



IPTS
SECURITY

COMPANY PROFILE



NATIONAL INDEPENDENT SECURITY SERVICE PROVIDER, SPECIALISED SERVICES AND A DISTRIBUTER OF SPECIALISED POLICING EQUIPMENT.

INTRODUCTION

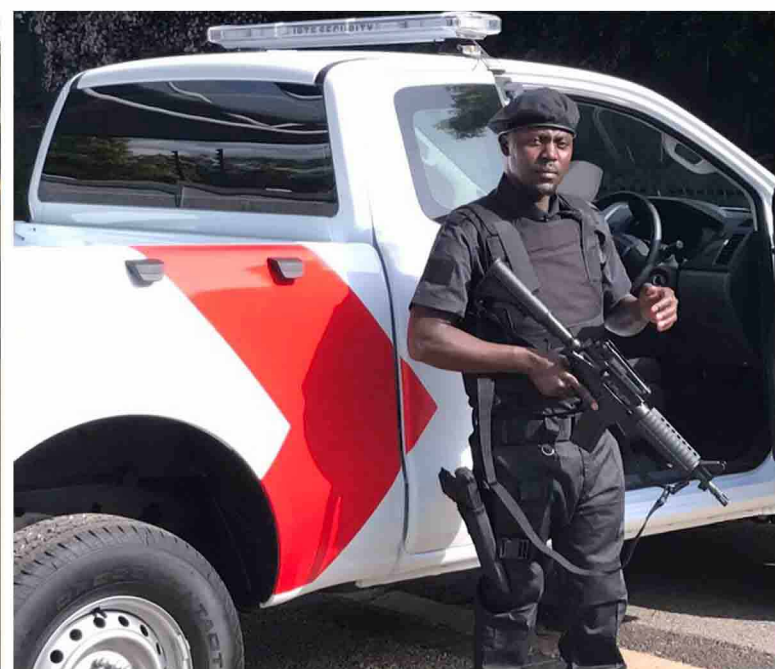
Intense Protection and Tourists Services trading as IPTS was founded in 2003 by Mr Muziwandile Nala who is also the Executive Chairman of the business. The company evolved from a guarding and armed reaction service provider to very specialized security services and solutions.

Apart from keeping your facilities safe and preventing loss, we understand that we become the face of most of our client's profile, as we are the first line of physical communication. It is therefore important to understand the business of our client, to be able to understand the type of clients to expect and the kind of help to offer.

IPTS offers the full spectrum of risk management solutions encompassing static, dynamic and procedural security as an integrated service offering.

We design, implement and manage solutions unique to each client's specific needs that prevent loss through proactive and reactive best practice.

We have a track record that proves in providing innovative and effective safety and security solutions for personnel, property, assets and information.



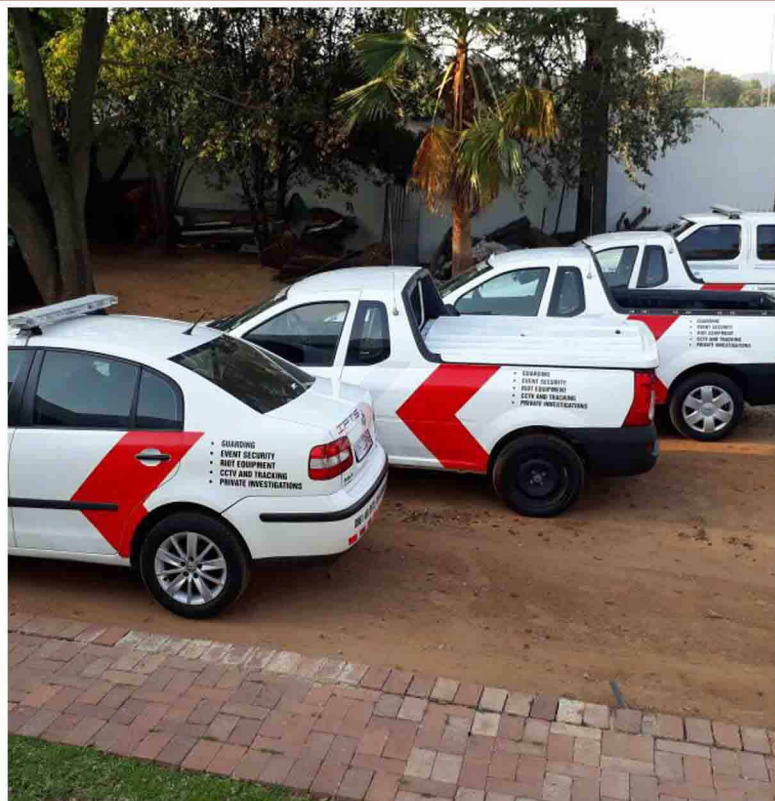
OUR VISION

To be a model of excellence that puts our clients first, and to employ highly skilled and motivated personnel to ensure quality and value in all areas of our services.

MISSION

To ensure the delivery of quality services to our clients that promotes our vision and values, through;

- Creating and maintaining effective partnerships.
- Attracting and retaining motivated employees.
- Deploying high technology security equipment, to ensure effective operations.





IPTS CONTEXT AND CAPACITY

IPTS A DIVERSE ENTERPRISE WITH A RANGE OF EXCLUSIVE DISTRIBUTION LICENSES.

SERVICES:

- Asset Protection (Guarding) & VIP Protection (Body Guarding).
- Forensics and Private Investigations.
- Pyrotech Products Distribution.
- Risk assessment and incident investigation services.
- SAPS Accredited Firearm and Ammunition Trader, Licence number: **100748**

- Specialized Uniform supply
- Riot gear and riot equipment supply
- Specialized weapons supply
- Special Training
- Risk assessment
- Project management
- Infrastructure management software
- Access control systems
- CCTV
- Technical Surveillance Counter Measures (TSCM) (Swiping & Debugging)

- Chemical Dyes
- Bullet Proof Vest
- Power Inverter
- Power Generator
- LRAD
- Ammunition
- Public Address Systems
- Fire Prevention Systems
- Ambulance Services

COMPETENCY AND EXPERTISE

IPTS HAS A VAST EXPERIENCE BASE AND DIVERSE SKILLS SETS AMONGST ITS STAFF AND MANAGEMENT WHICH ENABLES US TO RENDER INTEGRATED AND INTELLIGENT SECURITY SOLUTIONS.

The design and provision of the full spectrum of risk management solutions as an integrated service offering,

including:

- Risk assessment and incident investigation services
- Guarding and Patrolling
- Electronic security services, including site monitoring.
- Specialized security services, including undercover security services.
- Forestry security including anti poaching.
- Events security.

CONTINUED INVESTMENTS IN RESOURCE

- Continuous training and retraining of our officers includes OHS (Occupational Health and Safety), statutory training,
- Customer specific training,
- Interpersonal skills,
- Customer care,
- Material handling,
- Supervisory and management development training forms part of our junior to middle management levels.

ENTERPRISE DEVELOPMENT

IPTS is active in making sure that smaller companies that are struggling with financial capacity and knowledge are assisted in various ways.

FACILITIES AND ACCREDITATION

IPTS IS DULY CERTIFIED AND LEGALLY COMPLIANT TO RENDER THE WIDE SPECTRUM OF SERVICES DESCRIBED IN THE PROFILE AND IS RECOGNIZED AS ONE OF THE SECURITY COMPANIES REGISTERED WITH PSIRA (Private Security Industry Regulatory Authority)

INSURANCE LIABILITY AND MAINTENANCE OF GOOD STANDING

Our compliance in this regard includes:

- Insurance liability cover
- Good standing with South African Revenue Services
- Good standing with Department of Labour
- Good standing with the Private Security Regulatory Authority (PSIRA)

FORMAL STAFF SELECTION PROCESS

TO ACHIEVE THE PLACEMENT OF FIT FOR PURPOSE MEMBERS WITH THE CORRECT ATTITUDE, APTITUDE AND ATTRIBUTES TO RENDER PROFESSIONAL AND EXPERT SERVICES, WE FOLLOW A FORMAL VETTING AND SELECTION PROCESS.

A cornerstone of our recruitment and ongoing quality control process is the performance of stringent pre employment verification to ensure that all personnel deployed are of highest caliber and have a track record that attest to their experience, expertise, honesty and integrity.

We achieve this by performing verification routine in respect of each member of our personnel. These include the verification of criminal records status, financial status, education qualification, employment reference, qualification reference and polygraph tests. The integrity verification process is conducted throughout the life of the employment cycle.

FORMAL STAFF SELECTION PROCESS

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INTEGRITY MANAGEMENT

Code of conduct and ethics

Our code of conduct and ethics reflects our generally accepted rules that govern and regulate behavior, relationships and action of all members at IPTS . These lay down the standards of what is acceptable and unacceptable in our organization and are both value and rule-based and have the common purpose of:

- Being a central guide and references on the conduct of employees in support of day to day decision making.
- Clarifying our vision, mission, value and principles, linking them with standards of professional conduct.
- Providing visible guidelines to regulate behavior.
- Serving as a tool to encourage discussion of ethics and to guide employees when dealing with ethical dilemmas, prejudices and grey areas that are encountered in everyday work and life encounters.
- Complementing standards,policies and rules of IPTS.





IPTS TACTICAL RESPONSE

IPTS management has many years of experience in security co-ordination and with tactical support teams throughout South Africa. Gone are the days where normal security guards, one armed reaction officer per vehicle, trained in armed reaction respond to an alarm, panic alarm, respond to a phone call or assist in case of an emergency. Our capabilities include contingency planning, intelligence gathering and medical assistance.

