Signature Operations (SigOps) provides an array of tactical and expeditionary training to support both military and civilian personnel deploying to hostile and less than permissive environments. Regimen design and instruction are also available for those in more visible positions, such as executives or declared diplomats. Using a modular approach, our course designers and instructors offer mission-tailored programs of instruction to clients engaged in federal, state, and local public safety and consequence management, defense and intelligence operations, risk assessment and mitigation strategies, and military expeditionary and support operations. SigOps core lesson plans and courseware range from familiarization and introductory courses to advanced client-specified courses integrating precise tactics, techniques, and procedures executed by sophisticated operators during high-risk, high value mission deployments.

We support a myriad client base across the United States and internationally from our headquarters in Austin, Texas, and operations in San Antonio and Washington, D.C. SigOps Training combines the best of our firm’s assets – a staff with tactical, operational, and scientific expertise achieved through years of service and support to a diversified and distributed clientele – and facilities that were designed and selected specifically to support both classroom instruction and field training.

Whether your requirements involve response or engagement, SigOps can assemble a program of instruction perfectly suited to meet your training needs. Our courses involve practical, hands-on training supplemented by scientific and adult educational principles. The training modules are all based on lesson plans and learning objectives and include remedial attention, if required. Instruction is scenario-based and emphasizes experiential learning.

SigOps instructors are both experienced practitioners and experienced trainers – not one or the other. Our instruction techniques are tailored to optimize student comprehension and mastery. Our goal is to ensure that your training experience is unparalleled, your staff is exceptionally prepared, and you operational confidence is elevated and sustained at the highest level.

On the cover: Range Safety Officer compares coordinates in land navigation course with operations leader.
Introducing Signature Operations (SigOps)

A division of Signature Science, LLC, located in Austin, Texas, SigOps is led by and staffed with skilled, experienced, and dedicated military and paramilitary-trained commanders, operators, and instructors. SigOps faculty and staff hail from U.S. Special Forces, tactical military and paramilitary units, federal law enforcement, and state and municipal police. Each is committed to providing the most contemporary and experiential training possible. Our faculty and staff share a culture with today’s operators, expeditionary personnel, police, and those whose mission leas them to potentially hostile environs. Our company is committed to our military, law enforcement personnel, fellow citizens, and allies in need of tactical field skills, in-garrison security, policing and command knowledge, chemical, biological, radiological, nuclear and explosives (CBRNE) readiness and consequence management capabilities, and/or threat avoidance and risk mitigation savvy. SigOps has the capacity to offer its training programs at various levels of confidentiality and attribution.
Eight hallmarks characterize the SigOps philosophy: Client Intimacy, Collaborative Requirements Conference (RC), Low Student-to-Instructor Ratio, Remedial Extra Mile Instruction, Managed Logistics, (Perfect) Practice Makes Perfect, Anonymity, and Cohort Training.

**Client Intimacy** – We listen to your requirements, learn your unique environment, and collaboratively tailor a regimen for your team. Our culture, rooted in military and paramilitary operations and the scientific method, guides our engagement. Client and environmental knowledge, discipline-specific expertise, quality measures, continuous evaluation, and adaptability are the attributes of a SigOps engagement.

Generic cookie-cutter training offerings have a commodity effect upon tactical operations training, often reducing selection of training to cost considerations. Because we are in the business of protecting the very lives of our clients, we are committed to training with individual program design, modular regimens, and tailored support. We price our programs competitively – even by commodity standards. We do not cut corners, nor exchange effectiveness for superficial cost reduction.

**The RC** – Our collaborative requirements conference allows our staff to amend and adapt our modules, core lesson plans, and courseware to your needs. The RC facilitates mutual learning and sharing of expertise and experience – just one of our quality assurance measures to increase the training relevance.

**Low Student-to-Instructor (S:I) Ratio** – Low S:I ratio gives us the manpower to achieve the other hallmarks described here. Our S:I ratios are always better than standard industry practices.

**Remedial Extra Mile Instruction** – We understand “no man left behind” and live by it willingly, providing in-course/after-course remedial instruction and assistance to struggling students. Our extra mile efforts are often appreciatively cited in our student feedback evaluations.

