- ■ CUSTOMER BASE
- ● MANUFACTURING | SALES OFFICE

A-1 FENCE
Fence & Fence-ability

MIDDLE EAST

ARAVALI FENCE LLC
PROTECTING ASSETS, BORDERS AND PEOPLE

UAE

Aravali Fence LLC
Plot No. - 7, Street - 37,
Industrial Area - 1,
Jebel Ali, P.O. Box: 83663 |
Dubai – UAE

Tel: +971 42665847
Email: sales@aravalifence.com
aravalifence.com

آية-ون فينس العربية
A-1 FENCE ARABIA

KSA

Building No.-8150, Additional No.-4188
Street 114, State-Al Dana
District-Jubail Pin Code-35514
PO Box no: 2874

Tel: +966 57 097 4949
Email: sales@a-1fencearabia.com.sa
a-1fencearabia.com.sa

A-1 FENCE OMAN
PROTECTING ASSETS, BORDERS AND PEOPLE

OMAN

A-1 Fence Products LLC.
P.O. Box 149, Postal Code: 512
Buraimi Indl. Area, Al Buraimi
Sultanate of Oman

Tel: +968 95823967
Email: sales@a1fence.com
a1fence.com

ASIA

A-1 FENCE
Fence & Fence-ability

INDIA

21, Raju Industrial Estate
Penkarpada Road, Mira Road
Dist. Thane, near Dahisar Check Naka
Mumbai, Maharashtra 401107

Tel: +91 80621 60407
Email: sales@a1fenceproducts.com
a-1fenceproducts.com

We are here to assist you!
We would like to hear about your problems/grievances with anything so we can improve!
Email us at **customerservice@a1fenceproducts.com**

HIGH SECURITY SOLUTIONS

A-1 Fence
Your Trusted Perimeter Security Partner for Over 25 Years

Securing Excellence Globally for 25 Years

A-1 Fence goes beyond merely constructing fences; we innovate security solutions that redefine the very concept of safety. With a legacy spanning over two and a half decades, we have consistently set the benchmark for perimeter fencing. Our commitment to revolutionizing the fencing industry is deeply rooted in our vision for high-quality, pioneering solutions.

What distinguishes us is our capability to deliver comprehensive security solutions. We've honed our expertise not only in safeguarding physical perimeters but also in providing intelligent and active electronic security solutions for seamless detection and swift response. A-1 Fence leads the industry by seamlessly merging traditional craftsmanship with cutting-edge technology.

Highlighting our **Middle East presence** in **KSA**, **UAE**, and **Oman**, A-1 Fence is globally recognized for securing diverse perimeters, including international borders, government infrastructures, industries, factories, roads, highways, farmlands, and commercial and residential buildings. Our support spans across 50 countries worldwide, including India, GCC countries, America, UK, Australia, Spain, France, Guatemala, Poland, and more.

A-1 Fence is not just a brand; it's a commitment to safety. With 25 years of unparalleled experience, we don't just perform our work; we define it. Choose A-1 Fence as your trusted partner in securing the future.

Our Vision

10x **growth** through **entrepreneurial spirit**, **global connect** and **passion** for **excellence**.

Why choose us?

Global Excellence & Local Manufacturing

A-1 Fence operates in more than 50 countries worldwide, ensuring that you're working with a global leader in the field. With over 4 manufacturing facilities in **UAE, KSA, Oman & India** A-1 Fence boasts a manufacturing capacity of more than 60,000 metric tons per annum. Our core competency lies in its ability to supply complete systems, designed and manufactured to spec and most importantly to ASTM / BS-EN certified standards.

Innovative Approach

Our commitment to innovation means you'll benefit from cutting-edge technology and modern solutions that keep you ahead of the curve. We have an inhouse R&D facility which works diligently towards creating world class innovative products.

Service & Installation

We're not just about installation. We provide end-to-end support, so your security remains effective and efficient over time. A-1 Fence provides a dedicated team for complete end - to - end installation & AMC support for maintaining the various systems by a strong network of partners and inhouse supervisors, trainers and support team.

Unmatched Expertise

We bring over two decades of unparalleled experience, making us the professionals in perimeter security. Our team of specialized engineers & architects offer the right consultancy for fencing needs by understanding the customer requirements and site conditions

Complete Solutions

We offer a comprehensive range of security solutions, from physical perimeter fencing to advanced electronic security systems. It's all under one roof. At A-1 Fence we understand that one solution might not fit all. We help in designing a complete solution package by understanding the security threats at site and selecting suitable combinations of products and integrating all of them

Superior Coating

Our state of the art coating setup is capable of producing superior quality coatings like PPC, PVC or TPC which helps our fences sustain its novelty even in harsh environmental conditions.

INDEX

PERIMETER PHYSICAL SECURITY SOLUTIONS

A-1 Alcazar AVB (Beam Barrier)

A-1 Alcazar AVRB (Rope Barrier)

A-1 Alcazar AVB Barrier System is an M50 P1 crash-rated Anti Vehicle Barrier System that can effectively stop and/or disable the vehicle which breaches the perimeter of a protected area having critical assets complying with ASTM F2656. The M50 P1 rating indicates that it can withstand a 15,000-pound vehicle traveling at 50 miles per hour. This cable system is used to create a continuous barrier system around the perimeter.

