

Security Solutions/Threat Assessments/Secured Site Analysis

The *Advanced Survival Technology Team* represents the best and brightest security assessment professionals in the world today. With over 100+ years of combined experience, we have the talent and specific engineering expertise, equipment, supplies and specialized components to immediately commence work and complete a quality project in the shortest possible time.

At *Advanced Survival Technology*, our mission is to provide a confidential and professional, "ALL HAZARDS" comprehensive approach to building security evaluations - encompassing the full spectrum of Threat Assessments, Asset Assessment and Recommended Countermeasures and Components.

Security Assessments

- Threat Hazard Assessment
- Full Site/Structure Risk Assessment
- Vulnerability Assessment
- Countermeasures
- Asset Value Assessment
- Hardened Assessment/Recommendations



Risk Control & Risk Management

Concepts of risk control and management are central to the *Advanced Survival Technology* evaluation and planning process. Risk control strives to minimize or eliminate to the extent possible each identified risk through the application of appropriate security strategies or "Hardening" measures. Risk management, in contrast, evaluates and quantifies identified risks, then prioritizes the requirements for security measures based on the assets critical vulnerabilities.

The *Advanced Survival Technology* Security Assessment Team identifies risks that can be controlled. The client determines which ones to accept, transfer, or avoid, taking into account that security measures or "Hardening" required to reduce or eliminate some risks might not be cost-effective or appropriate.

The risk analysis phase of an *Advanced Survival Technology* security assessment is based on the asset vulnerabilities or exposure identified during the vulnerability analysis. A loss event probability and impact assessment is carried out to determine the existing asset exposure or loss and its potential effects on the organization/company/structure.

Security Risk Chart



Our Advanced Survival Technology Assessment Teams are led by ex-Navy Seals, Military Special Ops, and Military Delta Force professionals that consult for the US Department of Defense, Department of Homeland Security, as well as other government entities.

The Advanced Survival Technology Team offers the world's finest security assessment professionals, structural engineers, blast engineers, EMP engineers, and state-of-the-art Chemical, Biological, Radiological, Nuclear, and Toxic detection system engineers and system providers.

CBRN Threat Mitigation

By their very nature, shelters and underground bunkers require highly specific life safety and threat mitigation features in order to perform their primary mission: protecting your family. This is not a job for the common contractor. Success requires a unique expertise in WMD's, blast effects mitigation, adversarial assaults, shelter dynamics, threat mitigation measures, advanced HVAC systems, structural steel/concrete and earth work operations.

We mitigate various threats by employing a Multi-Hazard Engineering methodology that not only recognizes individual hazards/threats sequentially but also address all hazards/threats simultaneously as a problem of optimization under constraints. The facility/shelter/building can be protected against a wide range of threats including WMD's, forced entry, armed assaults, climate change, 2014 Threat Event Scenarios, biological, radiological, explosive (CBRE) agents, air-blast, ground shock, penetration, fragmentation and damage to the structure and equipment due to explosive loading.

As Professional Architects, Engineers, Security Specialists, Project Managers, Military, Special-Ops, and Ex-Navy SEALs with over 100+ combined years in shelter construction experience, our approach methodology is to professionally and confidentially complete the designs, and covertly construct the facility while ALWAYS working in the best interest and confidentiality of our Clients.

