the **Versar solution** headquarters

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the Versar solution:

innovative, high-quality engineering and technology solutions for

National Security





About Versar

Established in 1969, Versar, Inc., is a publicly held, international professional services company that provides innovative, high-quality technology and engineering solutions to national security, environmental, architecture, engineering, and design-build construction needs for government and private sector clients worldwide.

Versar's corporate headquarters are in the Washington, DC, metropolitan area with more than 400 professional and support personnel in 16 locations nationwide. Over 65 percent of Versar's employees have degrees in engineering, science, and other technical fields.

National Security

Versar's national security expertise is based on over 30 years of experience providing support to the Department of Defense for programs concerned with chemical and biological weapons of mass destruction.

We integrate our proven hands-on capabilities, specialized expertise, and innovative and emerging technologies to provide a highly qualified and experienced partner for demilitarization, rapid-response threat and hazard management, and professional solutions for national security.

Our national security solutions include:

- Demilitarization
- Threat Assessment and Management
- Personal Protective Equipment (PPE)
- Chemical, Biological, and Radiological Detection Monitoring Systems
- Chemical and Biological Warfare Agent Analysis
- Emergency Response and On-Site Incident Services
- Secure Architecture and Facilities Engineering (SAFE)TM

Secure Architecture and Facilities Engineering (SAFE)

Versar provides turnkey solutions to mitigate adverse impacts of explosions and releases of toxic and dangerous materials, biohazards, chemical hazards, and other events such as fire, power interruption, and intrusion.

Engineering Analysis and Design

Versar's engineering analysis and design services include feasibility studies of alternative measures to harden structures, modify HVAC systems, secure computers and data, secure communication networks, and modify operations to mitigate potential adverse impacts due to explosions and releases of toxic and dangerous materials.



Safe Design and Construction

Versar brings over 30 years of experience in environmental and occupational risk assessment and management, as well as architectural and engineering services, to ensure secure buildings. Versar's design-build services provide modifications to secure and restore facilities and equipment and remediate damages resulting from natural disasters or other events.

Safe Operations

Versar provides assessments of facility operations, including fire protection and sprinkler systems, backup power generation to ensure uninterrupted power supplies, and detection systems for physical security and protection from intrusion.

Business Practice Assessment

Versar conducts assessments and

provides recommendations for modifying business practices to reduce threats, including mail and package handling processes, emergency plans, evacuation planning, and personnel protection.



Chemical and Biological Warfare Agent Analysis

Versar's wholly owned subsidiary, Geomet Technologies, Inc., specializes in providing rapid response solutions to analyze and mitigate evolving chemical and biological threats.



Biological Defense Laboratory BSL-2/3

Our biological defense laboratory, a BSL-2/3, is fully staffed and equipped with analytical instrumentation to rapidly detect low levels of a wide range of human pathogens and biological agents, including HIV and anthrax. We can evaluate and field test detectors for biological warfare agents and develop technologies for rapid detection. Our biodefense lab in the Washington, DC, area was instrumental in supporting the recent anthrax bioterrorism response and analyzed more than 6,000 samples collected from more than 300 facilities concerned with possible anthrax contamination and exposure.

Chemical Laboratory

The chemical laboratory is one of seven commercial laboratories certified by the U.S. Army to handle all types of chemical warfare compounds, including blister, nerve, and blood, as well as other highly toxic compounds. The laboratory is also the only commercial U.S. lab declared as a Schedule 1 facility in accordance with the Chemical Warfare Convention (CWC) Treaty.

Mobile Laboratory Deployment

Versar/Geomet has a long history of designing and operating both fixed and mobile laboratories for detection and analysis of chemical agent materials. Mobile laboratories are fully equipped for monitoring and analytical operations and are set up for easy positioning around the operational site.

Emergency Response and On-Site Incident Services

The response to emergencies and potentially threatening incidents is a core Versar capability, developed and proven over 25 years of experience responding to hazardous materials, chemical and biological warfare agents, and environmental incidents.

Our services include:

Emergency Response Management

- Emergency response planning
- On-site incident management
- Spill response and management to contain a release
- Air plume modeling and response scenario development
- First responder and hazmat training

Disaster Recovery and Long-Term Monitoring Pre- and Post-Disaster Materials Assessment

Demilitarization

Versar's hands-on demilitarization solutions represent extensive experience gained from chemical and biological weapons destruction, conventional ordnance and explosives cleanup, and environmental risk management performed around the U.S, in Japan, and in the former Soviet Union. With our practical experience and specialized technical experts and program managers, Versar is uniquely positioned to address management and rapid response demilitarization activities.

Since 1969 Versar has been involved in thousands of commercial and government projects involving decontamination cleanup of training ranges, airfields, and sites contaminated with PCBs, radiological and explosive materials, and chemical and biological agents, as well as complex redevelopment of former military bases. A most recent job included assessment and decontamination of over 150 sites in the U.S. involving emergency response and decontamination for anthrax.

In Russia Versar missile experts and specialists from various engineering disciplines completed design of one-of-a-kind confined burn facility.







Threat Assessment and Management

From Terrorist Attacks to Natural Disasters

The Versar team can quickly and efficiently assesses vulnerability to risk from terrorist attack, biological and chemical warfare agent exposure, industrial accidents, or natural disasters. We develop solutions to mitigate those risks using our extensive hands-on expertise to protect workers, harden facilities, contain explosions and releases of chemical or biological agent or other toxic material, and secure facilities, critical operations, communication systems, and corporate data.

Industry Leader in Helping Organizations to Respond to Actual & Potential Threats Since the Fall of 2001

Versar's capabilities and know-how have grown from our support of the U.S. Army's Nuclear, Biological, and Chemical program over the

past 10 years. Versar is one of a few organizations that are licensed trainers for the Sandia Risk Management Methodology for Water (RAM-Wsm). We have implemented vulnerability assessments using the RAM-Wsm process at numerous water treatment facilities and municipalities around the U.S.

Equipment & Technology

Versar's team of experts brings to our customers specialized knowledge of the technology and equipment available for detecting an event, as well as personnel protection, decontamination, emergency response, and disaster recovery support.

Sophisticated Modeling and Simulation

Versar uses sophisticated computer modeling to predict a variety of attack scenarios. The modeling and simulation are used to assess the threat of potential events and the effectiveness of alternative actions for mitigation.

Personal Protective Equipment

Versar's wholly owned subsidiary Geomet Technologies, Inc provides comprehensive support in the development of personal protective equipment (PPE) to guard against exposure to chemical and biological warfare agents. Versar/Geomet services encompass every aspect of product development, testing and documentation, and training support.

We can rapidly analyze our customer needs and provide all necessary PPE.

Typical Products

- Protective Clothing
- Respiratory Protective Equipment
- Personal Cooling Systems
- Decontamination and Neutralization Kits
- Test and Repair Kits
- Nuclear, Biological, and Chemical Protection Accessories, Such as Gloves and Boots
- Hospital/Medical Suits, Masks, and Hoods
- Escape Hoods
- Interoperable Communications Equipment for First Responders (Interface for Linking Multiple Radio Frequencies, Variables, and Equipment)



Versar can assess needs and develop programs for detection and classification of chemical and biological agents and radioactive materials in the atmosphere. We have provided our services to various government agencies, including Defense Advanced Research Projects Agency, Naval Research Laboratory, and Naval Surface Warfare Center.

Our products and services include:

- Detector Needs Analysis
- Detection and Identification Kits
- · Detection and Monitoring System Design
- · Procurement and Installation
- Communication Networks Including Off-Site Monitoring Via the Internet



