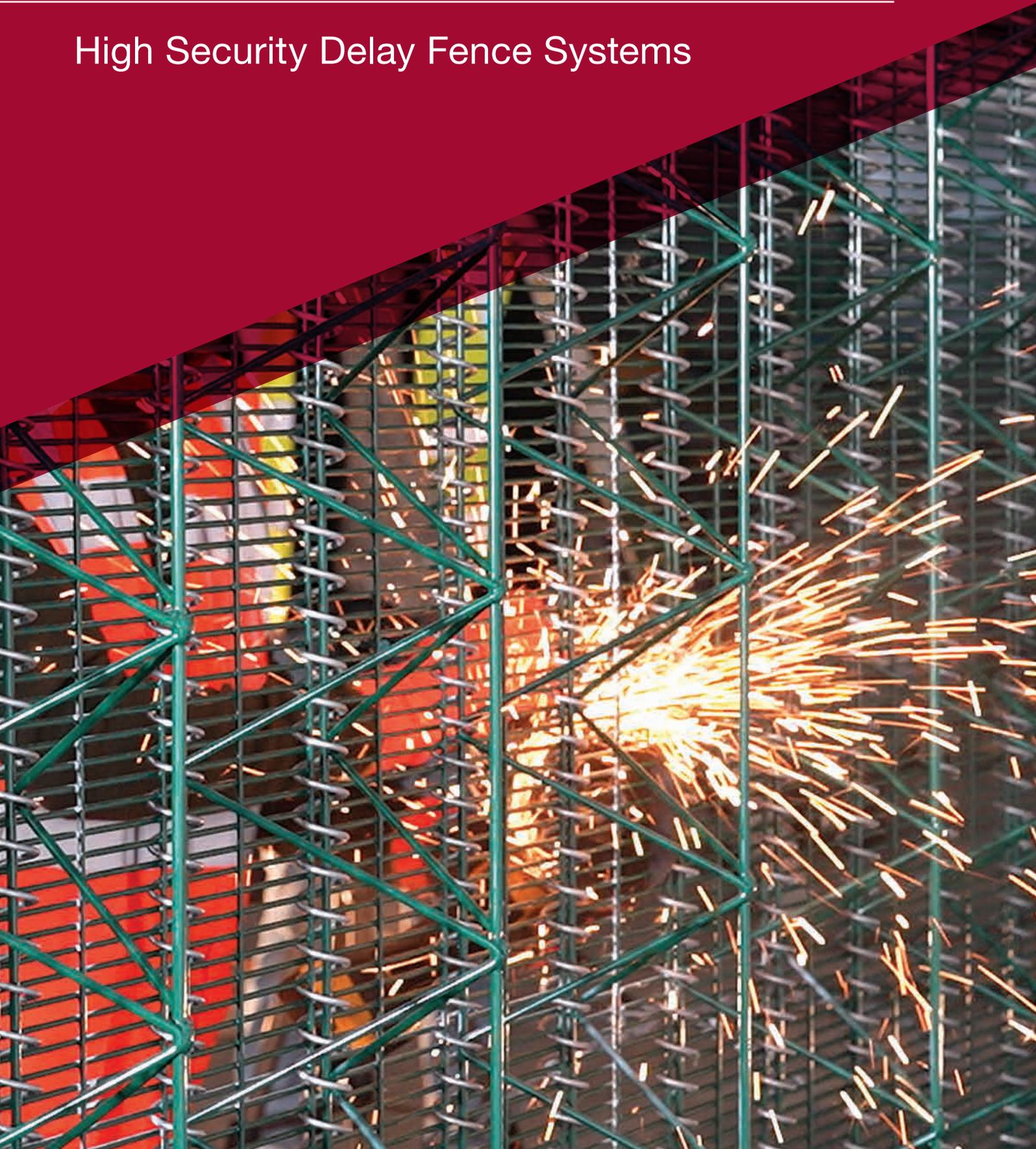


# Perimeter Protection

High Security Delay Fence Systems



A delay fence is a perimeter protection system specifically designed to slow down attempts by intruders to access a site.