A-1 AKAT® Fence

AKAT® Fence is a rigid weld mesh Anti-Personnel Delay Rated Fence, designed to provide a strong barrier against unauthorized access. This state of the art solution provides unparalleled intrusion protection for critical installations and high risk environments adhering to prominent standards like ASTM & LPCB for its different variants like Akat® NG 30, Akat® 300, Akat® 300 60 Alpha. Akat fences can give delay time between 5.5 mins to 30 mins under aggressive power tools depending on the variant.

Chainlink Fence

Chain Link Fence is a time-tested fencing solution that sits well with a wide array of applications – from farms to high-security sites. Depending on your specific use, we at A-1 Fence can supply premium quality Chain Links as well as complete Chain Link Systems as per ASTM and BS standards.

FEATURES

A-1 AKAT® FENCE
Delay Rated Fence

PERIMETER PHYSICAL SECURITY SOLUTIONS

A-1 Akat® Fence is a delay rated fence for critical infrastructures and international borders requiring ultimate security. Enabling **forced entry resistance**, this fence is designed to provide a high level of resistance and delay against unauthorized access or intrusion attempts. A-1 Akat® Fences can give delay time between 6.4 minutes to 30 minutes under aggressive power tools depending on the variant.

A-1 AKAT® NG 30

ASTM F2781-15

Aggressive Tools:
6 Minutes 30 Seconds

A-1 AKAT® 300

ROP / LPS1175

Aggressive Tools:
22 Minutes 45 Seconds

A-1 AKAT® 300 60 ALPHA

ROP/LPS1175

Aggressive (SR5):
10 Minutes 15 Seconds

DELAY TIME
Designed to offer a delay time ranging from 6.4 minutes to 31 minutes

EXCELLENT VISIBILITY INDEX
Enabling security patrols and perimeter monitoring and assessment systems to have a clear field of view

LONG LIFE
Superior coating that guarantees corrosion resistance enabling long life

HIGH DETERRENCE
Additional topping of Concertina coils and wall spikes for further fortification

INSTALLATION SUPPORT & CUSTOMIZATION
Enabling customization to mitigate the installation complexities, while providing expert end-to-end installation and AMC support

Scan the QR
for the video

A-1 KAWACH®
Delay Rated Fence

PERIMETER PHYSICAL SECURITY SOLUTIONS

A-1 Kawach® is an **ROP approved delay rated fence** that is a combination of weldmesh system and honeycomb fabric. It enables high visibility which makes it ideal for medium and high security installations

Aggressive Tools:
1 Minute 35 Seconds

✔ **ROP (SPECIAL REQUIREMENT)**

A-1 KAWACH® 35B3

LPS 1175

A-1 Kawach® 35B3 is a **LPCB certified SR2 rated delay Fence** in accordance with LPS 1175 . It is engineered to create a delay time of 3 minutes, giving ample time to alert the authorities and respond to the threat before any serious damage can occur. This system can be accommodated with fence toppings without affecting the security rating.

FEATURES

DELAY TIME
Our delay rated fences ensure optimal security by creating a substantial buffer, offering a guaranteed delay ranging between 1 minute to 3 minutes

ANTI-CLIMB
Very Low mesh size makes it difficult to penetrate fingers and to climb the fence

DIFFICULT TO CUT
Cutter cannot penetrate into the mesh opening due to very small size

STRONG & RESILIENT
All mesh joints are welded, making it very strong and forcing to intruder to cut the whole panel to gain access

LONG LIFE
In a world where security is an enduring need, the A-1 Kawach goes beyond immediate protection. Its robust construction guarantees a prolonged lifespan, fortified against corrosion and environmental challenges

EASY INSTALLATION
Innovatively designed to provide a hassle free installation experience on site

A-1 ALCAZAR AVRB

Anti-Vehicle Rope Barrier

PERIMETER PHYSICAL SECURITY SOLUTIONS

The pioneering single rope approved version and the most efficient system worldwide for perimeter security with the crash rating of ASTM F2656 M50 P1. This innovative barrier comprises just three components: poles, ropes, and wire rope clips. It has the capability to halt a 6.8-ton vehicle traveling at 50 mph within a penetration distance of just 1m.

✔ **ASTM F2656 M50 P1**

Weight	Speed	Penetration
≥6.8 tons	**50 mph**	**<1 Mtr**

WORLD'S FIRST SINGLE ROPE ANTI-VEHICLE BARRIER

FEATURES

COMBINED FOUNDATION

Both posts are situated close to each other with AVB posts placed at 6m intervals and APF posts at 3m intervals and where they align, a common foundation is made for optimizing time and reducing costs.

HIGH STRENGTH

Compliant with ASTM F2656 M50 P1, AVRB's robust engineering makes it capable of stopping a 6.8 ton vehicle charging at a speed of 50mph within a penetration distance of 1m.

LONG LIFE

The hot dip galvanization after fabrication ensures long life of the barrier while maintaining its aesthetic charm over the years

QUICK INSTALLATION DUE TO SIMPLE DESIGN

This innovative barrier comprises just three components: poles, ropes, and wire rope clips, thus proactively providing a hassle free installation experience

Scan the QR for the video

ADNOC/CICPA APPROVED WELDMESH

PERIMETER PHYSICAL SECURITY SOLUTIONS

A **durable physical barrier** with exceptional visibility, perfect for medium and high-security sites. It features an Anti-Climb, Anti-Cut fence system.