**Managed Logistics** – “Shooting” means shooting, “driving” means driving, “practice” means practice, and “training” means training. SigOps students are not assigned collateral duties to expedite the training. SigOps training cadre is fully staffed with instructors and training support personnel. We move the targets, police the brass, place the cones, arrange the transportation, play the roles, or operate the instructional technology. Instructors instruct, students are trained, and our dedicated support staff takes pride in keeping it that way.

**(Perfect) Practice Makes Perfect** – Students learn, demonstrate, and practice … practice … practice. Most of our offerings are weighted to experiential learning and reinforcement through action, facilitated by managed logistics and low S:I ratio. You will shoot more, drive more, evade more, negotiate more, and all-in-all you will achieve more!

**Anonymity** – Our clients include government personnel often assigned to mission-sensitive units and activities or corporate executives or staff requiring discrete training. Because of our shared culture, we understand your OPSEC concerns and can meet virtually any of your student or organizational anonymity requirements. Because we have provided discrete services to the full spectrum of governmental entities, SigOps can amend and adapt our program management and business processes to accommodate your security needs.

**Cohort Training** – Consistent with our client intimacy business methodology, we prefer not to mix students from multiple organizations. Cohort training, combined with overnight location(s), also serves a qualitative purpose: it facilitates *esprit de corps*; extends learning beyond the instruction day as students interact in informal settings; builds professional networks or strengthens interpersonal working relationships; and minimizes the temptation of daily office demands or home life for the short, intense period of instruction.
Weapons training emphasizes correct firearm manipulation and firearm safety in addition to fundamentals of marksmanship, tactical skills, and proficiency.
SigOps can incorporate night- or low-light fire into weapons training and field exercises.
Expeditionary Tactical
Skills Modules

The combination of irregular threats, networked enemies, and the expeditionary nature of defense operations have dramatically increased the likelihood of attacks during routine operations. Expeditionary Tactical Skills Training provides specialized instruction relating to tactics, techniques, and procedures to meet these new threats and amplifies the criticality of weapons and driver training.

Driver Training

● **Hard-Surface Driving**
  ○ Vehicle dynamics, capabilities, limitations
  ○ Steering wheel management - acceleration/braking techniques – high speeds
  ○ Tactical, evasive maneuvers, turns, push-outs, pitting, etc.
  ○ Vehicle manipulation and recovery drills under routine/non-routine conditions

● **Off-Road Driving**
  ○ Effects of road conditions on vehicle dynamics, capabilities, limitations
  ○ Low/no traction environments and over obstacles, water, etc.
  ○ Off-road recoveries to include winching, jacking, field expedient measures, etc.
  ○ High center of gravity, vehicle weight transfer, and armored vehicle considerations in an off-road environment

● **Motorcade Driving**
  ○ Route familiarization and planning
  ○ Two-vehicle or multi-vehicle motorcade – criticality of communications
  ○ Motorcade protocols – distances between vehicles, intersection drills, etc.
  ○ Vehicle manipulation and recovery drills under routine/non-routine conditions

● **Convoy Driving**
  ○ Tactical differences between motorcade and convoy operations
  ○ Convoy formations – criticality of communications
  ○ Convoy protocols – distances between vehicles; intersections; blocked lane; control maneuvers; ambush recognition/avoidance; turns; vehicle control - forward/reverse slalom
  ○ Downed man scenarios requiring vehicle transfer
  ○ Attack/ambush drills
  ○ Blocks, shields, pinch maneuvers to control roadway
  ○ Ambush recognition and avoidance
  ○ Turn around maneuvers

● **Actions on Contact**
  ○ Evasive driving and response to attack scenario drills
  ○ Combined shooting and driving drills
  ○ Airsoft weaponry and impact vehicle drills
  ○ Force-on-force scenarios
  ○ Attack/ambush evasive/escape drills
  ○ Replication of hostile events and environments

Driver training may be presented in day and/or night formats.