Its main purpose is to delay unauthorised entry long enough for security teams to detect, respond, and intervene — making it harder and more time-consuming to break through.

## Main Features of a Delay Fence:



Strong materials that resist cutting or climbing



Small mesh apertures or welded panels to prevent hand or foot holds



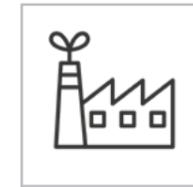
Hidden fixings to avoid easy tampering



Often delay fences are tested and certified to either ASTM F2781 or LPS 1175 for verified resistance to forced entry



Delay fences are increasingly used across all types of sites. However, they are commonly specified or mandated for:



Power plants and substations



Airports and military bases



Data centers and critical infrastructure



High-end commercial properties

A delay fence doesn't just mark a boundary — it's a security layer that buys time, helping prevent intrusions before they succeed.

# HCIS Compliance – Built for Saudi Standards

In Saudi Arabia, the **High Commission for Industrial Security (HCIS)** sets the official safety and security requirements for critical infrastructure, including oil & gas facilities, power plants, water treatment sites, and industrial complexes.

An **HCIS-compliant perimeter system** means your fencing, barriers, and access control meet **mandatory national guidelines** for strength, height, intrusion resistance, and hostile vehicle protection.

It serves as a guarantee to the site manager that the system is **approved for use in the Kingdom**, designed for **local conditions**, and ready to protect against real-world threats.



**THE STRONGEST, HCIS COMPLIANT FENCE ON THE MARKET**



# Betafence TriMax<sup>®</sup>

Betafence TriMax<sup>®</sup> is an HCIS compliant Anti-Personnel Fence certified to exceed Category 1 & 2 forced entry resistance requirements.



## Benefits

- Strength And Rigidity To Withstand Wind Speeds Of Up to 200km/Hour
- Delay Of Over 18 Minutes Using Medium Aggressive Tools, And Over 7 Minutes With Highly Aggressive Tools – Exceeding HCIS Compliance
- Market Leading 39.63% Visibility. Unlike Other Fence Systems With Traditional Posts, Even The Visibility At An Angle Is Excellent, Making It Perfect For Integrating With Cameras - And Fewer Of Them Are Needed

**Delay tested and certified to ASTM F2781**  
The TriMax system provides layers of protection which exceed the HCIS forced entry requirements:

- Delay Using Medium Aggressive tools: Over 18 minutes
- Delay Using Highly Aggressive tools: Over 8 minutes



### TriMax Layers of Security Protection:

- Anti Cut, Anti Climb fence panels
- Patented triangular post system
- Military grade spiral connectors
- Anti-tampering fixators



**OUR HIGHEST SECURITY, HCIS COMPLIANT FENCE**



# Securifor<sup>®</sup> Aman

Betafence TriMax<sup>®</sup> is an HCIS compliant Anti-Personnel Fence certified to exceed Category 1 & 2 forced entry resistance requirements.



## Benefits

- At 3M High As Standard, It's Appearance Alone Is A Deterrent To Intruders
- It's Anti Climb and Anti Cut Properties Delay Intruders From Entering The Perimeter, With A Minimum Of 7.2 Minutes Aggressive Threat Delay
- It's Good Visibility Levels Protect The Perimeter In Combination With CCTV Systems

**Delay tested and certified to ASTM F2781**  
The Aman system provides layers of protection which exceed the HCIS forced entry requirements:

- Delay Using Medium Aggressive tools: Over 11 minutes
- Delay Using Highly Aggressive tools: Over 7 minutes



### Securifor Aman Layers of Security Protection:

- Anti Cut, Anti Climb fence panels
- Vertical High Security Mesh Panels
- Military grade spiral connectors
- Anti-tampering fixators



**MODULAR, HIGH SECURITY,  
CERTIFIED PALISADE  
STYLE FENCING SYSTEM**

## Palifor®

**Modular High Security LPS 1175 B3 certified Palifor® fencing system, designed to protect critical infrastructure and sensitive sites.**