IPTS applies strict measurements in recruiting operators for Tactical interventions which include:

1. Strict selection phase, physical conditioning(PREPCON)
2. Weapons Phase (80% Proficiency)
3. Urban Phase (80% Proficiency)
4. Rural Phase (80% Proficiency)

IPTS also conduct in-service training every quarter, ensuring that all Operators are skilled and equipped with the knowledge and expertise to protect your lifestyle the lives of your family members and assets. IPTS operators are deployed in two, four and eight man teams. IPTS are specialist in Asset protection and have been in the security industry for years with a reputation that speaks for itself. Skilled and trained to perform house penetration, assaults from vehicles, Tactical approach and movements. We have the resources, skills and capacity to handle and deal with any situation.





Members professionally trained

IPTS tactical support unit members are carefully recruited, selected and trained in a variety of safety and security techniques, including counter surveillance. They are in constant contact with our 24-hour communication centre for security alerts and deployment of additional support. IPTS is already a very well-established brand to many people in the corporate, property management service and personal security in South Africa.

IPTS is a professional firm that, amongst other aspects, handles protection of dignitaries and high profile personalities. We employ highly trained specialists and will be providing the "on the ground" manpower to protect your assets and people. Training for our tactical support unit, members includes instruction in criminal law, tactical training, fire prevention, first aid and physical fitness

RIOT CONTROL SERVICES

Responsive in critical situations, IPTS Asset Protection Teams (APT) is the undisputed leader in the field of labour disruption security. IPTS management has many years of experience in security co-ordination and in RIOT Control throughout South Africa.

APT provides security personnel who are trained to protect people and property during public unrest. Discipline and restraint characterizes APT, whose operations pioneered the use of photo and video documentation. Our capabilities include business interruption contingency planning and consulting, security personnel and services, logistics support and pre- and post-crisis counseling. IPTS have some recruits of personnel from law enforcement and military backgrounds.





EXECUTIVE PROTECTION

IPTS offers the most professional executive protection service in South Africa. To protect your organization and future profitability by safeguarding your financial assets and providing your executives and staff with a safe and secure working environment. The leadership of your organization is an asset that will be safely protected with IPTS' Executive Protection Services.

Professional, Highly Trained Bodyguards from IPTS

IPTS puts the safety of your executives first, by using highly qualified personnel.

A close protection is a specialized task and IPTS is highly regarded and recognized in South Africa as a leader, offering a world class service.

VIP protection training includes;

Our protectors are trained professionals of the highest standards which include:

1. Physical conditioning (PREPCON)
2. Basic VIP Protection (80% Proficiency)
3. Advance VIP Protection (80% Proficiency)
4. CQC (Close quarter combat) (80% Proficiency)
5. Weapons (Tactical shooting) (80% Proficiency)

IPTS close protectors are highly skilled professionals, ensuring the safety of the principal. IPTS protectors has proven time and time again that they serve with pride. IPTS protectors applies different methodologies in the field thus making them far more adequate and skilled.



TransportPro OPTIONS

Power Steering Option - Available on all UTV versions.

Features

- 5KW - 72 volt electric motor, larger motors available as an option
- 113.5 inches in length, wheelbase of 74.8 inches, ground clearance of 10.75 inches.
- Standard with 4WD with easy electric switch to 2WD for on-road use
- State of the art, 100 amp hour, 72 volt lithium ion (LFP) battery propulsion system - larger amp hour systems for longer drive times available as an option
- All-wheel independent wishbone suspension
- Heavy duty shock absorbers
- 4-wheel hydraulic disc brakes
- 2000 lb Electric winch
- 2 inch heavy duty ball hitch receiver
- Headlights with standard and high beams
- Complete police lighting, PA and siren package
- Directional signals and hazard lights and side mirrors
- Key switch to turn motor on and total system off button
- Forward, Reverse and Safety Neutral switch
- Lithium Ion Battery System with proprietary Energy Management System (EMS). Long life batteries can be charged 2000+ times with no discernable deterioration in performance
- Built in 110/220v charger with range between charges up to 80 miles
- Speeds up to 40 MPH
- Climbing capacity of over 30 degree grade Net weight of 1024 pounds



PRODUCTS:

- Electric Patrol Vehicles (UTV 180 km travel per charge)

These vehicles are fully imported from USA and exclusively distributed by INTENSE in the continent.

The vehicle allows the client to contribute to reducing emissions whilst ensuring visible patrol and fuel related costs savings.

All UTV Models & Configurations are Available in Right-Hand Drive

Just a few of the ideal applications of the Transport Pro

- | | |
|-----------------------|-------------------|
| - Police Departments | - Off-Road Patrol |
| - City Centers | - Rural Parks |
| - Airports | - Rough Terrain |
| - University Campuses | - Patrol |
| | - Downtown Patrol |



PoliceProATV

PoliceProATV

ALL TERRAIN VEHICLE

Features

- 5KW - 72 volt electric motor, larger motors available as an option
- 84 inches in length, wheelbase of 51.75 inches, groundclearance of 10.75 inches
- Standard with 4WD with easy electric switch to 2WD for on-road use
- State of the art, 100 amp hour, 72 volt lithium ion (LFP) battery propulsion system
- All-wheel wishbone independent suspension
- Heavy duty shock absorbers
- 4-wheel hydraulic disc brakes
- 2000 lb Electric winch
- 2 inch heavy duty ball hitch receiver
- Headlights with standard and high beams
- Complete police lighting, PA and siren package
- Directional signals and hazard lights and side mirrors
- Key switch to turn motor on and total system off button
- Forward, Reverse and Safety Neutral switch Built in 110/220v charger with range between charges up to 80 miles
- Lithium Ion Battery System with proprietary Energy Management System (EMS). Long life batteries can be charged 2000+ times with no discernable deterioration in performance
- Speeds up to 45 MPH
- Climbing capacity of over 30 degree grade
- Net weight of 1024 pounds

Just a few of the ideal applications of the Police Pro.

- | | |
|-----------------------|-------------------|
| - Police Departments | - Off-Road Patrol |
| - City Centers | - Rural Parks |
| - Airports | - Rough Terrain |
| - University Campuses | - Patrol |
| | - Downtown Patrol |

When the need is for going off-road, feel the power and control of Xtreme Green's state of the art, zero emission 100% electric ATV. The Police Pro ATV (All Terrain Vehicle) is capable of speeds of 45 miles per hour and offers a range of approximately 80 miles on a single charge.





GET TO KNOW THE



Safety

- All wheel hydraulic disc brakes
- Twin rear wheel drive with electronic differential
- Chassis custom mig welded and fully tested
- Battery temperature protection for both high and low temps
- Lock down key fob to allow shut down when rider is not on board or near vehicle

Applications

- Police patrol
- Airport security
- Post delivery
- Paramedics for City centres
- Educational Institute security

Technical Information

- 48 volt system, 12 volt auxiliary with a 20 amp supply available
- 2 rear 48 2 kw DC Brushless in-wheel motors that are direct drive – no chains, belts or loss of power.
- Customisable full colour electronic LCD dashboard
- Equipped with LED lighting



Battery Range

- State of the art LiFePO4 lithium packs, with onboard B.M.S
- Holds up to (3) 1 kw packs that are hot swapable
- Batteries communicate with dashboard to show power consumption
- 1 battery range up to 20 miles, average speed up to 13mph
- 2 batteries range up to 32 miles, average speed up to 25mph
- 3 batteries range up to 45 miles, average speed up to 25mph

Road Legal

- World's first road legal electric E.P.V
- Raptor has full road legal status in the South Africa,
- Australia and all EU related countries subject to local laws
- Fully homologated and tested at M.I.R.A England

“the ALTERNATIVE to lethal force”



ABOUT

Alternative Ballistics was formed with a diverse group of individuals from law enforcement, military, medicine, and business backgrounds.

Mission: Developing effective technology for law enforcement and military agencies worldwide. Our products provide a unique, effective, affordable and rapid solution to lethal situations while aiding in maintaining the safety of law enforcement officers and the general public.

What is a life worth?

Alternative Ballistics has developed an innovative device, which allows an officer the ability to choose another option in lethal force situations, while keeping themselves safe. THE ALTERNATIVE™ will incapacitate an individual through blunt force trauma with a diminished risk of serious injury or death.

THE ALTERNATIVE™ was developed as a blunt force impact device to fill the void in lethal situations, which until now could only be addressed with a firearm. Concerned with the number of deaths of officers and citizens resulting from confrontations, where a new lethal option would have been preferred but not readily available.

- Instantaneously gives officers options in lethal-force situations.
- NO dedicated platform required; works with existing duty weapons
- It attaches to the officer's weapon by pressure without tools.
- Breakaway design returns the duty weapon to its normal function for immediate response if necessary
- Can be removed just as quickly as it was seated on the weapon. This can be done if the threat no longer exists
- Reliable and accurate
- Lightweight and compact design
- Requires minimal instruction
- Training is easily incorporated into regular firearm training sessions
- Gives a single officer the ability to use a blunt force option without putting the officer or public at risk
- Affordable for agencies of any size
- Components require no maintenance or replacement due to deterioration, spoilage or loss of potency
- No additional hidden costs.



“the ALTERNATIVE to lethal force”



Operations

Once the weapon is fired; the bullet welds itself inside the projectile, simultaneously transferring its kinetic energy propelling it at the target. Once the bullet is fired from the gun into the projectile they permanently become one unit. The docking unit will automatically eject from the weapon and the firearm returns to its normal function before it cycles in a new round. Being impacted by THE ALTERNATIVE™ is comparable to getting hit in the chest by a hardly swung hammer. Keep in mind lethal force is already justified THE ALTERNATIVE™ mitigates the risk of death in those situations.

THE ALTERNATIVE™ decreases the velocity of the bullet and allows the projectile to impact the threat, lessening the bullets penetrating energy. The result is less injury to the body than a conventional bullet.

If the crisis is resolved without the need to discharge the weapon, the officer can quickly and easily remove THE ALTERNATIVE™ from the top of the weapon and return it to the belt pouch for later use.

