



ARMY CORPS OF ENGINEERS

ELECTRONIC SECURITY CENTER

Unmatched experience
and technical expertise
make Huntsville Center
the recognized leader
for Electronic Security

Volume 1, Issue 1

Systems

WHO WE ARE AND WHAT WE DO

The Electronic Security Center (ESC) was established in 1983 by Army Regulation 190-13 at Huntsville Center. The ESC provides a wide range of electronic security system-related services to U.S. government agencies worldwide. These services embrace physical security, force protection, anti-terrorism, and vulnerability reduction. Comprised of highly trained, experienced Electronic Security System specialists, the ESC engineering team can respond quickly and efficiently to an end-user's needs. The ESC provides all aspects of electronic security to include surveys, design, engineering, procurement, and installation services to cost-effectively satisfy end-user requirements.

The Center supports Headquarters, U.S. Army Corps of Engineers in criteria development for design, construction, procurement and evaluation of electronic

security systems. In addition, ESC provides other Corps elements with technical assistance during design, construction, procurement and check-out phases of electronic security system projects. The ESC assists the Corps of Engineers Protective Design Center with the electronic security portions of their projects.

Upon request by other Army elements, the Center conducts site surveys to gather selection and installation information. ESC provides engineering support to the Department of the Army together with the Product Manager-Physical Security Equipment (PM-PSE) in fielding electronic security systems throughout the Army.

The ESC has developed course materials and is currently providing electronic security design courses for the Army and other U.S. agencies upon request.



ONE-STOP SERVICES

Not too many years ago, the Electronic Security Center only did work for the Corps of Engineers and the Army but today our services are available to any U.S. government agency or affiliate upon request.

According to John Brown, Program Manager for the Electronic Security Center (ESC), the basic elements of an effective physical security system includes detection, assessment, delay and response. The ESC concentrates on the detection and assessment areas. Detection include intrusion sensors and electronic entry control, while assessment focuses on the application of closed circuit television systems (CCTV).

THESE SERVICES ARE AVAILABLE WORLDWIDE.

• Research & Development	• Master Planning
• Designs	• Criteria Development
• Procurement	• Electronic Security System (ESS) Training
• Test & Inspection	• System Installation & Integration
• Monitoring & Maintenance	• Training
• Surveys	• Barriers
• System Assessment	• Technical Support
• Technical Security Solutions	• Access Control
• Interior Sensors	• Exterior Sensors
• Closed Circuit Television (CCTV)	• Data Transmission
• Barriers	• Annunciation Systems
• Systems Integration	• Multiple Open-Ended Contract Vehicles

WHY CHOOSE THE ESC TEAM?

• Direct and immediate services to any federal agency.	• Full range of security products and services, delivered or installed anywhere in the world.
• Products and services acquired competitively, under the federal streamlined procurement process.	• System user and maintenance training at your facility.
• Comprehensive, in-process inspection and acceptance testing program.	• Multiple open-ended contract vehicles in place.
• Pre-screened products that meet Corps of Engineers standards.	• Funding and programming support services.
• Low, competitive overhead rates.	• Effective security solutions by experienced engineering personnel



OUR CLIENT LIST

The Electronic Security Center's first non- Corps of Engineers or Army client was the Federal Bureau of Investigation. Currently, the Smithsonian Institution is the largest client with a system integration program worth as much as \$15 million.

- Bureau of Engraving and Printing
- Program Manager, Chemical Demilitarization
- U.S. Army Major Commands
- U.S. Navy
- U.S. Army Corps of Engineers
- National Guard Bureau
- Smithsonian Institution
- Kwajalein Atoll
- Federal Bureau of Investigation
- Defense Logistics Agency
- Immigration and Naturalization Service
- Bureau of Land Management
- Olympics/Worldwide Sporting Events
- Bureau of Reclamation
- U.S. Customs Service
- Pentagon

WHAT WE DO WHEN YOU CALL

When a request comes in, the ESC uses a four step process to handle the call. The team must first identify the security needed; then, conduct a site survey; design the recommended measures; and finally, implement and install the security system. This process can take anywhere from three months to one year.

Currently the ESC team includes project engineers, contract specialists and support personnel. They do not mind traveling either! They not only travel the CONUS but also Germany, Japan, Korea, Bosnia and Russia. *Have engineers, will travel!!*



COURSE DATES AS OF OCTOBER 2000

Course Name	Dates	Location
DAMO-ODL	29 Jan - 2 Feb 2001	Huntsville
CORPS of ENG	5 - 9 Mar	Huntsville
USMC	26 - 30 Mar	Huntsville
USMC	30 Apr - 4 May	Huntsville
USAREUR	25 - 29 Jun	Heidelberg
DAMO-ODL	16 - 20 Jul	Huntsville

ELECTRONIC SECURITY SYSTEMS DESIGN

PURPOSE:

This course provides a forum in which the students will gain a basic understanding of the theory and operation of electronic security systems. The course is recommended for personnel who are involved with force protection, design, or construction of military or civil facilities which require electronic security systems.

DESCRIPTION:

This course covers intrusion detection systems, interior and exterior intrusion detection sensors, closed circuit alarm assessment television and lighting systems, and electronic entry control systems. The course covers basic system description and operational theory, application for physical security and force protection, system design information, preparation of plans and specifications, use of Corps of Engineers criteria documents, and discussion on evaluating and testing installed systems prior to acceptance.

ETSC POINT OF CONTACT

PHONE: (256) 895-1740

Contact-ESC@hnd01.usace.army.mil

FORCE PROTECTION EQUIPMENT DEMONSTRATION

The Force Protection Equipment Demonstration (FPED) III will be held again at Quantico Marine Corps Base, VA from 8 - 10 May 2001. The event's purpose is to identify and demonstrate material solutions to force protection challenges. Attendees will have the opportunity to observe and talk to vendors of commercial-off-the-shelf force protection equipment. The FPED requires vendors to demonstrate rather than merely display their equipment.

The Electronic Security Center (ESC) will have a booth at the FPED, and everyone is welcome to stop by and meet the ESC team members and the services they can provide from an electronic security system standpoint to meet their force protection needs. Personnel looking for protective design solutions should be sure and ask us about Omaha District's Protective Design Center (PDC) and explore the services provided by their organization.