Aravali Fence LLC, UAE is pleased to announce the official signing of a Strategic Collaboration Agreement (SCA) with ADNOC at ADIPEC 2023. The SCA was signed by Dr. Saleh Al Hashmi, ADNOC's Director of Commercial and In-Country Value, and Mr. Tajinder Singh Bindra, Director of Aravali Fence LLC, with further senior ADNOC officials in attendance.

FEATURES

OUTSTANDING VISIBILITY
The fence design prioritizes excellent visibility, ensuring a clear line of sight. This feature enhances surveillance capabilities and overall security monitoring

RESISTANT TO DIGGING
The fence system includes an anti-dig feature, reinforced by a buried weldmesh panel

ANTI-CUT
This anti-cut feature enhances the overall security integrity of the perimeter, preventing breaches through unauthorized incisions

ANTI-CLIMB
The fence system includes measures to deter climbing, making it difficult for intruders to scale the barrier

LONGEVITY
Our state of the art coating setup is capable of producing superior quality coatings which helps our fences sustain its novelty even in harsh environmental conditions

MODULAR DESIGN
The fence system features a modular design, making it adaptable to both small perimeters and continuous lengths. This versatility allows for easy customization to suit varying site requirements

CHAINLINK SYSTEMS

PERIMETER PHYSICAL SECURITY SOLUTIONS

Chain Link Fence is a **time-tested fencing solution** that sits well with a wide array of applications. Available in different wire diameters, mesh sizes, coatings, structures and heights it efficiently caters to different site requirements and conditions. Two of the most remarkable aspects of Chain Link Fence is its durability and versatility.

PDO APPROVED

NGC/CICPA/ADNOC APPROVED

HCIS APPROVED

CLASS 3 & CLASS 4 SOLUTION

CMW/PGC APPROVED

FEATURES

EASY INSTALLATION
Use of modular clamping fixtures promotes easy & fast installation which eliminates any welding or fabrication on site

LONG LIFE
Available in multiple coating options depending upon the environmental & site condition to help combat corrosion from degrading its life

CUSTOMIZATION OPTIONS
Multiple height & mesh type options available based on security, site and design requirements of the infrastructure

EXCELLENT VISIBILITY
Chain link fence essentially features a woven structure that ensures the security of the property, while offering an unobstructed view from both sides of the fenced premises
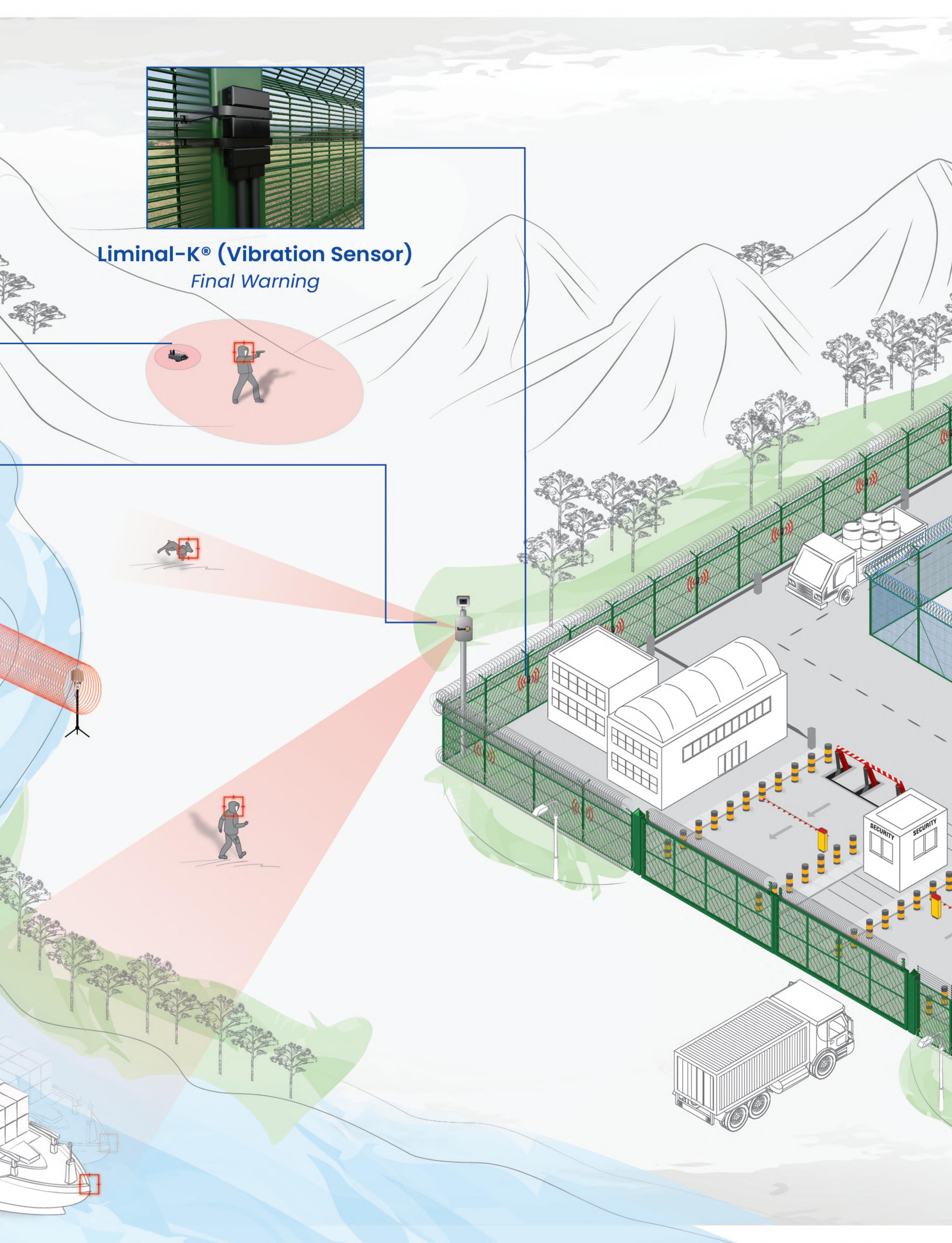
PERIMTER INTRUSION DETECTION SYSTEMS