The belt pouch was designed to allow for fluid, onehanded removal of the device and the subsequent seating of THE ALTERNATIVE™ onto the top of the weapon instantaneously. Most importantly, this can be accomplished without the danger created by an officer removing his or her eyes and weapon from threat.

Until now law enforcement has only had one tool to deal with lethal force, guns and bullets. By applying THE ALTERNATIVE™ to the equation they now have another lethal force tool at the same time keeping officers safe.





Features

- 140 dB SPL peak acoustic output
- Acoustic deterrent creating a 50 m standoff or greater
- Penetrating, high frequency alert tone built-in
- Lightweight & sturdy - 17 lbs (7.7 kg)
- Create custom messages for agency protocol
- Shoulder strap with quick release to offset weight

GSA **Advantage!**™

HyperShield

Providing unparalleled acoustic deterrence and authoritative commands combined with a protective riot shield, the HyperShield™ is ideal for sound reinforcement in a crowd and riot control environment.

Reducing agency liability, the 140 dB of peak acoustic output, easily penetrates high noise environments to ensure unmistakable commands, authoritative messages and piercing alert tones are heard - loud and clear.

With the light-weight 17 lb HyperShield™, either hand can quickly apply the less-than-lethal 2 kHz alert tone which instantly notifies and commands attention from intended targets, creating an acoustic standoff and allowing the officer to take control of the situation.

Equipped with a commercially available SD memory card for custom messages, rechargeable battery, shoulder strap, and an easy-to-activate message selector button, the HyperShield™ can broadcast recorded warnings, notifications and announcements with authority.

Applications

- Riot & Crowd Control
- Military Police
- Special Operations
- Law Enforcement
- SWAT Teams
- Correctional Facilities

HYPERSPIKE
Sound that Moves

Ultra
ELECTRONICS

Acoustic specifications:

Sound Pressure Level, peak	140 dB A-weighted @ 1 m
Beam width	+/- 10° conical @ 2 kHz
Communication Range	400 meters
Frequency response	800 Hz – 23 kHz

Battery requirements:

Type	NiMH battery pack
Battery life, typical use	4 Hours

Physical specifications:

Dimensions	48" H x 24" W (122 cm H x 61 cm W)
Weight	17 lbs. (7.7 kg) battery included

Construction material:

Windshield	Polycarbonate, replaceable
Shield	0.250" carbon fiber matrix
Color	Clear / Black

**Ordering information**

Model No.
90094A-111

Included with the HyperShield™

- Handheld microphone
- 110V-240V AC Battery Charger and Rechargeable Battery Pack
- Interchangeable handle for left or right hand use
- HS Audio Optimizer custom message software
- Shoulder strap
- Pre-recorded messages

Mission-critical accessories

- Heavy Duty, Padded Carrying Case



LONG RANGE ACOUSTIC DEVICE

sound up to 1000 meters (1km)



Game Changing Security Enhancement

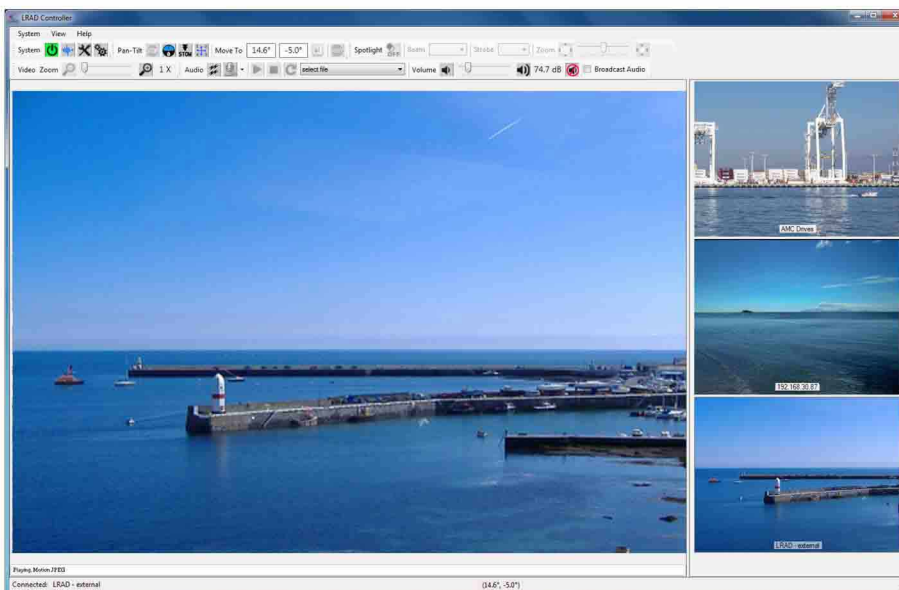
LRAD Security Solutions

LRAD-RX® is the only security device capable of instantly and remotely:

- Detecting a threat
- Warning and deterring the threat with clear, authoritative voice commands
- Assessing the threat at a safe distance

HOW IT WORKS?

Software interface provides live video from multiple LRAD-RX systems for threat detection.



Integrated Capabilities

- Remote control interface over standard TCP/IP network
- Audio messages can be transmitted from prerecorded files or through live microphone at up to 152 decibels
- Outdoor low light capable camera with 26X zoom for live video
- Optional high intensity spotlight can illuminate targets at 3000 yards
- Optional IR camera

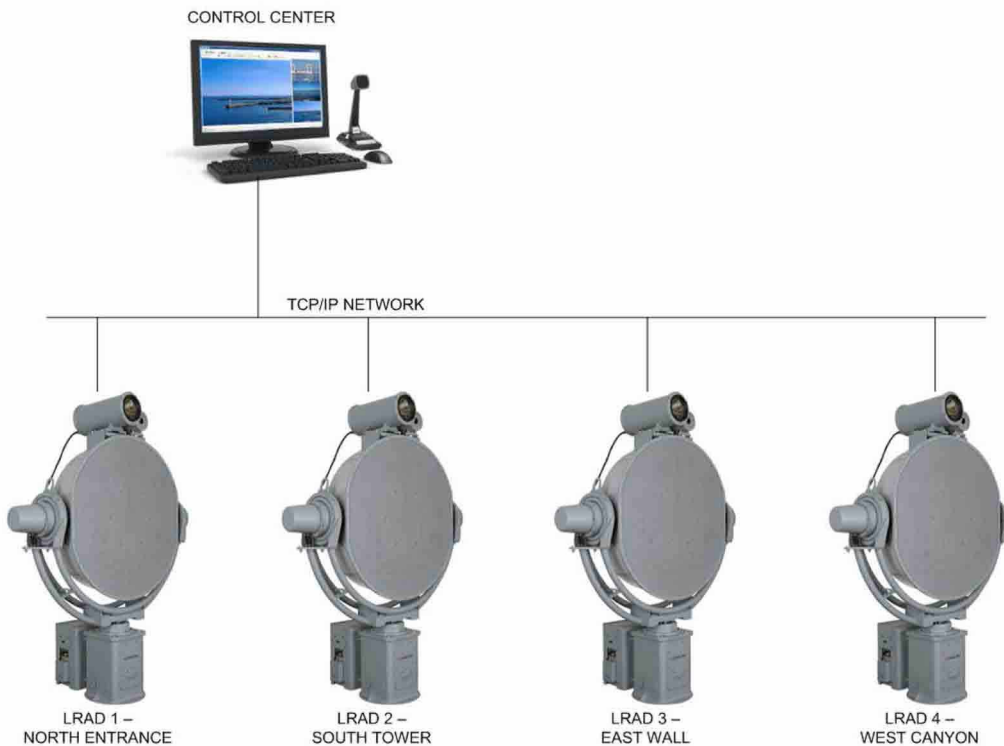
How it Works – Warn and Deter

LRAD sends a focused, powerful message to the threat.

- Warnings
- Instructions
- Commands

The focused sound beam allows messages to be aimed and delivered up to 3 km away.

Integrated Capabilities

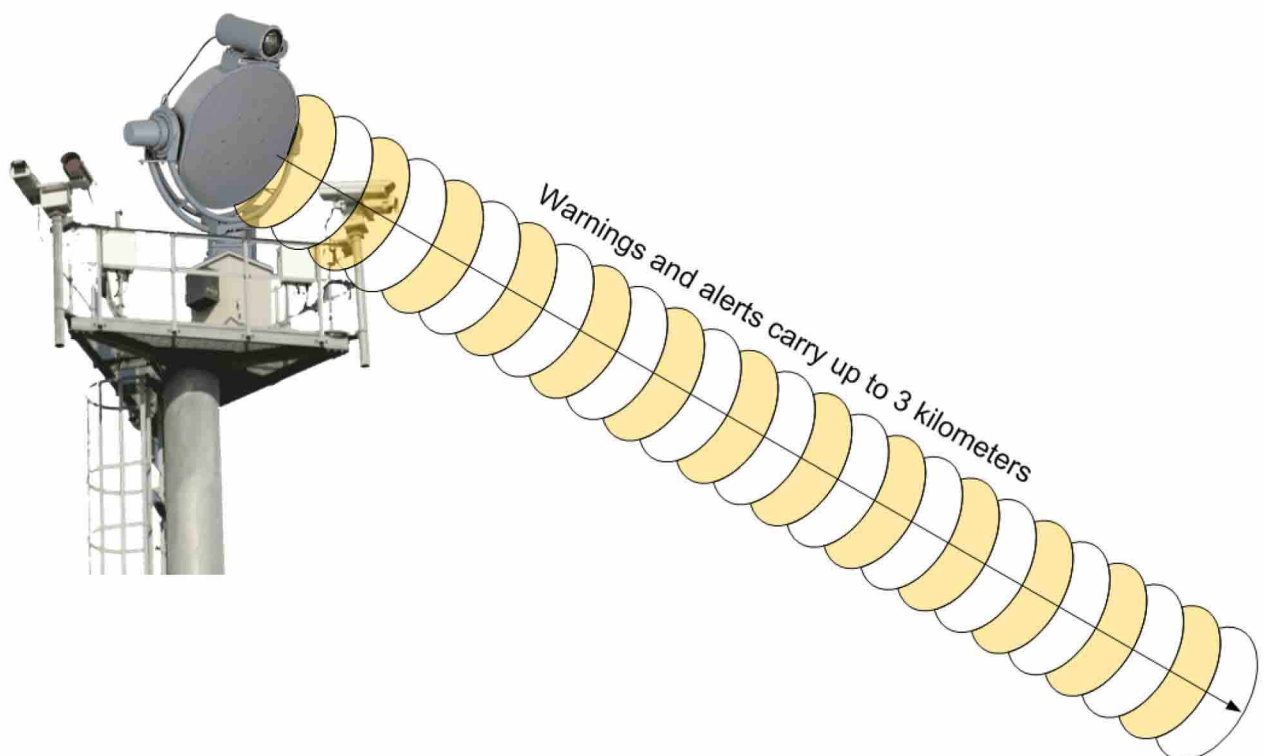


Remote control interface over TCP/IP network.