Weapons Training

● **Handgun** (semi-automatic pistol)
  ○ Correct firearms handling/manipulation, firearms safety
  ○ Care and maintenance
  ○ Fundamentals of marksmanship
  ○ Tactical skills: sight management; recoil management; speed reload; malfunction drills; cover/concealment drills; single/multiple targets
  ○ Proficiency: qualifying on approved qualification course of fire

Students learn how to modify driver practices to traverse difficult terrain and mobile strategies to evade attack or ambush involved in off-road conditions.
Students practicing tactical skills and fundamentals of marksmanship at firing range.
Tactical Medicine

- **Combat Medical: Basic Medical Care – 1-Day**
  - Casualty assessment
  - ABCs of First Aid: Airway, Breathing, and Circulation
  - Medical skills: bandages; pressure dressings; tourniquets; burn treatment; dressings; heat casualties; tactical evacuation methods

- **Combat Medical: Medical Care in Tactical Situations Training – 3-Day**
  - Core fundamentals of body physiology and emergency care as related to the recognition and management principles of hemorrhage and shock, airway and breathing problems, and chest injuries
  - Pharmacology – pain management, antibiotics
  - Casualty evacuation
  - Care under fire
  - Medical skills: airway clearance/breathing; hemorrhage management; intravenous access; head-to-toe trauma survey in tactical situations; placement of oropharyngeal and nasopharyngeal airways; emergency decompression of a tension pneumothorax with needle thoracostomy; intravenous access; identification/treatment of ballistic wounds, bleeding control; shock management

- **Combat Medical: Advanced Medical Care in Tactical Situations – 5-Day**
  - Advanced training in tactical casualty care
  - Medical skills: patient assessment; hemorrhage control: tactical arterial tourniquets; pressure and occlusive dressings; shock management; airway and tension pneumothorax and breathing management; intravenous access; ballistic wounds; thoracic trauma, blast/burn injuries; splinting, head and spine trauma/immobilization; chest, abdominal, and pelvic trauma; pharmacology (contraindications and proper doses and timing of oral antibiotics, oral pain management, and over-the-counter “comfort” medications); injury patterns in asymmetric warfare, casualty carries, and casualty evacuation
  - Casualty response field training exercise under simulated battle conditions using experienced field medics as role players, moulage, and simulated weapons/explosives

**Signs of Tactical Medicine (SigOps)** offers a variety of tactical medical training modules ranging from basic medical procedures to comprehensive combat casualty care curriculum to assess, treat, and transport combat injuries.

- Casualty response field training exercise under simulated battle conditions using experienced field medics as role players, moulage, and simulated weapons/explosives

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**Force Protection Tactics, Techniques, and Procedures**

- Tactical operations in a CBRNE environment
- Urban warfare
- Tier 1 force integration
- Convoy operations

**Improvised Explosive Device (IED) Familiarization**

- Awareness of current usage of IEDs
- Types and constructs of IEDs
- Employment/concealment methods
- Activation methods
- Recognition skills, safety precautions
- Vehicle search procedures
- Hot zone management
**JFAS Weapons Laboratory**

SigOps utilizes a sophisticated, game-based shooting laboratory for shooter diagnostics, remedial tendency correction, and judgment and scenario introduction. The computer-based system, JFAS (Judgmental Firearms Simulator) consists of numerous scenarios with multiple drills that are specifically created to reinforce the learning objectives of our live fire range training.

Situational awareness is key in any high stress or complicated situation such as tactical operations. As the student moves through each scenario, situational awareness, speed, and accuracy is required to make “shoot/don’t shoot” decisions. Exposure to these scenarios, which are projected on a large screen, requires the student to assess the situation, make a good decision, and act. JFAS supports both replica weapons and authentic weapons fitted to support laser and training rounds.

The JFAS Weapons Laboratory is used to identify the prowess of each student’s shooting tendencies and to assess the student’s strengths and weaknesses. Once identified, we can better tailor live fire instruction for maximum learning and improvement as well as to improve student’s speed, accuracy, and decision making skills.

Computer-based marksmanship training provides a safe, cost effective method for students to hone their weapons skills in a controlled environment prior to confronting the realities of the battlefield. It is an additional training tool used by SigOps that allows both student and instructor to recognize individual shooting tendencies, enhance focus, and make corrective actions to ultimately improve performance in real-world confrontations.

“It also provides a way for the leader to measure performance—then work at those areas that need focus—and a way to train specific tasks that would require extensive logistical requirements to execute. Virtual training allows a soldier to conduct reparative training.”

