Jeffrey Halaut

Halaut Consulting Security Solutions

Professional Consulting • Security Assessments • Expert Witness Services

Curriculum Vitae

101 Winn Valley Dr.

Wimberley, Texas 78676

540.287.6111

Jhalaut@halautconsulting.com

www.halautconsulting.com

JEFFREY HALAUT

Vehicle Barrier Systems, Bollard Design & Perimeter Security Expert Witness

Founder, Halaut Consulting

Wimberley, Texas

540.287.6111 | jhalaut@halautconsulting.com

PROFESSIONAL SUMMARY

Jeffrey D. Halaut is a nationally recognized expert in vehicle barrier systems, anti-ram bollards, hostile vehicle mitigation, and perimeter security design with more than 37 years of construction industry experience and over 31 years specializing in high-security physical protection systems. Mr. Halaut has established himself as a trusted professional as well as a frequent speaker and instructor at industry events and training sessions for architects, engineers, and other design professionals.

EDUCATION

Computer Science
Clarion University | May 1985

Windows NT 4.0 Workstation/Server certification
Fiber Optics Fusion Splicing – Siecor (1997)
AMAG Access Control 350, 450, 550 Admin Training
Vindicator Technologies Admin Certification
IRIS Scan Certification – Iridian Technologies (2001)
L3 GSI Procurement & Contracts Training
Professional Perimeter Security Trainer – CE Credited courses
Multiple manufacturer-specific certifications in access control and security systems

PROFESSIONAL EXPERIENCE

Founder
Halaut Consulting – Wimberley, TX | 2008–Present

- Provides expert consulting and technical advisory services for Access Control Points (ACP), hostile vehicle mitigation, perimeter security, and critical infrastructure protection projects throughout the United States.
  Conducts security assessments, design reviews, vulnerability analyses, and operational evaluations for government, commercial, and critical infrastructure clients.

- Serves as a trusted subject matter expert to organizations including Bavak Security, APT Controls, Johnson Controls, Turner Construction, Kimley-Horn, and other industry leaders.
- Develops and evaluates integrated security solutions addressing access control, vehicle mitigation, perimeter protection, operational security, and force protection requirements.
- Provides expert witness, litigation support, forensic analysis, and technical consulting involving perimeter security systems, access control technologies, vehicle barrier systems, and security infrastructure projects.
- Contributes to the development of industry standards through active participation in ASTM F2656 and ASTM F3016 committees and serves as a member of the Security Industry Association (SIA) Perimeter Security Subcommittee.

Business Development Manager
Gibraltar Perimeter Security – Burnet, TX | 2019–Present

- Provides subject matter expertise regarding hostile vehicle mitigation, perimeter protection, and crash-rated barrier systems supporting aviation, transportation, commercial, and public-sector projects.
- Advises architects, engineers, municipalities, transportation agencies, and property owners on security design considerations, threat mitigation strategies, and regulatory compliance requirements.
- Evaluates vehicle barrier systems, anti-ram technologies, and integrated perimeter protection solutions for high-risk and high-consequence environments.
- Supports project planning, specification development, risk assessment, and stakeholder coordination for complex security infrastructure initiatives.
- Assists project teams in balancing security objectives, operational requirements, life-safety considerations, and architectural integration.
- Develops technical guidance and recommendations related to perimeter security, force protection, and critical asset protection.

Sr. Sales Engineer
Ameristar Perimeter Security USA – Tulsa, OK | 2014–2019

- Provided technical leadership and subject matter expertise for high-security perimeter protection systems across commercial, federal, and critical infrastructure markets.
- Evaluated and recommended vehicle barrier systems, anti-ram technologies, and integrated access control solutions based on project-specific threat and operational requirements.
- Developed and delivered advanced training programs for national sales teams on vehicle barrier systems, anti-ram technologies, and integrated access control solutions.

- Contributed to the development and enhancement of the Freedom C2 Command and Control platform, improving system integration and operational effectiveness.

President
HOS Security, LLC – Dripping Springs, TX | 2012–2014

- Led the design and development of the Freedom C2 Command and Control System, integrating access control, biometric authentication, video surveillance, and active vehicle barrier technologies into a unified operating platform.
- Directed security infrastructure projects supporting military, federal, and high-security commercial clients.
- Provided executive leadership in product development, systems engineering, and project execution.

