

WESTON SOLUTIONS, INC.

# HOMELAND DEFENSE AND DISASTER RECOVERY

Planning, Prevention, Remediation, and Recovery

Vulnerability Assessment  
Facility Hardening  
Business Continuity Planning  
Infrastructure Recovery  
Remediation and Decontamination  
Data Integration  
Technology Application



**WESTON**  
SOLUTIONS®

*an employee-owned company*

## ➤ Facing the Issues:

Today, governments, resources, and citizens of the world community are faced with ever-changing threats of terrorism, both foreign and domestic. Our homeland defense is dependent on our increased awareness, preparedness, and ability to apply technology. Public, facility, and employee safety and security are paramount. Emphasis on reduced vulnerability and increased awareness and preparedness can ensure rapid infrastructure and financial recovery following an actual event.

The recent destruction of the World Trade Center in New York City and the anthrax attacks that affected U.S. Postal Service facilities, government offices, and citizens have emphasized the urgent need to assess our vulnerability and to prepare for, prevent, and respond to future terrorist threats.

Government agencies, commercial enterprises, and industrial facilities face myriad challenges, including the following:

- Defining the vulnerability and exposure of their facilities, high-risk products, supplies, and processes to external or internal attack.
- Hardening facilities, systems, and processes to lessen the likelihood and impact of an attack.
- Instituting extensive procedure modification, implementation, and training.
- Establishing procedures and systems to ensure business continuity and an expedient and orderly return to full operation and financial stability.
- Integrating current technology into all processes to help prevent, detect, and recover from an event.

WESTON understands these issues and is experienced in all phases of planning for and responding to terrorist acts.

## ➤ Solving Your Toughest Challenges:

WESTON has been solving tough environmental challenges for more than 40 years. In the area of homeland defense, we work closely with the U.S. EPA, U.S. Army Corps of Engineers, U.S. Postal Service, FBI, and other federal agencies, commercial enterprises, industrial facilities, and local response teams to provide the following:

- **Preparedness and Prevention** – WESTON provides emergency planning services to federal, state, and local agencies as well as private industry. We have experience in special event and emergency planning, resource pre-deployment, risk analysis and modeling, vulnerability assessment, and coordination of planning with local emergency agencies. We specialize in the utilization of leading-edge technologies for investigation, characterization, air monitoring/sampling, and remediation/removal/recovery.

- **Vulnerability Assessments** – During vulnerability assessment, WESTON identifies critical assets that require protection, such as buildings, structures, indoor air, HVAC systems, and information systems. WESTON utilizes an automated auditing system to streamline the assessment phase. We review existing standard operation procedures (SOPs) for process operations, security and surveillance, and fire protection and suppression systems. We then present facility and process hardening recommendations to reduce vulnerability to a terrorist act, sabotage or other disaster along with an associated cost benefit analysis.

WESTON can develop facility-specific monitoring and detection systems to ensure preparedness and provide early warning of the release of process chemicals and warfare agents. Additionally, WESTON has developed HVAC protection systems and decontamination procedures to protect facility air supplies and speed recovery after an event. This is a vital component of our business continuity planning services.



**Automated Processes Streamline Facility Vulnerability Assessments**

- **Facility Recovery and Consequence Management** – WESTON provides comprehensive sampling, decontamination, cleaning, and remediation of toxic, biological, reactive, radioactive, or explosive materials; unexploded ordnance (UXO); and ionizing radiation. WESTON has established strategic alliances in several key business areas to support consequence management in facilitating debris and high-hazard, and warfare agent analysis, handling, treatment and disposal. Our experienced technical personnel can rapidly develop large-scale remediation strategies to incorporate new technology.

## ► Bringing Benefit

WESTON's experience in planning, prevention, risk analysis, and remediation on homeland defense projects will provide the following:

- Increased public and employee safety through our prevention programs and response capabilities.
- Long-term environmental benefits by ensuring total and safe cleanup of chemical, biological, and/or radiological contaminants that endanger public safety and the environment.
- Growth in new business as a result of a greater sense of security, preparedness, and recovery.
- Lower insurance and bond costs due to documented planning, training, and preparedness and quantifiable catastrophic risk analyses.



