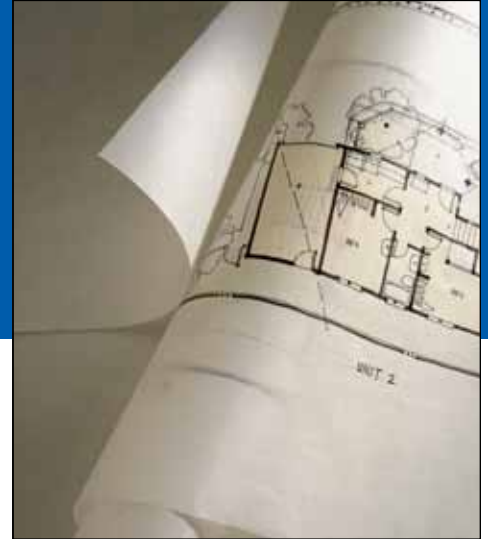# Assessment Services

ENSCO's "security-in-design" evaluation can take place pre-, mid- or post- construction.

Organizational threats can come from anywhere and everywhere—accidents, terrorism, natural disasters, cyberspace, criminal activity—even from within one's own team. To protect critical assets, companies and agencies require timely and comprehensive security assessments that offer customized technology, training and planning protocols to ensure an integrated approach to security.
ENSCO, Inc. offers a thorough approach to unbiased and credible assessments.

Since 1987, ENSCO has partnered with the Defense Threat Reduction Agency (DTRA) to provide mission survivability assessments for some of the United States' most critical national security systems and architectures. Our subject matter experts are committed to delivering an unbiased, full-spectrum analysis as we identify critical vulnerabilities and reduce or eliminate threats through recommended changes in concepts of operations, infrastructure or technology.

We bring the experience and expertise of more than 300 of these nationally critical assessments to bear for all of our customers.

Red team assessments

Computers, buildings and even personnel can leave an organization vulnerable to virtual and physical attack. ENSCO's impartial, third-party review of operational security standards ensures that safeguards have not been compromised and are working effectively. Our experts emulate an adversary and conduct open source data searches, scouring the Internet for information that might leave an organization susceptible. By hacking computer systems to gather data used to hypothesize disaster scenarios, we conduct covert site analyses to seek out physical vulnerabilities and perimeter-breaching exercises to identify pervious areas. We also perform discreet personnel exchanges to gain information. Upon completion of such an assessment, the customer receives a report that outlines vulnerabilities and mitigation strategies. ENSCO also identifies technologies and potential training that will stopgap the identified weaknesses.

The U.S. government relies on ENSCO's skilled subject matter experts and our thorough approach to assessment services to protect its most critical assets—locations where there is zero tolerance for security failure

ENSCO has conducted more than 300 assessments for U.S. and allied critical infrastructure.

Since 1996, ENSCO has lead an interagency Red Team to conduct all-source assessments aimed at identifying critical vulnerabilities within the U.S. nuclear command and control architecture. This is done by emulating foreign intelligence services or terrorist organizations operating against national assets.

Blue team assessments

Our Blue Team reviews include all aspects of physical and virtual security to identify the nature and likelihood of a threat, from chemical to cyber attack. The process and outcomes of a Blue Team assessment are similar to Red Team results; however, we collaborate with a customer's staff in an open, transparent manner.

ENSCO's Blue Team experts identify and assess mission survivability vulnerabilities in U.S. and allied critical infrastructure systems. We recommend changes in concepts of operations, infrastructure and technology to reduce vulnerabilities and provide long-term investment strategies for risk management. Types of facilities assessed include communications networks, command and control (C2) centers, critical infrastructure, hardened and underground structures, military installations and logistical centers. We have also conducted Balanced Survivability Assessments (BSAs) on dams, ports and medical research centers.

Security in design

The most effective time to evaluate the security of a building is prior to construction. ENSCO works closely with companies and architectural firms at the blueprint stage to make security as much a construction priority as structural integrity. Our proactive approach eliminates the expense of retrofitting a building post-construction by exposing vulnerabilities early. However, it is never too late to assess a building's susceptibility; ENSCO's "security-in-design" evaluation process can be executed pre-, mid- or post- construction.

The importance of experience

ENSCO's experience is proven, and our range of customers is broad. Our teams have performed more than 300 successful assessments in 20 years for U.S. and allied critical infrastructure, hardened and underground structures, military installations and logistical centers.

ENSCO serves a wide range of customers including many federal departments, branches of the military and international peace-keeping organizations. Our proven methodology can also be effectively applied to high-risk commercial entities such as oil and gas manufacturers, hospitals and pharmaceutical makers, international agencies and government offices including embassies and federal buildings.

ENSCO's comprehensive approach includes the following:

- Surveillance operations
- Physical security
- Vulnerability to WMD/chemical attack
- Blast analysis and modeling
- Emergency operations
- Structural engineering
- Cyber intelligence
- Telecommunications
- Social engineering

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