

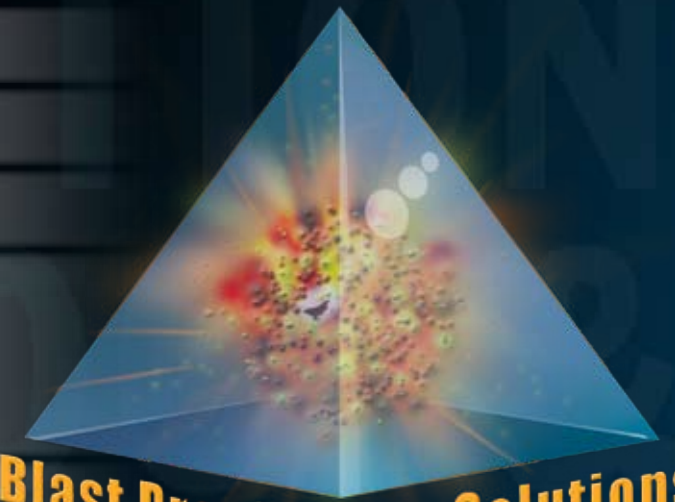
Leaders in - Passive Anti Terrorist Bomb Blast Mitigation Protection

Bomb Blast Protection - Internal & External Building Envelope

Fire Protection - Internal & External Building Envelope

Smart Perimeter Technology - airfields and military bases  
Sentry Protection and listening cameras (gunshot and blast detection), smart fence, proactive armour protection, remote weapons control, force protection

Sentry Surveillance Smart Cameras - day/night vision, video, listening, laser and localiser equipped to very accurate tolerances



**Blast Proof & Fire Solutions** Ltd.

LEADERS IN PASSIVE  
ANTI-TERRORIST PROTECTION



## Mission Statement

The company specialises in the full design of a range of Passive Anti Terrorist Systems, offering High Threat Protection Levels of several atmospheres of pressure against Bomb Blast/Incendiary Events, reducing collateral damage, and thus saving lives with special manufacturing expertise and design in specialist glass, hot and cold steel formed products, stainless steel (grades 316 and 304), and structural architectural proprietary systems, all to harden building envelopes, and where necessary without compromise to client / design aesthetic design objectives.

Additionally, the products can be further enhanced to offer fire resistance, fire stopping and compartmentisation both externally to the Building Envelope, in the form of Curtain Walling (Glazed or Clad), Controlled Portal Blast Entry and Blast Door Systems, with Manual, Automatic, Bi-Parting, Swing and Emergency Break Out facility.

## Portal Entry Systems

Bomb Blast Portals designed by Blast Proof and Fire Solutions Limited address the inherent risks of entry protection to buildings with option of Biometrics/Face Recognition, Passive Blast Protection with Fire Stopping Options.



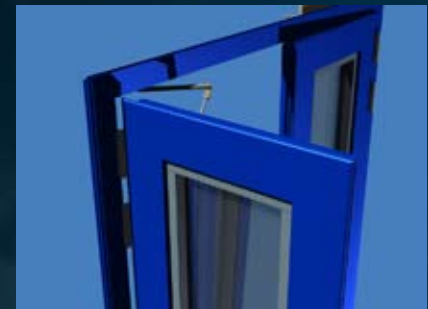
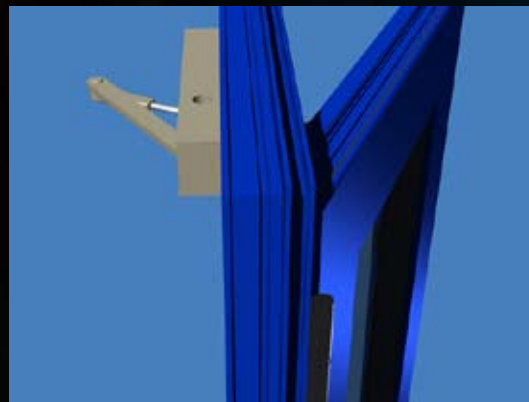
## Emergency Escape

Sequence Selection Gear, allows personnel to escape in an emergency, whilst immediately thereafter the doors re-set themselves in the closed position.