Liminal-K® (Vibration Sensor)
Final Warning

Buried Seismic Sensor by Radiobarrier
Early Warning

Compact Surveillance Radar by Spotter RF
Early Warning

Microwave Sensor by Radiobarrier
Early Warning

Drone Detection Radar
Early Warning

Liminal-F (Fiber Optic Sensor)
Final Warning

Electric Fence
Final Warning

Fensense™
Final Warning

Straight and Tilt Camera Pole
Early Warning

EARLY WARNING

These intrusion detection systems provide early warning against any intrusions far away from the perimeter. These systems can also provide alerts against intrusions where direct line of sight is not available. The intrusions can be detected via land, water & air thus providing complete perimeter protection.

FINAL WARNING

These intrusion detection systems provide ultimate warning against any intrusion attempt of cutting, climbing or damaging the fence by sensing any disturbances on the fence. These systems provide accurate location of intrusions and also provide visual confirmation when integrated with PTZ cameras.

COMPACT SURVEILLANCE RADAR
BY SPOTTER RF

PIDS: EARLY WARNING

A-1 Fence is an authorized distributor of SpotterRF products.

These radars are equipped with **advanced artificial intelligence** to detect and classify the intruders in diverse conditions up to **380 acres** - with a range of 1.4 km. The system auto-cues the camera and can **track multiple targets** simultaneously.

FEATURES

ARTIFICIAL INTELLIGENCE TARGET DETECTION

SpotterRF uses state of the art artificial intelligence tracking algorithms able to classify and track targets for upto 380 meters classifying the target as Person, Vehicle, Animal, Drone and other without using a camera

COMPACT & PORTABLE

Ergonomic design both in size & power consumption promotes portability. SpotterRF also provides a portable kit which can be easily carried in a backpack and deployed in less than 20 minutes

RUGGED

SpotterRF radars are able to operate in temperatures ranging from -30°C to +60° making it suitable for different environmental conditions. The mean time before failure is 9000 hours

INTEGRATION READY

Can integrate seamlessly with industry leading video surveillance & PTZ cameras

NUISANCE ALARM CONTROL

Advanced intrusion detection algorithms which are capable of classifying targets, helps in controlling false alarms thus making sure that real threats don't go undetected

WIRELESS INTRUSION DETECTION SYSTEM
BY RADIOBARRIER
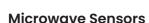
PIDS: EARLY WARNING

A-1 Fence is the authorized distributor of RADIOBARRIER systems from Polus ST - Russia.

It is an **advanced perimeter security system** for area surveillance and perimeter protection of zones with littleto no access to communication and infrastructure. The system includes **wireless intrusion detection technology** consisting of seismic, microwave & passive IR sensors.

VARIANTS

Seismic Sensors

Compact sensors capable of detecting intrusions by picking mechanical oscillations on the ground and providing coordinates of intrusion.

Microwave Sensors

These sensors create electromagnetic fields around the perimeter which detect any crawling, walking or running targets near the perimeter.

Infrared Sensors

Sensors that accurately detect any human or vehicular intrusion by processing the thermal signatures from the targets.

FEATURES

MESH NETWORK

All RADIOBARRIER systems communicate wirelessly between each other creating communication nodes in a mesh

RELIABILITY

RADIOBARRIER offers a very secure communication between the two way radio channels and the data can be transmitted to unlimited distance with a guaranteed delivery

HIGH PERFORMANCE

The advanced intrusion detection technology is capable of providing a large detection range. The system can be installed on any terrain and in any weather condition owing to its industry standard and IP rating

INTEGRATION

The RADIOBARRIER system operates on open standards (UHF 433) along with a set of software programs providing full control over the system

ERGONOMIC DESIGN

The lightweight and user friendly design helps in an easy setup of the sensors and other components

STRAIGHT AND TILT CAMERA POLE

PIDS : EARLY WARNING

Tilt Camera Pole

A highly advanced camera support solution which utilizes a unique tilting mechanism to eliminate the need for climbing the pole during maintenance.

ANSI/TIA-222G-2005

Straight Camera Pole

A highly engineered camera pole designed specially for critical camera installation that requires extremely stable video feed for analytics.

FEATURES

EASY MAINTENANCE

SAFETY

COLOR OPTIONS

LONG LIFE

LIMINAL-K®

MEMS Vibration Sensor

PIDS : FINAL WARNING

Liminal-K is a MEMS (Micro Electro Mechanical Sensor) based sensor that detects intrusions on fences or walls. It provides pinpoint intrusion detection. Demonstrates redundancy at all stages, including sensor level, control panel level, and network level.