Multiple LRADs can be controlled from a single or multiple command points on a network.

Broadcast directed audio from prerecorded files or live microphone

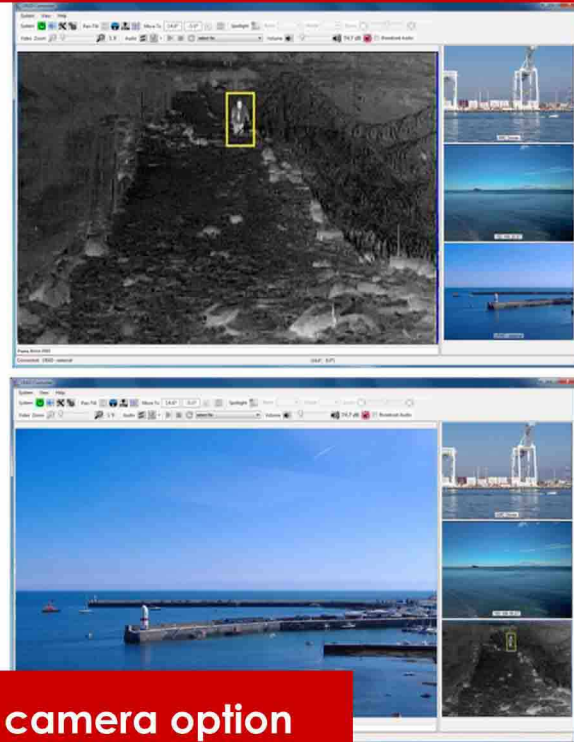
- Directed sound can be effective at up to 3000 meters
- Sound is transmitted through the air in a focused, 30 degree cone.



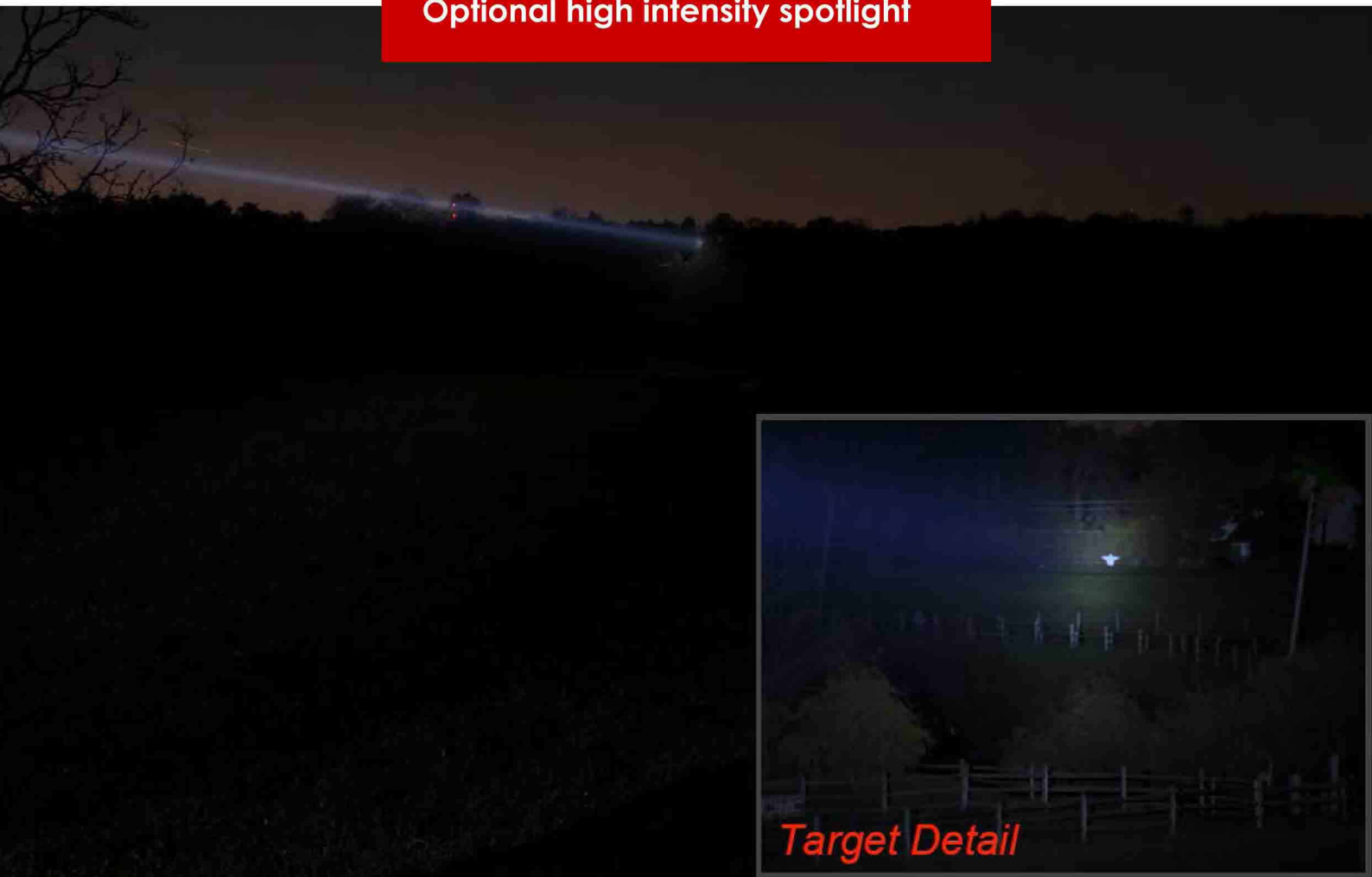
Integrated Capabilities



Low light camera for live video with IR camera option



Optional high intensity spotlight



Target Detail

How it Works – Threat Assessment



- LRAD's long range and focused sound beam allows you to assess a threat from a safe distance
- The threat's response to warnings indicates intent with time to react

Red – Intense Communication
Yellow – Clear Communication with >85dB Background Noise
Green – Clear Communication with <85dB Background Noise



Proven Results

Successfully deployed by:

- US Navy
- US Army
- National and international Police
- Oil platforms
- Private and commercial shipping vessels

Police, Anti-Terrorism & Crowd Control Applications



The Long Range Acoustic Device® was Developed in Response to the Terrorist Attacks on USS Cole (2000) and the French Tanker Limburg (2002) and to Meet a New Requirement Established by the Joint Non- Lethal Weapons Program.



"Intelligible Voice Communications at 300 Meters with 88 dB of Background Noise at the Listener's Location"

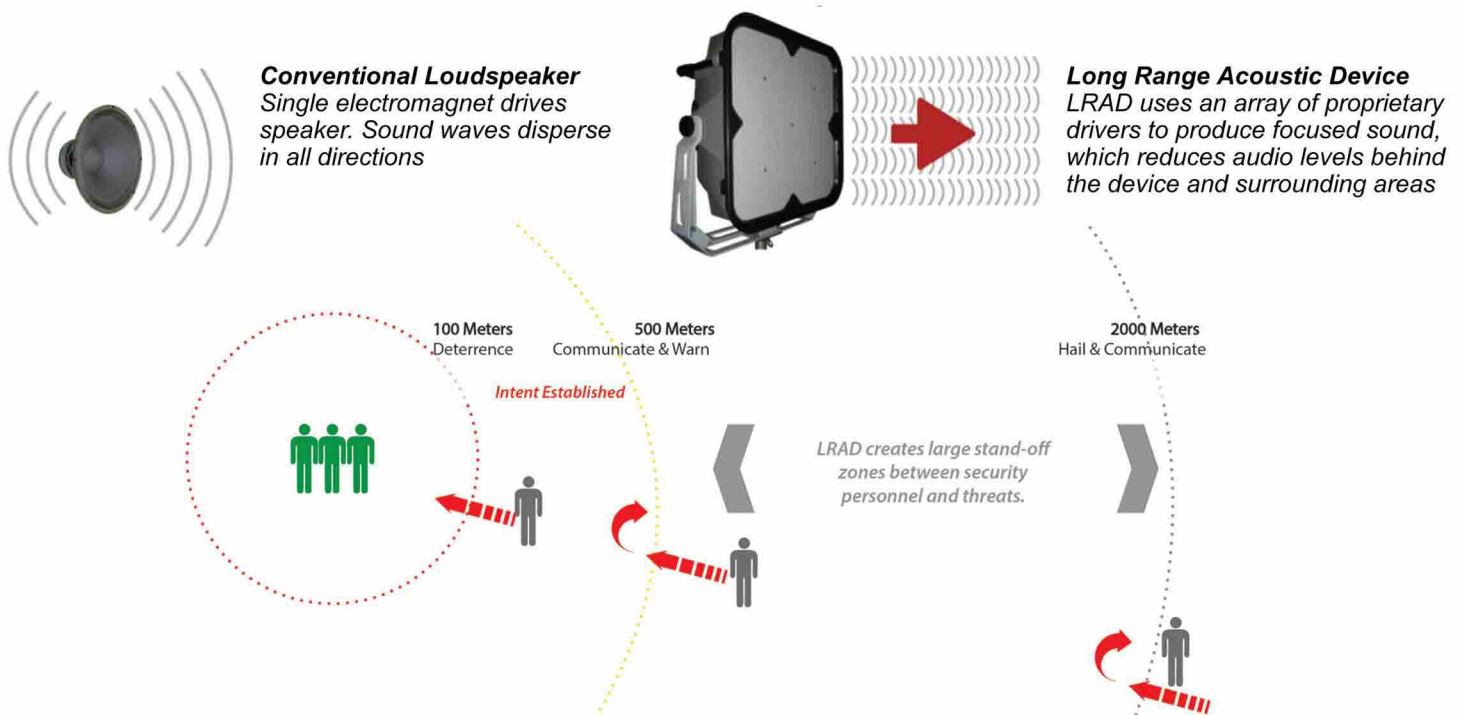
Advantages

LRAD Adds New Dimensions to Loudspeaker Technology

LRAD Systems Use Clear Voice Commands and Powerful Warning Tones to Deter, Warn, and Disperse Threats, Enhancing Security and Saving Lives on Both Sides of the Device

