the United States' premier test sites for full-scale explosive testing of building cladding, structural systems, and other protective/hardened designs...

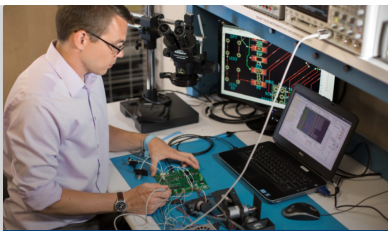
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INTELLIGENCE & MISSION SUPPORT

ARA leverages novel Intel solutions and expertise through cognitively authentic training, scalable web- and cloud-based enterprise systems, artificial intelligence and machine learning, and data analytics and knowledge bases...

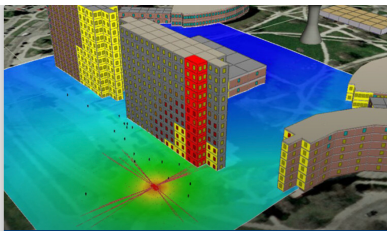
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RAPID PROTOTYPING & MANUFACTURING

ARA engineers and scientists are well-versed in offering novel solutions and tangible prototypes that can be quickly deployed. Many of our products are highly reliable at a low cost to the customer...

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RISK ASSESSMENT & MANAGEMENT

ARA provides comprehensive risk assessment services and tools to maximize physical and electronic security within the government and private industry, and works with organizations to develop disaster management plans...

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SYNTHETIC ENVIRONMENTS

Our team has created many solutions for government customers in the areas of large-scale terrain, automated building generation, and synthetic environment export to a wide range of training platforms...

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UNMANNED SYSTEMS & AUTONOMY

ARA is a leading developer of advanced unmanned systems, offering solid technical solutions and industry-leading customer service...

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WEAPONS DEVELOPMENT, TESTING & EFFECTS

From penetration and detonation underground, to air-blast, to a nuclear attack against U.S. satellites in space, ARA scientists and engineers understand the range of complex physics associated with weapons effects...

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