FEATURES

TEMPERATURE ALARM
Liminal-K® senses the increase in temperature whenever any attempt is made to melt or burn down the sensor and immediately reports to the control room

MAGNETIC SENSOR
Magnetic chips are installed in sensors at equal intervals to make sure that the patrolling of the site is recorded with ease

SURGE PROTECTION
Any fluctuation in voltage is sent to the ground thus leaving the sensor and its components unharmed

TILT DETECTION
Any changes in the position of the sensor due to weather are easily detected and forwarded to the control room

TAMPER PROOF
As per HCIS compliance, Liminal-K® provides tamper proof operation such that the sensor chain, control panel & the software continues to operate normally even after detecting a failure in a few components. It ensures that the system has built in redundancy for contingency management

HASSLE-FREE INSTALLATION
The ergonomic design and the plug & play modules of the system provide for hassle-free installation. The modular stainless steel clamps/resistant cable ties allow the system to be installed on any type of post

LIMINAL-F BY TVS FOSS
Fiber Optic based Vibration Sensor

PIDS : FINAL WARNING

Liminal-F by TVS FOSS is a **robust, cost-effective fiber-optic intrusion system** for top-notch perimeter security that detects climbing, cutting, and breaking attempts on fences, triggering zone based alarms with ACTIVE Detection.

- Communication
- Detection

LIMINAL-F D2

FEATURES

INTELLIGENCE
The system senses the changes in motion, vibration, and pressure. These changes are received and processed by the intelligent algorithms inside the device along with a management software

ZONE MANAGEMENT
For deployment, the perimeter can be segregated into manageable zone lengths. Upto 16 zones can be monitored through a single hardware device and will be managed by a single instance of management software

ADAPTIVE SECURITY
Liminal-F is accompanied with a system software for the device operation, zone management, alarm indication and warning system to provide real-time alert of the intrusion attempt. It also allows the system to adapt itself to function effectively in the face of changing environmental conditions

NETWORK MANAGEMENT
The management software allows zone configuration, mapping and real time monitoring over a LAN network. Alarm Handling software is centralized to manage multiple devices over a LAN network

ELECTRIC FENCE BY JVA

PIDS : FINAL WARNING

An active perimeter security system which gives a non lethal but powerful shock to intruders and also generates local and remote zone wise audio-visual alarms in case of climbing or cutting attempts. The voltage ranges from 5000 V to 9500 V. In case someone disturbs the fence by cutting or shorting the wires then an audio & visual alarm is raised immediately. So one trying to tamper the fence will be immediately detected.

▶ Fence Top Electric Fence

▶ Wall Top Electric Fence

▶ Free Standing Electric Fence

▶ Piggybacking Electric Fence

▶ Agri Electric Fence

VARIANTS

FEATURES

POWERFUL YET SAFE

The fence system adheres to IEC 6000335:2:76 standard which ensures that shock from the fence is safe but strong enough to create a psychological barrier for the intruder

INTRUSION ALARM

Any attempt to cut, short or tamper the wires is immediately detected and a zone wise alarm is generated. Power loss and communication failure is also detected and informed. Alarms are displayed through both local & remote audio visual notifications & also via SMS/Email

SURGE PROTECTION

A sophisticated perimeter patrol software with a map based UI helps in monitoring and controlling the electric fence system zone wise. It also maintains an alarm log for post event analysis. The system can be integrated with industry leading video management softwares to connect PTZ cameras so that they cue to the zone where intrusion is detected

ADJUSTABLE SENSITIVITY

The threshold for alarm sensitivity can be adjusted between the range 10% to 90% of the programmed output voltage. The missed pulse count can be adjusted from 1 pulse to 8 pulses ensuring that the alarm is raised only if voltage falls below threshold

FENSENSE™

PIDS : FINAL WARNING

World's 1st Truly Integrated Perimeter Security Solution with an advanced intrusion detection system

This revolutionary SMART NEXT GEN product redefines security with unparalleled ease. FenSense™ combines robust physical security fences with state-of-the-art electronic intrusion detection technologies, creating a cutting-edge product that ensures unmatched security and protection for your property.

FEATURES

PLUG & PLAY
Modular system elements for easy and faster installation

REDUNDANCY
System can be configured in redundant mode to address a single point of failure

ADJUSTABLE SENSITIVITY
Each Fence-PCB as it is placed every 30 m, can communicate alarms to the accuracy of 15-30 m depending on the type of intrusion