Engineering Director
Neu Security Services, LLC – Austin, TX | 2010–2012

- Directed engineering, design, and deployment activities for Access Control Point (ACP) projects supporting government and commercial security initiatives.
- Developed Access Control Point Control Systems (ACPCS) to integrate vehicle barriers, access control devices, and command-and-control technologies.
- Managed technical teams responsible for system design, implementation, testing, and commissioning.

Vice President of Development / Operations
Intelligent Perimeter Systems – Plain City, OH | 2006–2008

- Led product development and operational activities for advanced perimeter security technologies.
- Designed an innovative 24VDC hydraulic bollard system featuring redundant communications architecture and enhanced operational reliability.
- Developed integrated control systems supporting Active Vehicle Barrier (AVB) deployment and centralized security management.

Deputy Program Manager / Program Manager
L3 Communications GSI – Chantilly, VA | 2004–2006

- Managed the $38 million U.S. Air Force Vehicle Barrier Installation Program spanning 144 installations worldwide.
- Directed multidisciplinary teams responsible for engineering, procurement, installation, logistics, and program execution.

- Led development of the USAF SmartGate proposal, coordinating engineers, subject matter experts, and technical writers to deliver a comprehensive next-generation ACP solution.
- Served as a principal liaison between government stakeholders, subcontractors, and internal program teams.

Project Manager / Senior Engineer
Radian Asset Protection Systems – Alexandria, VA | 1996–2004

- Designed and implemented high-security access control and force protection systems for Department of Defense clients worldwide.
- Played a key role in the development of SmartGate technologies, advancing biometric authentication and automated access control capabilities for military installations.
- Engineered security solutions for nuclear weapons storage facilities, chemical weapons depots, and other mission-critical defense assets.
- Managed major security infrastructure projects for organizations including the Pentagon, Washington Naval Observatory, Yokosuka Naval Base Weapons Storage Facility, Tooele Chemical Weapons Depot, and multiple U.S. Navy and Missile Defense Agency installations.

Computer Technician
Systems Design and Integration – Charleston, SC | 1990–1996

- Installed, configured, and commissioned electronic security and access control systems for U.S. Navy facilities and federal agencies.
- Led field installation teams supporting Naval Information Systems Engineering (NISE East) projects throughout the United States and worldwide.
- Conducted system testing, customer training, and operational turnover for mission-critical security systems.

EXPERIENCE AND EXPERTISE

His technical expertise spans the design, manufacturing, installation, and operation of high-security bollard and barrier systems for applications including nuclear facilities, critical infrastructure, industrial sites, courthouses, stadiums, convention centers, airports, and U.S. government buildings. His background includes roles in installation engineering, project and program management, product development, perimeter design specification, safety and protection training, and business development.

Mr. Halaut has conducted site assessments for municipalities nationwide, helping protect vulnerable locations from errant or hostile vehicles. His work includes presenting vulnerability

assessments and security design recommendations to city councils and planning boards, as well as critical infrastructure and service agencies.

His expertise has also been sought in the media: He was interviewed on a national Canadian radio program following the 2025 vehicle incidents in Vancouver and London and quoted in several publications after the New Year's Day vehicle incident in New Orleans. Most recently, He was invited to testify before the Texas State Senate in support of Senate Bill 660, which advocated for vehicle protection measures at all hospital entrances in the state. He has worked as an expert witness in multiple cases with the state of Texas in Travis County, Fort Bend County and in the commonwealth of Massachusetts in Middlesex County.

His expertise encompasses the design, engineering, specification, installation, testing, operation, and evaluation of operative and non-operative vehicle barrier systems for access control and prevention of vehicle attacks:

- Fixed bollard systems
- Removable Bollard Systems
- Retractable bollard systems
- Crash-rated vehicle barriers
- Active vehicle barriers
- Access Control Points (ACP)
- Vehicle mitigation systems
- Perimeter protection systems

INDUSTRY SERVICE AND ASSOCIATIONS

Mr. Halaut has been directly involved in the planning, design, deployment, and management of some of the largest vehicle barrier and hostile vehicle mitigation projects in North America since September 11, 2001. His experience includes serving as Program Manager for the installation of approximately 540 active vehicle barrier systems across 144 U.S. Air Force installations worldwide. Throughout his career, he has contributed to the deployment of more than 9,000 protective bollards on the Las Vegas Strip, as well as perimeter protection systems at high-profile and critical infrastructure locations, including downtown Seattle, convention centers, professional and collegiate sports venues, power generation facilities, electrical substations, airports, municipal parks, streetscapes, and other public gathering spaces. His expertise encompasses the evaluation, design, implementation, and operational integration of vehicle mitigation measures intended to protect people, property, and critical assets from vehicular threats.