**Combining unlimited strength, deterrence and terrain adaptability in one system, offering a wide choice of heights, executions and pale styles.**

### Benefits

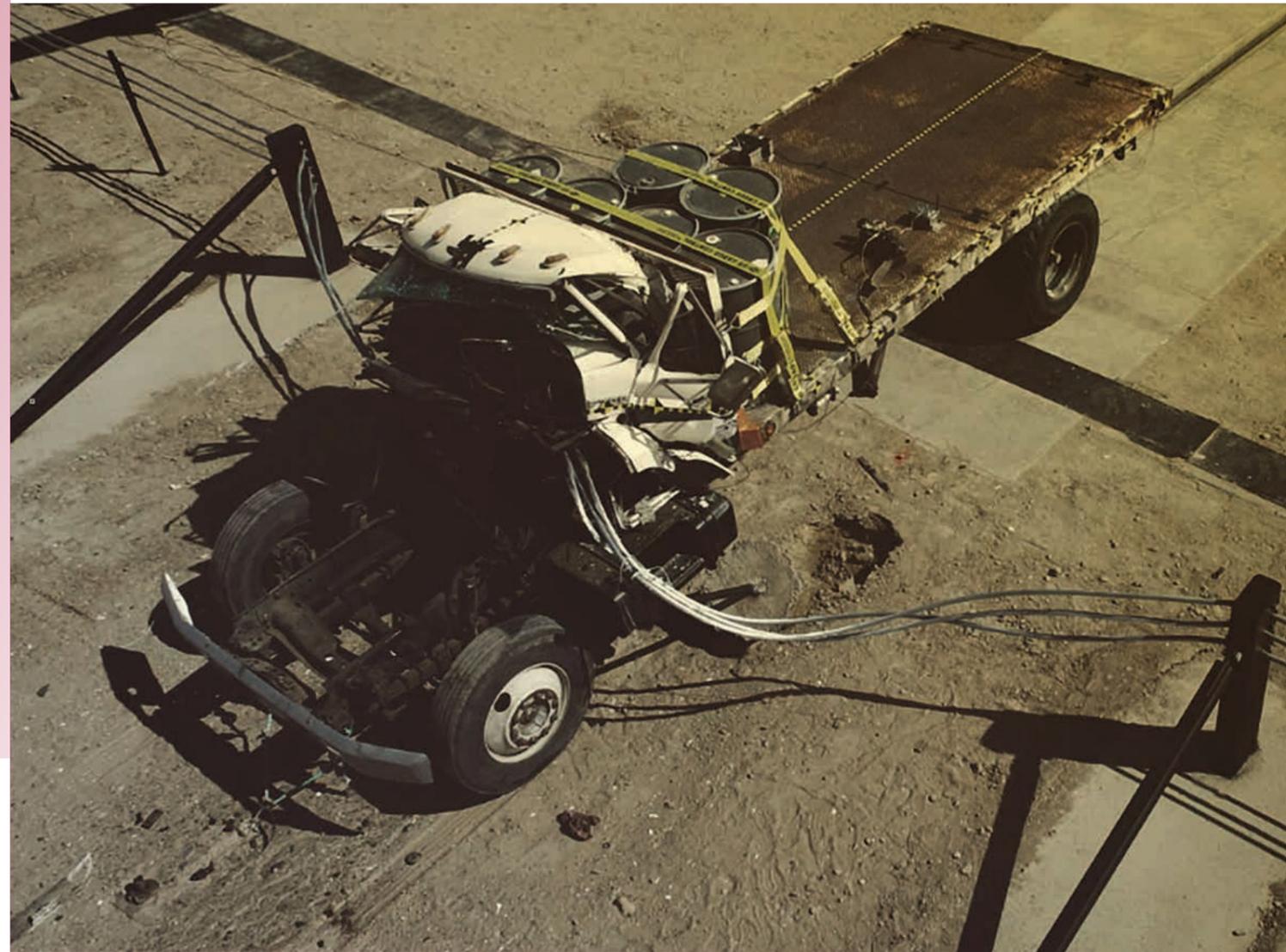
- Palifor Meets The Specification Now Demanded By Many Data Centre Providers; A Strong Visual Deterrent, Anti Climb Properties And 3rd Party Certified Perimeter Systems, Typically: LPS 1175 Certification
- Its Robust Design, Spiked Tops, Minimal Foot Holes And Cutting-resistant Solid Steel Vertical Pales Ensure Palifor Offers Excellent Protection Against Unauthorised Access, Vandalism And Attack
- It Can Adapt To Terrain Thanks To Its Horizontal Rail And Pale System; The Panel Can Adjust Up To 25 Degrees To Follow Ground Slopes And Irregularities

