



TECHSOURCE

A  Salas O'Brien Company

Countering Nuclear & Radiological Weapons of Mass Destruction

The world has entered a new nuclear age. While the risk of large-scale, world-ending nuclear war has declined, regional instability, the proliferation of weapons and the materials to make them along with emerging threats like cyber and terrorism mean the risk of a single nuclear weapon or device being detonated—by accident, by miscalculation or on purpose, is on the rise. Unless we adapt our policies and forces to deal with new and emerging threats, global security will remain at serious risk. *Nuclear Threat Initiative 2/18*

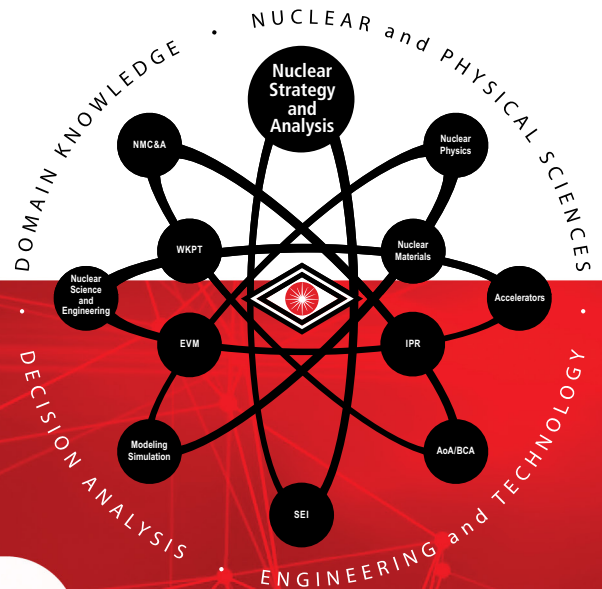
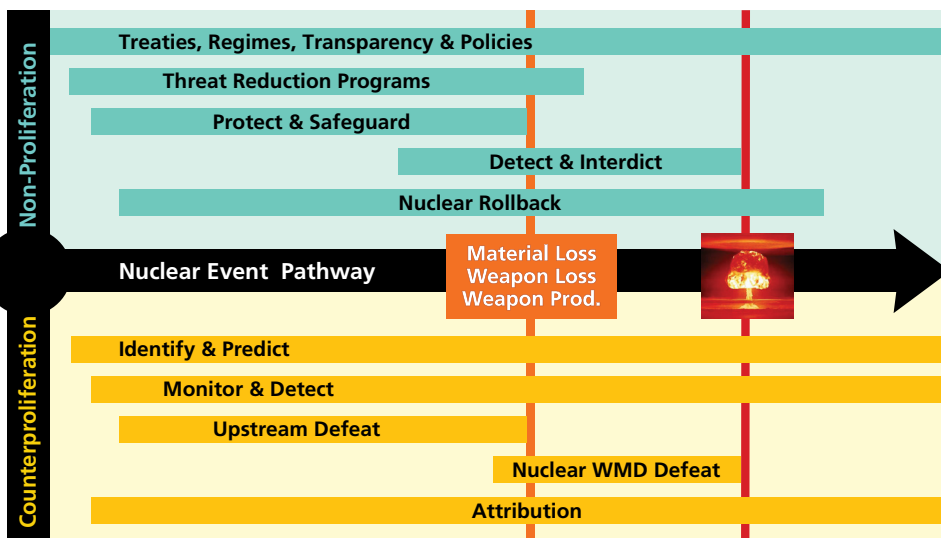
Translating Strategy into Solutions

The U.S. strategy for countering weapons of mass destruction (CWMD) has three core elements: limiting terrorists' access to weapons of mass destruction (WMD) materials, pressuring and targeting terrorists, and strengthening WMD defenses. Implementation of the first two core elements in a nuclear or radiological setting involves both nuclear non-proliferation (NNP) and nuclear counterproliferation (NCP) lines of effort.

NNP: The set of coordinated activities designed to limit the spread of nuclear technology, materials, and expertise primarily in permissive environments.