Fred Roberts, Training Specialist, Systems Division G3, U.S. Army Infantry School, Fort Benning, GA

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*The JFAS Weapons Laboratory is used to identify individual shooting tendencies.*
Risk Mitigation and Threat Avoidance Modules

The global security environment has changed dramatically in the last 15 years. The comfort zone of traditional warfare with heavy forces arrayed across the terrain has given way to a dynamic new threat environment replete with irregular adversaries fighting an asymmetric style of warfare. Constant vigilance and elevated awareness are crucial to preventing, mitigating, and recovering from surveillance activities designed to threaten the safety and security of individuals. While it may be impossible to plan for and prevent every eventuality, being equipped to properly respond helps mitigate the events that do occur.

- Situational Awareness – Threat Recognition and Response
  - Introduction to security awareness and current attack methodologies
  - Multiplicity of threat: crime, terrorism, Foreign Intelligence Services
  - Adversarial motivation, surveillance tendencies, and observable behaviors
  - Personal and team observation/reporting/skills

- Surveillance Detection I
  - Introduction to conducting surveillance detection
  - Recognizing detectable surveillance behavior drills
  - Recognizing optimal surveillance location drills
  - Operational tactics and techniques
  - Weighted with drills and exercises

- Surveillance Detection II
  - Concepts and applied experience in conducting vulnerability assessments
  - Formulation of effective facility detection plans
  - Route analysis, assessment, and selection
  - Introduction to counter surveillance on foot and in vehicles
  - Individual and team surveillance
  - Basic tactics, techniques, tools, communication
  - Operations planning and execution

- Structured Field Training Exercise (FTX)
  - Designed around students’ primary mission
  - Scenario driven by current threat

- Focused on off-site advances
- Conducted in various environments: city, rural, malls, government buildings, hotels, airports, roadways
- Utilizes experienced role players, observers, instructors, and evaluators

- Apprehension, Avoidance, and Escape
  - Recognize and assess abduction threats
  - Understanding emotions/attitudes of adversaries
  - Kidnapping methodologies and regional variations
  - Initial assessment and response
  - Negotiations
  - Psychopathology of the hostage experience
  - Tactical skills: trunk escapes; hot-wire vehicle; moving while bound; breathing control; nonverbal communication; escape/measured movement
  - Exploitation of escape techniques

- First Response: Crisis Intervention and Mitigation
  - Protocols: Incident Command System (ICS) and National Incident Management System
  - Evolution of crisis negotiations
  - First responder negotiations
  - High risk indicators
  - Common psychological disorders
  - Situational assessment
  - Crisis/suicide intervention
  - Emerging terrorism threats

Through risk mitigation and threat avoidance modules, students learn methods to prevent, mitigate, or recover from surveillance activities designed to threaten the safety and security of individuals or facilities.
Disaster Management

Disasters, whether man-made or acts of nature, require an immediate, coordinated response from a variety of resources. Identifying these resources, developing structure, doctrine, and processes are the first step in disaster management. Disaster management is the discipline of planning for, avoiding, and dealing with risks using a four-pronged effort – mitigation, preparedness, response, and recovery. SigOps has developed a series of training modules to assist clients in the development of a coordinated, disciplined approach that relies heavily on creativity, adaptability, and agility as situations change.

Incident Command
The curriculum addresses the principles and features of an incident command system based on the U.S. National Incident Management System Training Modules. The course includes incident command system organization, incident facilities (e.g., command post, staging area, bases, camps, heliports), incident resources (e.g., strike teams, task forces, single resources), and other common responsibilities.

Disaster Preparedness
The curriculum addresses the continuous cycle of disaster preparedness: planning, organizing, training, equipping, exercising, evaluation and improvement activities. Special emphasis is placed on the importance of effective coordination and continually growing governmental capacity to protect against, respond to, recover from, and mitigate against natural disasters, acts of terrorism, and other man-made disasters.

Disaster Response Operation
The curriculum addresses the response phase of disaster management including the mobilization of local emergency services and first responders in the disaster area and the integration of military operational support. The essentials of how to fulfill the basic humanitarian support for the affected population using the assistance provided by partner nations and non-governmental organizations is also included. The course addresses mortuary services as a phase of disaster response.

Disaster Management Technologies
The curriculum addresses key technologies, such as WebEOC, to assist in the management of large disasters. WebEOC is a web-enabled crisis information management system. It provides secure real-time information sharing to help managers make sound decisions quickly. The course instructs organizations on how to integrate WebEOC into their disaster management systems.