- Focused, Highly Intelligible Communications
- Determines Intent and Enables Progressive Escalation of Force
- Fixed, Mobile, and Portable Systems
- 4 GB of Recordable, Multilingual Commands
- Penetrates Into Structures and Vehicles
- Long Range (300–3000 meters)

LRAD Produces a Concentrated 30 Degree Focused Beam of Sound to Broadcast Highly Intelligible, Multilingual Voice Messages and Powerful Deterrent Tones Over Very Large Distances



Family of Products / Ranges



Model	LRAD 2000XTM	LRAD-RX®	LRAD 1000XTM	LRAD 500XTM Series	LRAD 300XTM Series	LRAD 100XTM
Max dB	162 dB	153 dB	153 dB	149 dB	143 dB	137 dB
Max range	5000+ Meters	3000+ Meters	3000+ Meters	2000+ Meters	1500+ Meters	600+ Meters
Operational Range	3000 Meters	1250 Meters	1250 Meters	650 Meters	350 Meters	250 Meters
Application	Integrated Surveillance Border Security Port / Coastal Security Fixed Infrastructure Large Vessels / Vehicles	Integrated Surveillance Border Security Port / Coastal Security Fixed Infrastructure Large Vessels	Large Vessels Medium Vessels Fixed Infrastructure Waterside Approaches Piers	Medium Vessels Small Vessels Large vehicles Piers Wildlife Control	Small Vessels Vehicles Wildlife Control	Man portable Police Vehicles Wildlife Control
Power	90-260 VAC	90-260 VAC or 48 VDC	90-260 VAC	12-24 VDC 90-260 VAC	12-24 VDC	Battery/Vehicle 90-260 VAC



Fills the Communications Gap

- Hail targeted threat.
- Notify targeted threat that they are approaching a restricted area.
- Warn targeted threat to stop and retreat.
- Determine Intent through targeted threat's response.
- Change Behavior of targeted threat through voice commands and deterrent tone.
- Provide Time & Distance to assess the situation and scale escalation of force.
- Prevent accidental shooting incidents.

Long Range, Clear, Intelligible

LRAD fills a critical communications gap between bullhorns and non-lethal/lethal weapons. LRAD is not a "sound cannon" and cannot cause "psychological harm".

LRAD is an effective long range communications system used to clearly broadcast critical information, instructions and warnings over distance.



Loud, intelligible and directional voice broadcasts

Can be remotely operated from the safety of a vehicle

Determines intent without dangerous force



NYPD uses LRAD during OWS Protests



LRAD:

- Determines intent at significant range
- Communicates in multiple languages through buildings or vehicles
- Broadcasts sound and shines light into vehicles to stop progress
- Enforces area denial with non-lethal means
- Does not expose nearby personnel or bystanders to excessive sound levels

LRAD significantly extends standoff zone perimeters in friendly or escalated environments.

Instant Force Multiplier

LRAD's clear long range communications can be heard over background and crowd noise, through structure walls and inside vehicles at distances up to 1,500 meters.

Messages can be delivered in multiple languages so that instructions and messages are clearly understood.

One Officer can clearly communicate through buildings and over excessive background noise from a safe position.

Safely Disperses Crowds

More effective than a water cannon.

- LRAD Mounts Anywhere
- LRAD has Longer Range
- LRAD has an Unlimited Magazine
- LRAD is Easily Powered from any Vehicle
- LRAD Minimizes Arrests & Calms Unruly Crowds
- With LRAD, Nobody Gets Hurt

- Search and Rescue
- Crowd Control
- Natural Disasters
- Barricaded Subject
- Hostage Negotiation
- Mass Evacuation
- Mass Notification
- CBRN Incident Perimeter
- Event Management
- Building Evacuation
- Tactical Security Perimeters
- Mobile Checkpoints

LRAD significantly extends stand-off ones and perimeters in escalated environments.



Products



Weight: 15 lbs (7 kg)
LRAD Emitter Dimensions: 14" W x 14" H x 6.5" D
Power: Rechargeable, Replaceable Battery Pack
Audio input: Microphone and MP3 Player
Amplifiers: Internal
Continuous Acoustic Power: 137 dB @ 1 meter
Nominal Beam Width: 30° @ 2kHz
Beam Pattern: Conical-Symmetrical



Hand-held MP3 Player
w/Volume Control Knob



Wireless Option



Weight: 25 lbs (10 kg)
LRAD Emitter Dimensions: 25" W x 14" H x 10" D
Power: 12-28VDC (direct connection, no inverter)
Consumption: 25 Watts continuous, 150 peak
Audio input: Microphones, MP3, Computer Audio Output, Networks
Amplifiers: Internal (External as an option)
Continuous Acoustic Power: 143 dB @ 1 meter



Integrated Amplifier



Maxbeam
(optional)

Maxbeam Controller



MP3 Control Module

Products



Weight: 44 lbs (17 kg)

LRAD Emitter Dimensions: 25" W x 25" H x 12" D

Power: 12-28VDC (direct connection, no inverter)

Consumption: 25 Watts continuous, 250 peak

Audio input: Microphones, MP3, Computer Audio Output

Amplifiers: Internal

Continuous Acoustic Power: 149 dB @ 1 meter

Remote: 35 foot cable for remote control module / MP3



Weight: 81 lbs (32 kg)

LRAD Emitter Dimensions: 36" W x 40" H x 13" D

Power: 100 - 240VAC

Current: Max 8 amps, continuous 4 amps

Audio input: Microphones, MP3, Computer Audio Output

Amplifiers: Internal

Continuous Acoustic Power: 153dB @ 1 meter

Beam width: 30° @ 2kHz



Features:

- Carbon fiber emitter head
- Sealed & integrated electronics
- Multiple remote and local control options
- Up to 300' remote capability with Streamer
- Lighter composite case
- Over 300 installed with U.S. Navy

Products



Tripod



Trailer Mount



Hitch Mounts



Magnetic Mounts



Truck-bed Mount



SWAT Vehicle Mounts



500X RE Controller

Bear/Bearcat

Integrated Mount, Can be lifted through turret, Powered directly from vehicle electrical, system, Operates with hatch open or closed.

Uses:

Communicate from safety of the vehicle, Conduct hostage negotiation without the risks of deploying a throw phone, Communicate to and break up crowds, Provide mass notification during a crisis, or event.

Building and strengthening worldwide rep and distribution network. Utilizing successful trials and opening orders to grow markets for force protection and perimeter security around critical infrastructure and energy installations. Partnering with large defense contractors on LRAD's inclusion into their programs of record and international business opportunities with AHD requirements. Expanding International capabilities through regional support facilities. Developing additional solutions based on market requirements World Leader with 100% Focus on Acoustic Hailing Devices



Ballistic Protection Equipment

***Armor Systems for the Military,
Security Forces and Law Enforcement***

★ *Combat Proven* ★ *Life Saving* ★



MDFP®

Mobile Defensive Fighting Positions are designed to provide the highest level of protection for troops in the field while allowing for full visibility and mobility. The units are instantly deployable and offer up to 12 square feet of viewing area that is safe from bullets, blasts and fragments.

The unit is available in four levels of protection, certified up to NIJ Level IV Armor-Piercing Resistant, and comes with a variety of mobility options – lag plates, casters or filled ATV-style tires. Camography™ is also available to add camouflage to units of any resistance level. A variety of features and options help maximize the MDFP's effectiveness in the field.

MDFPs are currently utilized by all branches of the U.S. Armed Forces in a variety of scenarios including:

- Combat zones
- Entry control points
- Security checkpoints
- High-risk posts
- Border crossings
- Roadblocks
- Other situations where a threat of rifle fire or terrorist attacks exists

DS-190 Series

NIJ IV & DOS 01-01
(30-06 Armor Piercing)

DS-180 Series

NIJ III & DOS 01-01
(5.56mm M855 and 7.62mm NATO)

DS-130 Series

NIJ IIIA
(.44 Magnum)

DS-110 Series

NIJ II
(9mm)



SafePoint®

The SafePoint® Mobile Security Station is designed to provide head-to-toe ballistic protection for security personnel while allowing for full visibility and mobility. It is an excellent way to enhance security and deter potential assailants with minimal preplanning, disruption, or expense.

SafePoint is available in a variety of levels of protection to meet your safety requirements — from NIJ Level II-certified 9mm resistant to NIJ Level IV-certified Armor-Piercing Resistant models. Sizes and weights vary by model, and custom-sized units are also available. A number of mobility options are available, from ATV-style tires to casters, and Camography™ can be added to make the unit look natural in any setting.