HIGH ACCURACY
Any changes in the position of the sensor due to weather are easily detected and forwarded to the control room
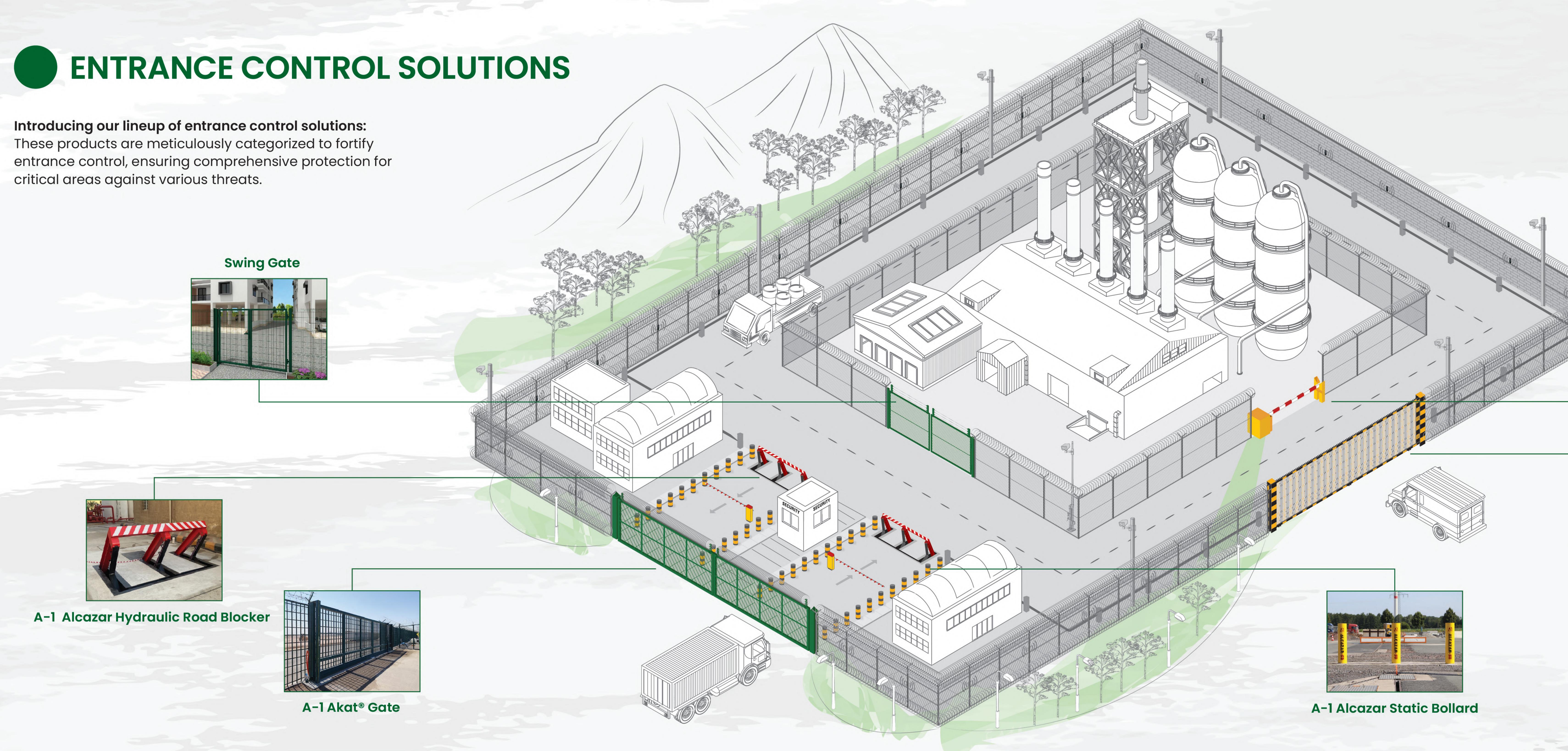
INDUSTRY LEADING FALSE ALARMS
Very low false alarms as the fence is a part of the sensing system

SELF ALIGNING MESH NETWORK
The sensors create a wireless mesh network for easy & fast communication
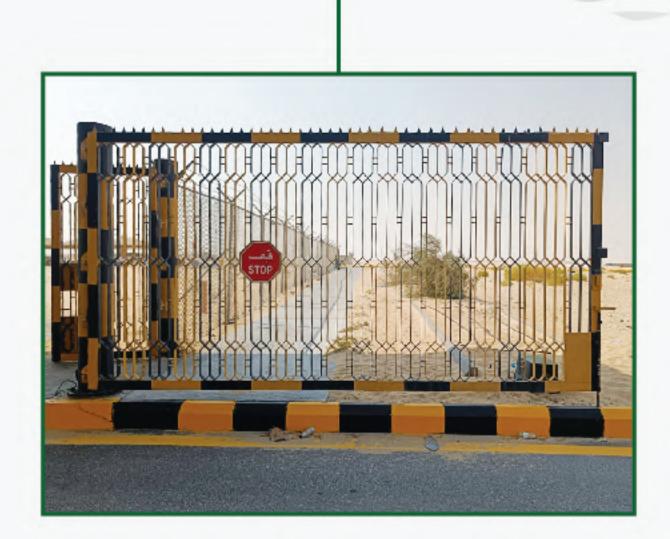
ENTRANCE CONTROL SOLUTIONS

Introducing our lineup of entrance control solutions:
These products are meticulously categorized to fortify entrance control, ensuring comprehensive protection for critical areas against various threats.

Swing Gate

A-1 Alcazar Hydraulic Road Blocker

A-1 Akat® Gate

A-1 Alcazar Static Bollard

A-1 Auxiliary Gate

A-1 Alcazar Crash Beam Barrier

A-1 GATES

ENTRANCE CONTROL SOLUTIONS

OUR RANGE OF GATES INCLUDE:

- ▶ Delay Rated Gate
- ▶ Sliding Gate
- ▶ Swing Gate
- ▶ Manual Gate
- ▶ Motorized Gate
- ▶ Auxiliary Gate
- ▶ Emergency Gate
- ▶ Special Engineering Gates upto 60m

AUTOMATION READY

A-1 Akat® Sliding Gate

Enabling forced entry resistance, these gates are designed to provide a high level of resistance and delay against unauthorized access or intrusion attempts.