Search and Rescue
The course involves an introduction into the basic aspects of search and rescue including land navigation, search technique, rope, water, helicopter, and confined space rescue methodologies. The program also offers a short review of the technical concepts of search and rescue principles, the management of the initial rescue response using the incident command system, and the importance of a clear, systematic, practical approach to a search and research event. The training can be customized based on the specific needs and requirements of the client.

Soldiers simulate personnel recovery during a field training exercise.
Criminal Justice Policies, Practices and Procedures Modules

The highest duty of government is to provide for the safety and security of the public. Policies, practices, and procedures in conjunction with contemporary technology and information sharing are necessary for the effective operation of the criminal justice system. Many of SigOps instructors have a strong background in every facet of public safety and have prepared courses that substantially add value to the practice of criminal justice. In addition, the international complexity of transnational crime, combating terrorism, narcotics, and human trafficking necessitate our need for information sharing and cooperation as never before. Drawing from each others’ resources, sharing ideas, and collaborating on investigations and operations is critical to the success of law enforcement professionals.

Basic Criminal Investigation
● Introduction to criminal investigations
  ○ Goals of criminal investigation
  ○ Basic functions
  ○ Characteristics of an effective investigator
● Investigative processes
  ○ Initial response
  ○ Crime scene investigation
  ○ Preservation of evidence – protecting the crime scene
  ○ Investigative tools (photography, videography, sketches, forensics, etc.)
  ○ Conducting preliminary investigation
  ○ Follow-up investigation
  ○ Sources of information
  ○ Legal requirements of vehicle, building, and person searches
  ○ Developing a suspect
  ○ Identifying, locating, and arresting a suspect
● Examination of evidence
● Interviewing and interrogation skills
● Documentation
● Case preparation
● Court testimony
● Case management

Organized Crime
● Elements of organized crime
● Anti-gang strategies, investigation, enforcement
● Narcotics interdiction
● Trafficking – weapons, humans, contraband
● Financial crimes – money laundering
● Surveillance
● Undercover operations
● Confidential informants
● Seizures and asset forfeiture
● State vs. Federal prosecution

Forensics
● Discovering evidence
● Evidence management
  ○ Collection
  ○ Processing
  ○ Packaging and preserving
  ○ Chain of custody
● National databases – fingerprints, DNA, ballistics
● Scientific methods
● Court testimony

Intelligence-Led Policing
● Requirements - determining what matters
● Planning and direction
● Collection
  ○ Internal/external information sources
  ○ Data collection for different end users – prosecution vs. interdiction
  ○ Source reliability, validity, relevance, levels of sensitivity, etc.
  ○ Legal constraints – records retention
● Processing and exploitation
  ○ Data organization
  ○ Compatibility of database internal/external information systems
  ○ Commercial off-the-shelf software vs. customized database design
● Analysis and production
  ○ Intelligence product development
  ○ Tools
  ○ Proving/disproving hypothesis
  ○ Conclusions/alternate scenarios
Dissemination
  ○ Audiences
  ○ Methodology
  ○ Report distribution
  ○ Fusion center participation

Management and Leadership
  ● Organizational structure
  ● Policies and procedures
  ● Recruiting and training
  ● Integrity
    ○ Internal investigations
    ○ Citizen oversight
    ○ Separation of civil and criminal investigations
  ● Technology and equipment

Prosecution, Courts, and Correction
  ● Goals – often disparate within criminal justice system
  ● Basic functions
  ● Rules of evidence
  ● Practices and procedures

Case management
Alternatives to adjudication
Communication among police, prosecutors, public
Probation management
Parole management
Prison systems

Active Shooter
  ● Paradigm shift in police response tactics and training
  ● Lessons learned from active shooter rampages
  ● Exterior/interior tactics
  ● Communications – ground control
  ● Room searches/entry/clearing
  ● Cover drills
  ● Team tactics
  ● Combative tactics/take downs
  ● Suicide bomber/explosives
  ● Less lethal options
  ● Crime scene management
  ● Aftermath operations

SigOps expert instructors can get you from crime scene to court room via a full range of investigative and forensic training.
Site and Installation Security Modules

Fences, barricades, and sophisticated sensor systems, while important components of site security, are of limited use as they only detect an intruder after an attack is launched or provide some measure of response following the attack. Installation defense forces must seize the initiative from the enemy through a thorough understanding of potential attacks, robust surveillance detection activities, and first responder readiness.