With a high level of protection in a mobile, easy-to-assemble design, SafePoint is ideal for a range of entry control applications:

- Courthouses
- Airports
- Embassies
- Government buildings
- Other situations where a threat of gunfire or terrorist attacks exists





Bridgeport™

The Bridgeport is an armor panel used to connect two MDFPs. A closable port is incorporated into the armor face of each Bridgeport, providing a protected firing position for a variety of weapons from within the units. Multiple Bridgeports and MDFPs may be connected in a series to form a ballistic- and blast-resistant fortification, providing a safe firing position for a variety of threats.



Awning

The Awning attachment is designed to protect personnel utilizing the MDFP from sun, precipitation and other natural elements. Troops are able to stay alert while remaining as comfortable as possible in all weather conditions. Awnings can be quickly and easily attached to, or removed from, the MDFP without the need for tools. The Awning attachment is available as either ballistic- or non-ballistic rated.



Ballistic-rated awnings provide protection against ballistic threats up to NIJ Level III (7.62x51 NATO). Ballistic awnings are easily assembled and require minimal tools to install them on an MDFP.

Tow Bar



The Tow Bar accessory is an attachment designed for MDFPs with ATV tires, enabling the unit to be towed by a vehicle. Available in pintle ring or 2-inch ball receiver configurations, the Tow Bar makes it quick and easy to move the MDFP short distances, such as across a military base, for use at another location.

Rear Swivel Casters



Rear swivel casters are used with MDFPs to increase mobility over both improved and unimproved surfaces. These casters allow a single officer to move the shields to the exact location necessary for their operations without the use of heavy machinery.

Camography™



Camography™ is a fully customizable powder coating process which is added to MDFPs and SafePoints to make the units look natural and ensure maximum concealment in any environment. Camography can also be applied to the transparent armor panel of the unit with a one-way see-through film. Whether used in diplomatic or government facilities – or forests, deserts and other outdoor settings – images of the location in which the unit will be deployed, from brick walls to grasslands, can be matched in exact color and scale.

Acoustic Device

In cooperation with LRAD® Corporation, MDFPs are available with state-of-the-art long-, medium-, and near- range acoustic hailing devices to communicate with crowds and individuals and warn them of potential vehicle/vessel threats over distances up to 3,000 meters. These acoustic devices broadcast warnings and determine the intent of potential threats, allowing security personnel to execute proper escalation of force (EOF) protocols from safe distances.



LRAD 100X™	LRAD 300X™	LRAD 500X™	LRAD 1000Xi™
Max dB 137dB	Max dB 143dB	Max dB 149dB	Max dB 153dB
Max Range 600+ Meters	Max Range 1,000+ Meters	Max Range 2,000+ Meters	Max Range 3,000+ Meters
Operational Range 250 Meters	Operational Range 350 Meters	Operational Range 650 Meters	Operational Range 1,250 Meters
Power Battery / Vehicle 90-260 VAC	Power 12-24 VDC	Power 12-24 VDC 90-260 VAC	Power 90-260 VAC

Heater



The heater is an attachment for the MDFP that can be used by those in colder climates. The heater uses existing bolts to attach to the MDFP, and requires standard 120V power. The heater ships assembled on its mounting bracket – which features a durable, anti-corrosion powder-coated finish – and can be installed by one person in approximately 10 minutes.

Shelf with Drawer



MDFP and SafePoint shelves are available to establish a working surface to write on or to use the unit as a podium. Shelving units are available with or without drawers and can be built of wood or metal. Custom shelving units are available upon customer request.

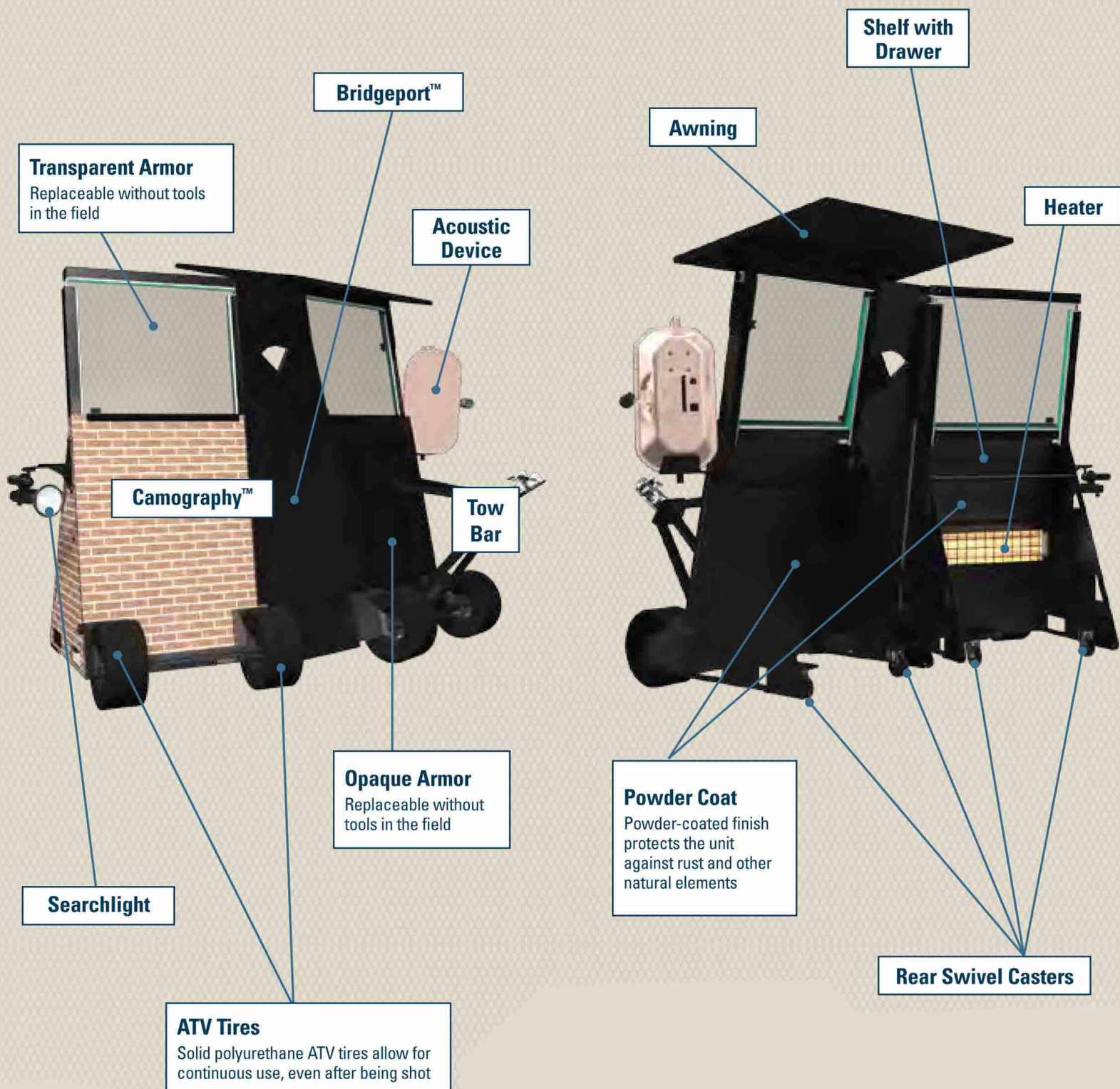
Searchlight

In cooperation with Peak Beam Systems, Inc., MDFPs can be outfitted with long-range Searchlights for use in identifying oncoming vehicles and personnel. Maxa Beam Searchlight is a lightweight, high-intensity illumination system with an output of 12,000,000 candlepower. The Maxa Beam has three light intensity settings and a powerful strobe that makes it a disorienting non-lethal weapon. The Searchlight also features a motorized beam width adjustment that allows the user to



vary the beam from a 1° spot to a 40° flood with the press of a button. All Maxa Beam Searchlights have a remote port and can be controlled using wired switches or a wired remote handle and are available with an IR filter (sold separately).

Output	Range	Infrared Range	Beam w/ Adjustment
12,000,000 Candlepower	3,500 Meters	1,400m w/ 850nm IR Filter	1-40 degrees Candlepower



Barrier Cap™

The Barrier Cap™ is an armor and glass system which adds approximately 3.5 additional feet of up to NIJ Level IV Armor-Piercing Resistant vertical protection to concrete barriers. Units are designed to fit existing concrete barriers with an adjustable bracket system and are available in 2-foot modular sections of full glass; full armor with a weapon port; or ½ glass-½ armor with a weapon port.

Ideal for military bases and outposts, as well as critical infrastructure and heavily secured facilities, the Barrier Cap is an effective way to immediately create an area of head-to-toe protection from snipers and other enemy threats while allowing for 360-degree visibility.



Rail Cap™



The Rail Cap™ is an armor and glass system designed to add ballistic, blast and fragment protection to shipboard and architectural railings. Once installed, the unit provides 10 square feet of up to NIJ Level IV Armor-Piercing Resistant protection with a full field of vision and the ability to return fire.

The Rail Cap is ideal for use on commercial and military ships traveling in high-risk areas, as well as guard towers, prisons and government buildings. Rail Cap units are also effective for maritime anti-piracy use. Universal fittings enable the units to be easily and securely attached to a variety of railing configurations.

STEGO®

Created in collaboration with the U.S. Armed Forces, the STEGO® Modular Armor System was designed to provide ballistic protection in constantly changing threat environments. STEGO enables security team members or fielded troops to create a position that is protected against rifle rounds up to NIJ Level IV 30-06 AP.

The STEGO Modular Armor System is built using four different types of individual blocks – base, armor, weapons port and window – each with matching structural framework and individually attached pins. This design allows a single user to quickly and easily assemble a unit in the exact configuration needed to carry out operations.

Each block adds stand-alone protection with built-in framework which allows the user to build the STEGO system completely from the protected side. STEGO provides instant protection with the placement of the first block.

Standard assemblies are 12 blocks wide by 5 blocks high, and blocks can be configured at angles ranging from 90 to 180 degrees.