NCP: The set of interrelated activities designed to defeat the development and use of nuclear weapons and improvised nuclear and radiological devices by state proliferators and non-state actors in non-permissive environments.

NNP and NCP Lines of Effort



TechSource Provides a Full Spectrum of ST&E Solutions, Training, Program Management, Strategy, and Policy Advice

TechSource strives to maximize the effectiveness of the no-fail national mission by offering unique technical, tactical, operational, and strategic talents and perspectives.

Our experts include former DOE and DoD Secretaries and General Officers who understand nuclear posture policy and strategy; and former nuclear and emergency response scientists and engineers who are able to provide specific technical solutions as well as advise government decisionmakers concerning operational solutions.

- CWMD Policy and Strategy Knowledge
- Operational Experience
- IAEA Experience
- Nuclear Science
- Threat Reduction and Safeguards
- Threat Analysis
- Detection Technologies
- Nuclear Forensics
- First Responder and Emergency Response Training
- Program Management Experience and Support
- Requirements Analysis, Definition, and Management

TechSource's CWMD experts possess an extensive understanding of the actions needed, the increased resourcing required, and the organizations responsible for accomplishing the CWMD mission.

TechSource has some of the world's leading experts in nuclear weapon design, development, testing, and detection—expertise necessary to underpin a credible, integrated non-proliferation and counterproliferation strategy and program.

Our experts provide operational science, technology, and engineering (ST&E) solutions and managerial options consistent with the nation's nuclear posture. Our approach supports a defense-in-depth methodology against current and emerging dangers, which include both state proliferator and non-state actor threats.

TechSource's technical expertise and operational understanding of CWMD strategy and its NNP and NCP elements means our experts are uniquely suited to identify the best solutions to meet your needs.

Our Bench

Our experts include many of the former senior officials who developed the over-arching CWMD strategy and leading ST&E experts, nuclear scientists and engineers, and emergency response experts who have experience performing the crucial activities that support the NNP and NCP lines of effort. Their high-level policy and strategy experience combined with complementary science and engineering expertise enables them to offer effective, fully integrated, and implementable end-to-end solutions.

TechSource's CWMD experts have worked on such NNP and NCP activities as assessing the nuclear development threat space; developing unique nuclear detection and forensic tools; converting reactors from highly enriched to low enriched uranium; developing render safe tools and techniques; and storing, securing, and disposing nuclear materials.

We're the Go-To Experts for Experts

Science & Engineering Expertise

TechSource is a leading high-technology science and engineering small business offering recognized expertise in nuclear and physical sciences, engineering and technology, domain knowledge, and decision analysis.

Unparalleled Expertise

TechSource's talented and innovative 500-plus cohort is composed of experts, most with 35 years or more of hands-on experience.

Complex Management Solutions

TechSource offers policy to test bench technical and management services in coordination with point-of-interest expertise to organizations responsible

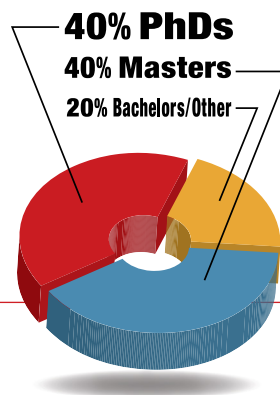
for developing, implementing, operating, and managing high-technology programs nationwide.

The World's Smartest Organizations Use TechSource

For over 20 years, TechSource has successfully supported a diverse and expanding client base, including U.S. federal agencies, the national laboratories, the Navajo Nation, universities, and commercial entities focused on solving some of the most complex issues facing the United States today.

Recognized Qualified Expert

TechSource is recognized as an independent, qualified expert whose advice and products uniquely and effectively bridge technical and programmatic requirements.



Our goal is to provide the expertise and experience our customers need to accomplish the activities crucial to U.S. CWMD strategy.

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A Major TechSource Strength Is the Depth and Breadth of Our Experts

Our CWMD experts work closely with each client providing tools, techniques, and passion for this critical mission area—at a level of support that is unmatched.



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