A-1 Akat® Swing Gate

Delay Rated Swing Gates are a part of our range of entrance controlsolutions which includes high quality single leaf & double leaf gates with multiple infill options to suit your perimeter and infrastructure designs.

A-1 Rakshak® : SR2 Rated Gate

A-1 Rakshak® Gates are the first of their kind, featuring an innovative SR2 rating with emergency Panic Bar as per LPS 1175. These high-security gates are uniquely designed to provide a guaranteed 3-minute delay against intrusion, making them the ultimate protection for your property.

Auxiliary Gate

Auxiliary Gates are decorative gates made of sturdy steel to offer a respectable level of anti-vehicle protection. Combining aesthetic and security needs, A-1 auxiliary gates provide an impeccable solution for manned entry and exit points.

A-1 ALCAZAR HRB
Hydraulic Roadblocker

CRASH RATED ENTRANCE CONTROL SOLUTIONS

A-1 Alcazar HRB is a crash rated hydraulic Road Blocker that is precisely constructed to completely immobilize a large high-speed vehicle while being compliant with the crash rating of ASTM F2656 M50 P1. It flaunts a unique three finger design which results in no axle load limit and lesser maintenance.

✓ ASTM F-2656 M50 P1

Weight
≥6.8 tons

Speed
50 mph

Penetration
<1 Mtr

Scan the QR for the video

FEATURES

UNIQUE THREE FINGER DESIGN
Does not require any tracks, springs, pulleys and is completely secured from tampering

NO AXLE LOAD LIMIT
Any load exerted by the vehicles passing over the road blocker is sustained by disbursing it into the concrete foundation

SHALLOW FOUNDATION
Requires less civil work which in turn leads to cost saving

SAFETY LOOP DETECTOR | 2 LOOPS
Protects the vehicles passing on top of the impact plate to avoid crash accidents

Secured Position Height	42"
Foundation Depth	16"
E-Up Operation	<1.5 seconds
Operating Temperature	-40ºC to 77ºC
Standard Operating Time	3-5 seconds

A-1 ALCAZAR SB
Static Bollard

CRASH RATED ENTRANCE CONTROL SOLUTIONS

Engineered to offer exceptional protection against vehicular threats with a crash rating of ASTM F2656 M50 P1, A-1 Alcazar Static Bollard provides utmost confidence and assurance in perimeter security. It promotes shallow foundation that requires less civil work while boasting the highest spacing distance between two bollards.

✓ ASTM F2656 M50 P1

Weight
≥7.2 tons

Speed
50 mph

Penetration
<1 Mtr

Scan the QR
for the video

FEATURES

SUPERIOR IMPACT RESISTANCE
Capable of stopping an oncoming vehicle ≥6.8

LESS FOUNDATION DEPTH
Requires less civil work which in turn leads to cost saving making installation simpler

PROTECTION AGAINST CORROSION
Ensuring longevity and reliability even in the harshest environments

SEAMLESS INSTALLATION CUSTOMIZATION
Simplifying the installation process for a hassle-free solution

COLOR CUSTOMIZATION
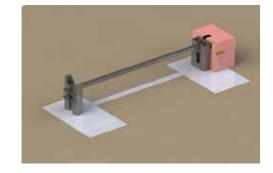Striking the perfect balance between security and architectural elegance

A-1 ALCAZAR CBB
Crash Beam Barrier

CRASH RATED ENTRANCE CONTROL SOLUTIONS

A heavy-duty drop arm barrier with a crash rating of ASTM F2656 M50 P1 that serves the purpose to control and restrict access to secure areas. Requiring manual operation using a torque handle, it offers a 20 feet clear opening which is amongst the widest tested crash beam barrier in the market.

✔ **ASTM F2656 M50 P1**

Scan the QR for the video

Weight	Speed	Penetration
≥6.8 tons	**50 mph**	**<1 Mtr**

FEATURES

ROBUST DESIGN
Designed to withstand heavy impact the CBB can be operated manually with ease using a removable handle, even with infrequent use. It includes a secure lock in both open and closed positions

WIDEST CLEAR OPENING
20 feet clear opening which is amongst the widest tested crash beam barrier in the market for ASTM F 2656 M50 P1 rating

QUICK INSTALLATION
Simple foundation design and easy installation steps makes installation at site very quick, saving time and money

LONG LIFE
Hot dip galvanization after fabrication followed by powder coating or thermoplastic coating, gives it a very long life even in saline or corrosive environments

AUTOMATED OPTION
Can be seamlessly upgraded to have an automated operation using either hydraulic or electric power without any change in design