He currently serves as a voting member of the ASTM F-12 committee which has ongoing responsibility for national vehicle barrier testing standards

- ASTM F12-10 / F2656 – Standard Test Method for Crash Testing of Vehicle Security Barriers
- ASTM F12-10 / F3016 – Standard Test Method for Surrogate Testing of Vehicle Impact Protective Devices at Low Speeds

Responsibilities include:

- Evaluation of crash-testing methodologies
- Review of barrier performance criteria
- Development of testing protocols
- Revision of national standards based on changing vehicle characteristics and threat environments

This involvement places Mr. Halaut among a small group of professionals directly responsible for establishing and maintaining the standards used to evaluate vehicle barrier performance for the safety and security of the public in public areas, retail locations, and secure facilities.

Mr. Halaut actively contributes to various standards committees and subcommittees of the Security Industry Association (SIA) developing industry guidance for vehicle mitigation and perimeter protection. Including

- Temporary Vehicle Barrier Working Group – Defines appropriate barrier types and optimal placement strategies for temporary events such as festivals, parades, and concerts.
- Perimeter Security Working Group – Develops guidelines for protective measures tailored to varying perimeter types.
- Threat and Vulnerability Assessment Working Group – Produces comprehensive checklists and procedures for conducting effective threat and vulnerability assessments.

Since 2013, Mr. Halaut has delivered more than 150 training sessions, including presentations to architects, engineers, and design professionals on the use of vehicle stopping barriers for safety and security projects, as well as trade show workshops, podcasts, and in-house manufacturer trainings. These sessions have educated hundreds of fence contractors, integrators, general contractors, and design professionals. He regularly consults with architects and property owners across the country, offering best practice design strategies for security or safety concerns and the control of vehicles and separation of vehicles from structures or people at retail locations, health care and university campuses, and public spaces.

PRIMARY EXPERTISE

Vehicle Barrier Systems

- Crash-rated barriers
- ASTM F2656 systems
- ASTM F3016 systems
- Wedge barriers
- Beam barriers
- Cable barriers
- Mobile barrier systems
- Temporary event barrier systems

Bollard Systems

- Fixed bollards
- Retractable bollards
- Removable bollards
- Decorative security bollards
- High-security bollards

Hostile Vehicle Mitigation (HVM) solutions

- Vehicle attack prevention
- Security stand-off analysis
- Vehicle pathway analysis
- Threat assessments
- Vulnerability assessments
- Protective design

Perimeter Security Design Consultation

- Security master planning
- Site security evaluations
- Risk assessments

- Critical infrastructure protection
- Public venue protection

EXPERT WITNESS PRACTICE

Mr. Halaut provides expert analysis and testimony involving:

Vehicle Barrier Design

- Barrier selection
- Barrier placement
- Risk, Threat and Vulnerability evaluation
- Safety reviews and evaluations
- ASTM compliance
- Engineering considerations
- Performance evaluation

Bollard Systems

- Bollard spacing
- Bollard foundations
- Design deficiencies

Vehicle Incursion Events

- Storefront crashes
- Building strikes
- Pedestrian protection failures
- Public venue vehicle attacks or accidental vehicle incursions

Security and safety Negligence

- Failure to implement vehicle mitigation
- Failure to protect the public at special events
- Improper barrier selection
- Deficient perimeter security design
- Failure to follow industry standards

Standard of Care Evaluations

- ASTM standards
- Industry best practices
- Security consultant responsibilities
- Adequacy of safety or traffic control plans

REPRESENTATIVE VEHICLE BARRIER PROJECTS

- U.S. Air Force Global Vehicle Barrier Program
- Las Vegas Strip Vehicle Mitigation Program
- Climate Pledge Arena
- Seattle City Center
- AEP power headquarters
- Minnesota Vikings Stadium
- Alamo Security Enhancement Project
- Pittsburgh International Airport
- Seattle / Tacoma International Airport
- Las Vegas Convention center
- T-Mobile Arena – Las Vegas
- LAX International Airport
- Reno International Airport

MEDIA & LEGISLATIVE RECOGNITION

Recognized subject matter expert regarding hostile vehicle mitigation and public-space protection.

- Interviewed following the Vancouver vehicle attack incident.
- Interviewed following the London vehicle attack incident.
- Quoted following the New Orleans vehicle attack incident.
- Invited to testify before the Texas Senate regarding Senate Bill 660 which addressed vehicle protection measures at hospital entrances.