Recent security threats necessitated a shift from a garrison security mentality to integrated security operations that encompass an “all hazards” approach. A systematic program is required to shepherd such alterations and address capability gaps in an integrated site security defense plan. SigOps has created a series of modules that may be presented with a Security Officer focus or with a Command Staff focus to meet these new challenges.

Site Surveillance and Installation Security
- Operational planning and execution to interdict and counter hostile activity
- Information management – incident reporting, intelligence databases
- Discreet identification using quality photography
- Surveillance/counter-surveillance detection techniques

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- CBRNE detection TTP and sensor array protocols
- CBRNE results and data analysis
- Threat assessment and attack site analysis
- Access control point, facility, and route security

First Responder Readiness
- CBRNE preparedness and tactical operations in a CBRNE environment
- Explosive and energetic materials
- Decontamination methods
- Crisis intervention and mitigation
- Trauma intervention and casualty care
- Emergency first aid
- CBRNE FTX
- Weapons training
- Driver training

Command Response and Consequence Management (Command focus only)
- Developing and managing site security TTP
- Staffing and training site security officers
- CBRNE preparedness
- Technology solutions
- Crisis management concepts for commanders and staff
- Media relations for commanders and staff

Our Site and Installation Security modules prepare students to recognize areas that may be vulnerable to surveillance.
The Ultimate Training Combination: Experienced Practitioners, Trainers, Teachers, Contemporary Knowledge, & Progressive Facilities

SigOps offers a diverse cadre of specialists and facilities to provide an exquisite, challenging training experience. Our team – comprised of instructors, logistics and support staff, and program management – represent a unique body of knowledge gleaned from formal education combined with practical experience obtained from various military, intelligence agencies, and law enforcement careers. All instructors are both experienced practitioners and experienced trainers. All are properly certified in the respective subject matter and as adult education instructors. Our strength and contribution to your training program lies in quality and breadth of our training team and our dedication to meeting the training needs of your unique environment.

Expertise by Training Offering

Expeditionary Tactical Skills
- Member of Counter Assault Team & Quick Reaction Force in Iraq
- Lead driver in over 22,000 miles of convoy operations in Iraq
- Representatives from Army, Navy, Air Force, & National Guard
- Medical Section Leader – National Guard Director of Emergency Preparedness & Management, Hospital Corporation of America
- Ranger Team Leader and Navy Seal operations
- Firearms instruction for local, state, and federal agencies

Risk Mitigation and Threat Avoidance
- Supervised surveillance teams – CONUS/OCONUS
- Instructor at John F. Kennedy Special Warfare Center for Special Operations personnel
- Long-range reconnaissance and surveillance operations, infiltration/exfiltration techniques, airborne, fast-rope, rappelling, and waterborne insertions; STABO, air mobile extractions, multiple weapons systems and demolitions
- Conducted surveillance operations and training in over 80 countries
- Human Intelligence (HUMINT) collector

Defensive Tactics
- Certified Krav Maga – First Degree Black Belt
- Certified Brown Belt in Tae Kwon Do
- Member of the Krav Maga Worldwide Advisory Board

Criminal Justice Policies, Practices, and Procedures
- SWAT – Team Members/Leaders
- Narcotics – Organized Crime investigators
- Hostage/crisis negotiations conducted domestically and internationally
- Investigated Unabomber, World Trade Center bombing 1993, John Walker spy case, Oklahoma City bombing

Site and Installation Security
- Provided personal security for Department of State officials
- Co-developed Surveillance Detection Field Guide used by the State Department
- Designed/implemented Canine Chemical-Biological Detection Program

Instructor Experience

Military – Over 300 years
Instructor – Over 230 years
Law Enforcement – Over 150 years
Medical – Over 75 years
Special Forces – Over 60 years
Security Ops – Over 60 years

Virtually all of our instructors – many of whom served most recently in Afghanistan and Iraq – separated from their respective service within the last five years.
Signature Operations
Staff

Executive Oversight
Mr. William M. Thompson, Vice President of Signature Science, is a former member of the Senior Executive Service with over 23 years national intelligence community experience, to include leadership of the Joint Military Intelligence Training Center and GDIP program management responsibility for the Defense Intelligence Training System. He also oversaw DoD CI investigation support and CI analysis on foreign intelligence services. He brings a strategic perspective to curriculum, operational planning, and execution. Mr. Thompson holds an M.A.S. degree from the Johns Hopkins University.