COMPREHENSIVE & INTEGRATED PERIMETER SECURITY SOLUTIONS

Liminal-K® (Vibration Sensor)
Final Warning

A-1 Akat® NG 30
Perimeter Physical Security Solutions

A-1 Alcazar AVRB
Perimeter Physical Security Solutions

Drone Detection Radar
Early Warning

Buried Seismic Sensor
by Radiobarrier
Final Warning

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Final Warning
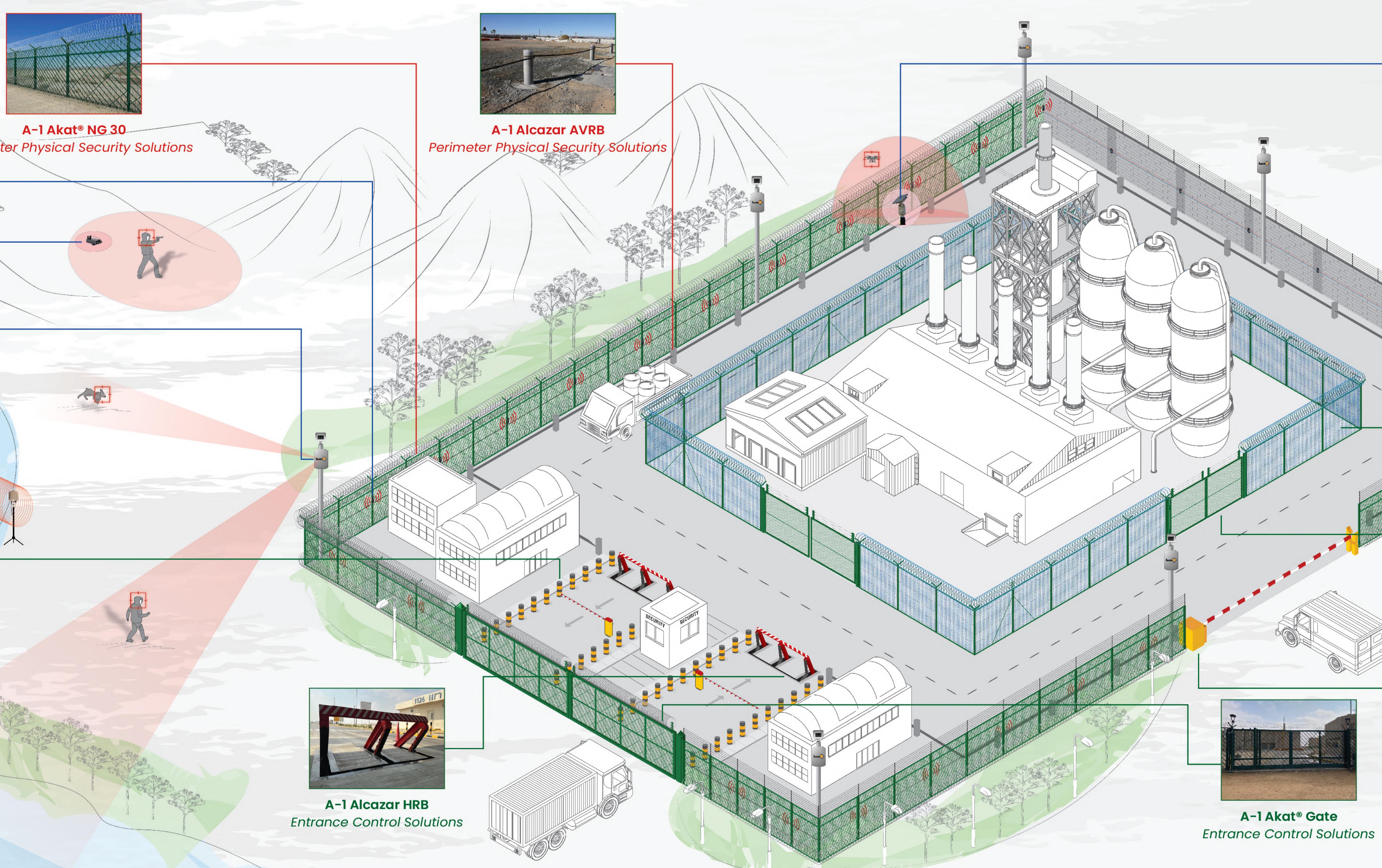
Compact Surveillance Radar
by Spotter RF
Early Warning

Electric Fence
Final Warning

Microwave Sensor by Radiobarrier
Early Warning

Fensense™
Final Warning

A-1 Alcazar SB
Entrance Control Solutions

A-1 Swing Gate
Entrance Control Solutions

Straight and Tilt Camera Pole
Early Warning

A-1 Alcazar HRB
Entrance Control Solutions

A-1 Akat® Gate
Entrance Control Solutions

A-1 Alcazar CBB
Entrance Control Solutions

● PERIMETER INTRUSION DETECTION SYSTEMS   ● PERIMETER PHYSICAL SECURITY SOLUTIONS   ● ENTRANCE CONTROL SOLUTIONS

ESTEEMED APPROVALS

KSA

UAE

OMAN

INDIA

Middle East

KSA

UAE

OMAN

India

OTHER PROJECTS

KSA

Sadara Value Park, Jubail

380kv substation, Sudair

Ma'aden Ammonia 3, Ras Al Khair
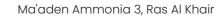

SWCC Tofie Welfiled, Jubail

SWCC EIC khobar WTS, Al Khobar

SEC 380kv Substation, Marjan, Tanajib

SWCC Jubail Riyadh WTS

SWCC Dammam Jamiyah WTS

Oman

Al Khud dam project - PAW

Oman-Yemen Border

Thumrait Prison Project

Petrofac

UAE

Etihad Railways

UAE-OMAN BORDER

Al Dhafra Solar Park

MBR DEWA Solar Park Phase 5

Al Qua Camel Race Track

Al Ain Zoo

Abu Dhabi Airport

ADNOC

MBR DEWA Solar Park Phase 4

RTA Fence

Al Masaood Energy - CICPA fence for Private Jetty

WAM Border Project - Dibba