- **Semi-circular formation:** Can be used to combat threats from all directions.
- **90-degree formation:** Provides protection from threats in two directions.
- **3-sided formation:** Protects from threats in three directions.
- **U-shaped formation:** Commonly used as a guard house at an entry control point to a base or along a road. This configuration is available with an optional weather-resistant or ballistic canopy.



Semi-circular formation



Weapons Port Block



3-sided formation



U-shaped formation

TECOP



The TECOP (Towed Entry Control/Overwatch Position) is designed to be a guard house which can be easily maneuvered for a variety of entry control point configurations. It can also be used for temporary gates without the need for brick and mortar structures.

TECOP is available with NIJ Level IV Armor-Piercing Resistant walls and windows, is electrically wired, and it features interior lighting, closeable weapons ports, an interior desk, mounted AC/Heat Pump unit, and a full 360-degree view from inside. TECOP can also be outfitted with a number of additional accessories, such as a Long Range Acoustic Device or high-power Searchlight.

Briefcase Insert™ (BCI)

The Briefcase Insert™ (BCI) provides convenient and discreet protection for VIPs, undercover law enforcement and business executives. Constructed of either NIJ Level IIIA (High Velocity 9mm; .44 Magnum Resistant) or NIJ Level III (5.56mm & 7.62mm NATO Resistant) materials, it is capable of sustaining multiple rounds.

The Briefcase Insert is thin and lightweight – easily fitting into any standard-size briefcase, backpack, computer case, or large handbag. It is available in a variety of patterns from camouflage to faux leather finishes, and is non-metallic and able to go through X-ray machines.



Ballistic Podium

The Ballistic Podium is designed to provide ballistic protection up to NIJ Level IV to security personnel or high-profile speakers who may be at risk. Ballistic Podiums are equipped with removable shelves and are available as a stationary unit or mobile unit with swivel casters. Potential deployments include:

- Airports
- Entertainment venues
- Conference halls
- Courthouses
- Police stations
- Educational lecture halls
- Speaking events



Safe Desk™

The Safe Desk™ is a modular panel and bracket insert designed to provide inconspicuous protection from ballistic threats up to and including NIJ Level IV Armor-Piercing rounds.

Ideal for use in government buildings, courthouses, embassies, airports and any other facility that houses high-profile workers, the Safe Desk provides a higher level of protection while maintaining an unobtrusive appearance.

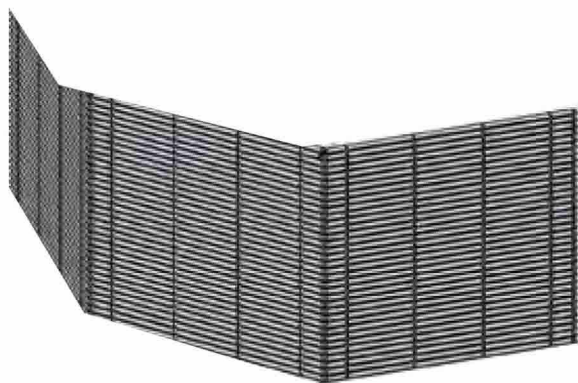
Each standard Safe Desk panel is 10 inches wide x 24 inches tall and can be customized to fit any size or type of desk. All assembly of the Safe Desk can be completed on-site with no tools in approximately 10 minutes.



RPG Wall™

The RPG Wall™ system is a modular pre-detonation screen designed to protect field units from rocket-propelled grenades and other anti-armor munitions. Ideal for combat zones and high-risk areas, the RPG Wall is a simple and effective tool for enhancing the safety and security of high-value assets. Its modular panel system allows for the construction of a custom-sized wall of varying configurations.

The RPG Wall is specifically designed to disrupt duplex warhead attacks.



Sentry Protection System (SPS)™

The Sentry Protection System™ provides the best in protection and visibility, combining a standard STEGO kit with three sections of RPG Walls to create an area of maximum security. With the SPS, soldiers are protected from bullets, blasts, RPGs and other anti-armor munitions while maintaining full visibility of incoming threats.



PointMan® Ballistic Handheld Shields

PointMan® Ballistic Shields are designed to provide ballistic protection for personnel in a variety of tactical situations. The lightest shields in their class – and up to NIJ Level III (7.62mm NATO) resistant – PointMan shields are highly effective in police raids, crowd control, prisons and other applications where both protection and mobility are essential.

PointMan is available in eight models of varying shapes, sizes and levels of protection, and tactical teams can expand the capabilities of their shields with a number of additional options.

NIJ Level IIIA

- Available with or without bullet-resistant viewport
- Straight or ambidextrous handle options
- Curved platform design protects from angled shots

NIJ 0108.01 Level IIIA resistant

- 9mm Luger 124gr FMJ
- .44 Magnum 240gr SWC

NIJ 0101.06 Special Threats resistant

- 9mm Luger 124grGDHP +P
- 9mm Winchester Ranger 127gr SXT +P+
- 357 SIG Remington 125gr GDHP
- 45 Cal 230gr HST +P
- 5.7x28mm 27gr SS195 LFHP and 40gr SS197 "Blue Tip"
- 7.62 x 25mm Tokarev 85gr FMJ and SJLC



Gladiator

Dimensions:
24"w x 48"h

Weight:
15.5 lbs w/o viewport
19 lbs w/ viewport



Knight

Dimensions:
17"w x 40"h

Weight:
11 lbs w/o viewport
14.5 lbs w/ viewport



Centurion

Dimensions:
24"w x 32"h

Weight:
11.5 lbs w/o viewport
15 lbs w/ viewport



Spartan

Dimensions:
24"w x 40"h

Weight:
13.5 lbs w/o viewport
17.0 lbs w/ viewport



Also available without firing portal cutouts.



Viking

Dimensions:
24"w x 40"h

Weight:
13.0 lbs w/o viewport
16.5 lbs w/ viewport



Also available without gun rests

NIJ Level III

- Available with or without bullet-resistant viewport (Abrams and Patton Only)
- Handles designed for two-handed upright or side grip
- Forearm pad to enhance balance
- Flat platform design



Abrams

Dimensions:
20"w x 38"h

Weight:
28 lbs w/o viewport
36 lbs w/ viewport



Patton

Dimensions:
20"w x 30"h

Weight:
23 lbs w/o viewport
31 lbs w/ viewport



Sherman

Dimensions:
20"w x 24"h

Weight:
19 lbs w/o viewport
(not available w/ viewport)

Additional options for Level IIIA and Level III units may include:

Lights (900 lumens), Firing Portals, Protective Film, Non-Metallic Side Racking Plates, Ambidextrous Handles, Drop Straps and Protective Carrying Bags.

Call for more information.

Handheld Riot Shield (NBS)

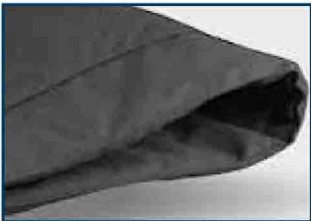


The Handheld Riot Shield (NBS) is a lightweight, shatter-resistant shield capable of withstanding impacts from swinging strikes, bricks, bottles, splash and rocks. The NBS is designed for use in corrections and law enforcement applications, and is particularly effective for crowd and riot control.

Tested and approved at the National Institute of Justice Annual Mock Prison Riot™, the NBS is capable of being folded in half repeatedly with no creasing damage, and its interlocking edges allow personnel to form a unified, solid barrier with multiple shields.



PointMan® Ballistic and Blast Blankets



PointMan Ballistic and Blast Blankets can be used for personnel shielding, doorway protection, operation in mining, demolition, construction and pipelines, military and police operations, and homeland security. They are designed

with multiple layers of high-performance, unidirectional, aramid material and DuPont fibers, and the blankets' ballistic material is contained in a sealed cover made of black 210-deneir nylon with 2.5 mils of polyurethane waterproof cover. They are available in sizes of up to 57" x 61" in single pieces, with limitless size availability when the material is stitched with a 4" overlap between pieces.

PointMan Ballistic Blankets are certified NIJ 0101.06 Level IIIA resistant to protect personnel and equipment from pistol-rated threats.

PointMan Blast Blankets have undergone independent testing at the NIJ Laboratory and can provide superior protection against a variety of blast threats.

DET-Kit™

The DET-Kit™ is designed to aid troops in combat operations by providing all the tools necessary for Tactical Site Exploitation (TSE) and Detainee Processing in one case. Ideal for use in areas where persons of interest may be located, the DET-Kit ensures more efficient and organized investigative operations.



Available in hard plastic case or assault pack

Evidence Collection items:

- Identification board with ruler
- Large evidence bags
- Fingerprinting kit
- Evidence-numbering cards
- Digital camera
- Flashlight
- Telescoping mirror
- Markers & pens
- EXPRAY Explosive Detection Kit (*optional*)
- Drop-Ex Plus Explosive Detection Kit (*optional*)
- DNA Buccal Swabs (*optional*)

Detention items:

- Flexi-cuffs
- Flexi-cuff cutters
- Eye coverings
- Ear protection
- Puncture-resistant medical gloves
- First aid kit for non-life-threatening injuries





MAG-D® (Molle Adaptable Grenade Dispenser)

The MAG-D® system consists of a transport pouch and grenade dispenser designed to give front-line soldiers easy access to 40mm HE-DP grenade loads. Worn outside the uniform and gear, MAG-D dramatically increases the combat load – with each system holding and dispensing up to 5 HE-DP or TP rounds.