**Delay tested and certified to LPS 1175 B3**



### Palifor Security :

- High-security Anti-climb and Cut Resistant Vertical Steel Pales



## HCIS Class 1 and Class 2

HCIS Class 1 and Class 2

Class 1 and Class 2 is met when the Anti Personnel Fence is installed with an M50/P1 AVB (Anti Vehicle Barrier).

Betafence BLOKAD Crash-rated barrier is ASTM F2656 M50/P1 (K12) & M40/P1 (K8) certified.

The highest rating M50/P1 is certified to stop a vehicle with gross weight of 6,800kg driving at a speed of 80km/h from penetrating a secured area, with a measured penetration beyond the inside perimeter of the barrier not exceeding 1.0 metre.

**THIS CERTIFIED CRASH RATED BARRIER FORMS PART OF OUR HCIS CLASS 1 AND 2 COMPLIANT SYSTEM FOR KSA WHEN INSTALLED WITH SECURIFOR AMAN OR TRIMAX DELAY SYSTEMS**



**B** BETAFENCE

## BLOKAD® Crash-Rated Gate

Certified to ASTM F2656  
Crash Tested Hostile Vehicle Mitigation.



### BENEFITS

- Effective hostile vehicle mitigation: stops a 7,500 kg truck with no penetration past the gate.
- Certified protection: independently tested and certified to PAS68 criteria with classification:(V/7500/80/90:0.0/2.6).
- Control systems: vehicle detector loops, safety photocells, and safety edges combined with audible alarms and flashing beacons reduce the risk of accidental damage.



**B** BETAFENCE

## Bollard System

Certified to ASTM F2656



### BENEFITS

- Hydraulic or Electro mechanical operation
- Static and retractable bollards
- A wide portfolio with various crash ratings



**B** BETAFENCE

## BLOKAD® Crash-Rated Barrier

Certified to ASTM F2656  
This crash-rated barrier is a certified system to withstand the impact of a vehicular attack on sensitive sites, borders and high risk industries. The anti-ram 3 cable barrier system can be seamlessly interated into all types of fencing systems, combining an aesthetically attractive look with immense anti-ram force protection. Pair it with our HCIS compliant Anti-Personnel fences to meet Class 1 and 2 HCIS compliance.



### BENEFITS

- ASTM Certified Cost-effective Stopping Power: The system will stop up to 6800 kg vehicles traveling at 80 Km/h within 1m of the fence line.
- Suitable for all environments: Steel housing with polyester powder-coated finish. Internal mechanical elements are electrogalvanized.



**B** BETAFENCE

## BLOKAD® Crash-Rated Wedge

Certified to ASTM F2656  
Defend entry and exit points against vehicle-borne threats.



### BENEFITS

- Zero Penetration: Certified to stop a 7,500kg truck with zero penetration, the Road Blocker gives you high protection at your most vulnerable locations.
- Low excavation requirements: the shallow foundation of only 800mm avoid interference with existing utility infrastructure.
- Fully functional in almost all conditions: with an inbuilt heater and drainage to prevent freezing, and the option to operate manually without power.

**Securing what matters most is the core of what we do, and we are focused on securing assets and keeping facilities a safe environment for everyone.**

Our Security Experts can help you choose a perimeter security solution that is engineered and certified to delay unauthorised entry – exceeding HCIS compliance requirements.

**IB BETAFENCE**  
a PRÆSIDIAD brand

**Securing What Matters**