Tactical Program Management
Mr. James S. Chapman, Program Manager, joined Signature Science as Director of Training and Operational Services in 2004. In this role, he is responsible for the development and project oversight for training programs and tactical services for law enforcement and federal government clients. His career as Assistant Police Chief was highlighted with a meritorious citation, a Life Saving award, and numerous community and federal law enforcement awards. Mr. Chapman’s tactical, management, and technical experience in law enforcement gives him considerable insight into the mission and needs of our state, local, and federal law enforcement clientele. Mr. Chapman holds a Bachelor of Science degree from the University of Texas and graduated from Harvard University’s Crisis Management: Exercising Leadership in Extraordinary Times in 2002.

Quality Assurance Oversight
Mr. John P. Chomout, Range and Safety Officer, has over 23 years of service in law enforcement, retiring from the Austin, Texas Police Department in 2007. His expertise includes tactical operations: clandestine laboratory experience, special investigations, firearms training, hazardous materials, and critical incident management. He has received almost 4,000 training hours in areas that include National Incident Command System, Technical/ Specialized Training (Dynamic Entry), Narcotics, Tactical Patrol, Special Investigations, Hazardous Materials, and Handgun and Shotgun training, among other training courses. Mr. Chomout continues to hold a Master Peace Officer certification with the State of Texas.

Program Manager briefs role players for surveillance detection field exercise.
Signature Operations Facilities

SigOps sustains a robust inventory of modern expeditionary and tactical training venues located in the greater Austin, Texas area. SigOps also has access to additional training sites to accommodate simultaneous training or special training requirements.

Signature Science Conference & Training Facilities: Our fully-equipped classrooms and interactive training laboratory incorporate safety, security, and convenience and is compatible with various levels of required confidentiality and attribution.

Signature Operations Tactical Training Site: A full range of tactical training is conducted on an unobservable, private 40-acre compound a short drive from Austin.

Firing Range(s): Two separate/protected ranges: 36 shooting lanes; one range includes a covered shooting area; one protected 500-yard sniper lane.

Configurable MOUT Site: 2.5 miles of gravel/dirt roads complete with area cuts outs and ambush positions; a permanent shoot house suitable for simunition use and dynamic entry/room clearing exercises; and, a series of temporary features to accommodate barricades, checkpoints, village elements, clandestine laboratories, and equipment hulks.

Off Road Driving Course: Approximately 4-acres of configured terrain that include moguls, sand, mud, water, rocks, and mild to extreme inclines.

Classroom Facility: Two classrooms accommodating 32/12 students respectively; restrooms; first aid treatment room; lockable storage room; and, private office.

High Performance Driving Facility: The driving facility is situated on a private 90-acre complex secluded by a surrounding greenbelt.

High Performance Driving Course(s): Three main configurations of advancing levels of difficulty: Short Course - flat surface; Elevation Course - elevation and off-camber; Grand Prix Course - high-speed dynamics; four others - City Course, Elevation Loop, Highway Loop, and Speed Loop when combined with the 3 primary configurations offer seven configurations and ability to run two circuits simultaneously; course includes elevation changes, contrasting surface materials for transitions, signature corners, and sufficiently-sized to instruct the full range of turns, controlled skids, and other maneuvers.

Off Road Course: 3.5 miles of varying terrain and levels of difficulty that includes articulating moguls, sand pits, rock crawls, hill climb, close clearance, and mud pits.

Classroom Facility: Comfortably accommodates 32 students in large classroom and 12 students in small classroom; restrooms: lockable storage room; private office; and two additional covered outdoor classrooms at the curbside of the driving track.
SigSci Training, a division of Signature Science, LLC, offers equally sophisticated, scientific technical training primarily related to CBRNE weapons of mass destruction. SigSci has extensive experience in offering customized training solutions, including programs of instruction such as:

- Chemistry/biology for CBRNE special teams/first responders
- Radiological, nuclear, and explosive threats
- Chemical and biological agent production
- Agricultural terrorism
- CBRNE preparedness, planning, and response
- CBRNE detection and analysis
- Environmental and CBRNE sampling
- Exploitation/collection
- Quality assurance/control
- Hazardous materials
- Crime scene recovery/criminal forensics
- Chemical/biological detection canine and handler training

For additional information, please request a technical training manual from:

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