**Rapid Deployment of Expert Teams to Solve Your Toughest Challenges**

- **Infrastructure Recovery** – Our Business Continuity Planning services facilitate rapid recovery following a disaster or terrorist attack, allowing our clients to quickly return to normal operations and reach financial stability. These services include threat reduction and protection planning and implementation, facility cleaning and decontamination, and multimedia sampling. WESTON has developed strategic relationships to guarantee rapid and reliable analysis of chemical, radiological, and biological agents as well as other airborne compounds. WESTON has performed facility testing and decontamination to ensure the safety of employees returning to work in areas impacted by the events associated with attacks on the World Trade Center, U.S. Postal Service facilities, and the Hart Building in Washington, DC.

WESTON also developed and implemented SOPs for screening, sampling, and decontamination in the event of a release of chemical, biological, radiological, or unknown agents.

Through similar involvement with other federal agencies, WESTON has responded to environmental emergencies and supplied personnel for operation of monitoring and sampling equipment. WESTON was involved with numerous tabletop and full-scale live exercises with local EPA, Coast Guard Strike Team, FBI, DOD, and local responders. We developed SOPs for responding to weapons of mass destruction (WMD) incidents, which have been implemented at the regional and national levels. As part of our involvement, WESTON is making equipment acquisition recommendations for monitoring devices, personal protective equipment, decontamination systems, technical reference materials, and mobile command post enhancements to bolster national and regional response capabilities.

**Data Integration Facilitates Communication** – WESTON provides advanced data management and communications capabilities to our clients and team members through our Virtual Private Networks (VPNs), geographic information system/facilities management (GIS/FM), and global positioning system (GPS) technologies.

WESTON's TeamLink<sup>SM</sup> is a web-based collaborative work site, designed to quickly organize and share data from any computer with internet access, web browser, and user account. Whether at your office, in the field, at home, or at a client location, project data are always available. Data are secured by SSL



**TeamLink SM Provides Easy Access to Project Information**

## ► Proven Project Management:

**Preparedness Planning Maximizes Public Safety** – WESTON assisted the U.S. EPA in special event planning, training, sampling, monitoring, analysis, and pre-deployment for numerous major events, including:

- 1996 Summer Olympics (Atlanta, Georgia)
- 1997 G-7 Denver Summit (Denver, Colorado)
- 1998 World Energy Conference (Houston, Texas)
- 1999 World Ski Championships (Vail, Colorado)
- 1999 NATO 50th Anniversary Summit (Washington, DC)

(Secured Sockets Layer) encryption technology and by individual member IDs and passwords, making TeamLink<sup>SM</sup> as secure as any on-line banking account.

In response to the USPS anthrax incidents, WESTON used TeamLink<sup>SM</sup> to quickly assemble a national project team, and to provide all team members at the USPS Command Center and elsewhere with up-to-date information on site status, sampling data, technical documents, management information, and available resources for deployment.

**Robotic and Remote Operations** – WESTON's Robotic and Remote Systems Group has deployed computer-controlled remote excavation and manipulation equipment in multiple remediation projects. In the past, WESTON has retrofitted many types of construction and technical equipment, and is positioned to provide an assortment of remotely directed equipment for use during response and remediation associated with a terrorist attack or other disaster.



***WESTON Rapidly Integrates Our High-Hazard Capabilities for Your Project Needs.***

**WESTON's Evolving Application of Technology to Combat Terrorism** – WESTON's response to the nationwide USPS anthrax incidents and support at Ground Zero in New York City required new technologies and techniques. Continuing forward, WESTON is evaluating cutting edge technology and innovative applications of existing technology. We are forming strategic relationships to develop new technology applications, including foam disinfectants, HVAC disinfection systems, and remediation robotics as future defense and recovery strategies.

**WESTON's Commitment to Safety** – WESTON's corporate culture integrates safety procedures into all aspects of a project lifecycle. Experience and application of Best Practices has resulted in award-winning safety operations and successful projects for our clients.



***Extensive Robotic and Remediation Experience Ensures Safe and Cost-Effective Cleanup***

**For More Information, Contact:**

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