- Eliminates the need to carry rounds in cargo pockets or drop pouches with snaps that may seize shut.
- Dramatically increases the soldier's rate of fire through muscle memory training
- Ensures that the hand is always holding the round in proper form to load the weapon
- Provides a fluid-motion, quick round release and has a built-in loading assistant for smooth and fast loading
- Designed to prevent jamming, virtually maintenance-free and requires no disassembly
- Safely protects the round and primer from damage during patrols and operations
- Available in multiple patterns to include ACU, Multi Cam and Coyote Tan

Defenshield® Window Systems

Defenshield® offers a variety of window systems tailored for use in applications ranging from sand bag bunkers to permanent or semi-permanent buildings in areas vulnerable to small arms fire, sniper fire and extreme winds. Our engineers are also available to customize more conventional window systems to specific customer needs.

Sand Bag Window™



The Sand Bag Window™ (SBW) is designed to dramatically increase visibility at entry control points or patrol points where open bunkers or sand bag shelters are used. With the SBW, traditional fighting positions take on expanded uses from both a tactical and reconnaissance standpoint.

The unit provides personnel with NIJ Level IV Armor-Piercing Resistant protection

and is equipped with a quick-change glass window and closeable weapon access port to give soldiers a secure firing point with minimal exposure.





Guard House Window™

The Guard House Window™ system brings new visibility to typically opaque wall structures and provides up to NIJ Level IV Armor-Piercing Resistant protection that can be customized to fit varying sizes and applications. These windows are uniquely designed to allow users to change the glass safely from the inside of the fortification in minutes without the use of tools.



Hurricane Window™

The Hurricane Window™ system is designed for buildings in hurricane-prone areas, including government and municipal buildings, hospitals, hotels, temporary structures and safe houses for first responders.

The system is able to withstand hurricane-force large-missile impact and is certified to meet FEMA specifications for impact of a 10-foot-long, 15-pound, wooden 2x4 traveling at 100 miles per hour. This level of protection is similar to NIJ Level IIIA, making the system capable of providing ballistic protection of up to .44 Magnum caliber or its equivalent in flying debris.

Custom Windows

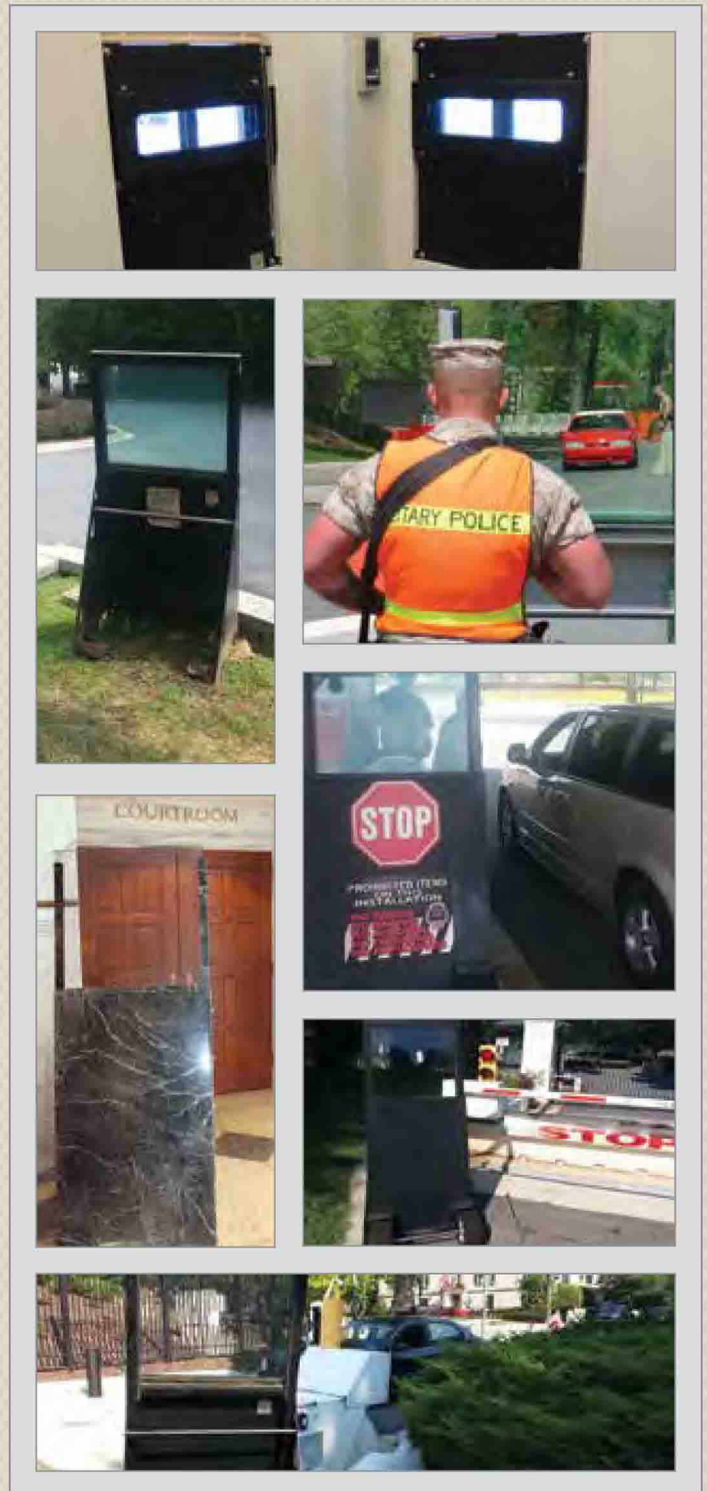
Custom windows provide up to .50 cal Armor-Piercing protection and are specifically designed to meet customers' requirements. A polycarbonate spall liner is applied to all glass to catch small glass debris.



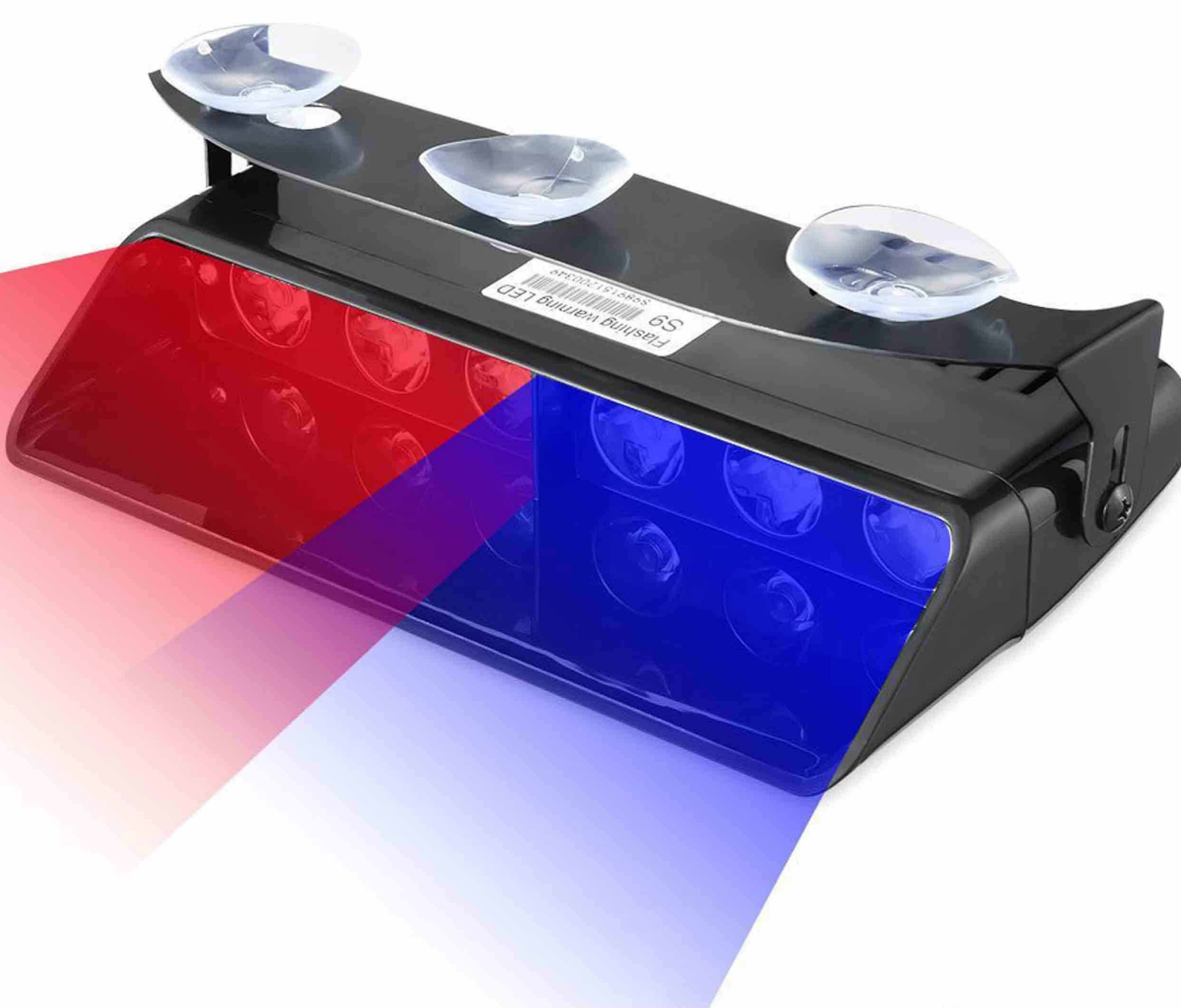
Custom Work

A veteran-owned, veteran-staffed business, Defenshield® understands the needs of our customers in the field because we've been there before. We offer full engineering and security consulting services and we specialize in working with clients to develop custom designs to meet particular needs.

Custom installations include a variety of ballistic-resistant windows, personnel access point designs and defensive positions at nuclear facilities. In fact, our Security Kiosk Window was designed in response to a specific customer request. Contact us today, and we'll work with you to create a custom solution.











Client Reference



COMPLIANCE





Intense Protection & Tourists Services

CONTACT US

Tel: 08614683673 | **Tel:** 0861 INTENSE | **Fax:** 0867204230

Email: Admin@mgngroup.co.za | **Email:** info@mgngroup.co.za