## Manual Blast and Fire Doors

Single and Double doorsets. These have the option of fire resistance. Their effectiveness was demonstrated in the Forster Danube Centre where these doors prevented a fire spreading from the car park to the shopping area, thus saving lives.



# Anti Terrorism and Fire Protection

External Facades Petro/Bio Fuels and Petrochemicals  
Blast Protection

## Museum Security



Working closely with major refining, storage, and now low carbon footprint fuels. Our range of dual (2) threat solutions, can be addressed by the portfolio of blast and integral fire protection, for fuel processors facilities, including plant and accommodation, BP&FS can offer a range of manual, and automatic door systems, which are also thermally insulated, for hazardous environments (arctic conditions), full window systems' with thermally broken glass double or triple glazed units, which offer blast protection, and ensuing fire protection to BS 476 pt 22 1987 (U.K. standards)

We can also offer custom blast and fire (stability/integrity with radiant insulation) to provide electrical safety pods, and human refuge areas.

Our design department will be pleased to discuss with you your passive protection BLAST and FIRE requirements, and can offer custom project specific solutions.

We are just a call away, with strong expertise in design, manufacturing and if required on site installation.



## Sentri Camera

Safety Dynamics specializes in the use of smart sensors for threat recognition and localization. Safety Dynamics is currently installing and supporting a system for law enforcement called SENTRI (Sensor Enabled Neural Threat Recognition and Identification).



The system is a breakthrough technology that recognizes gunshots and explosions and sends range and bearing details to cameras which can then locate the source of the event.

Enabling of acoustic recognition takes place in a three phase process:

1. The targeted sound, such as a gunshot, is recorded and "trained" on the super-computer that isolates the sound signature amidst background noise.
2. The output parameter is uploaded onto the execution platform.
3. The run time parameters are adjusted and managed by the customer to adapt to requirements for distance, discrimination, and false positives.

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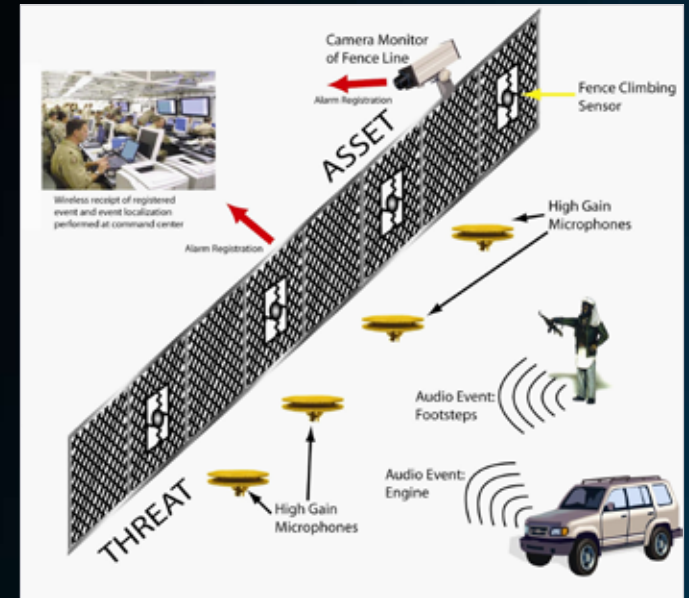
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## Smart Fence

In conjunction with our development partners Safety Dynamics, Inc., BP&FS can provide multi node electronic movement sensor, smart technology to your building to reduce ingress into property from unwanted intruders.

The system is a useful "early warning" to reduce the risk of attack in highly sensitive environments.

Self powered solutions for remote environments.



Highest perimeter security technology is offered with the smart fence system, including sensors, both ground and vertically affixed, and harmonised to the incredible sentri camera system, which offers, listening, laser range finder, video, day/night vision, highest localiser in theatre reporting accuracy, empowering speed of response, and action planned scenarios.

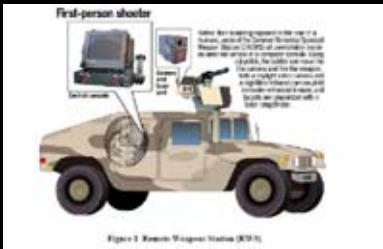
# Remote Weapon Technology

EOS

SAFETY DYNAMICS

## Remote Weapon Stations

Force Protection

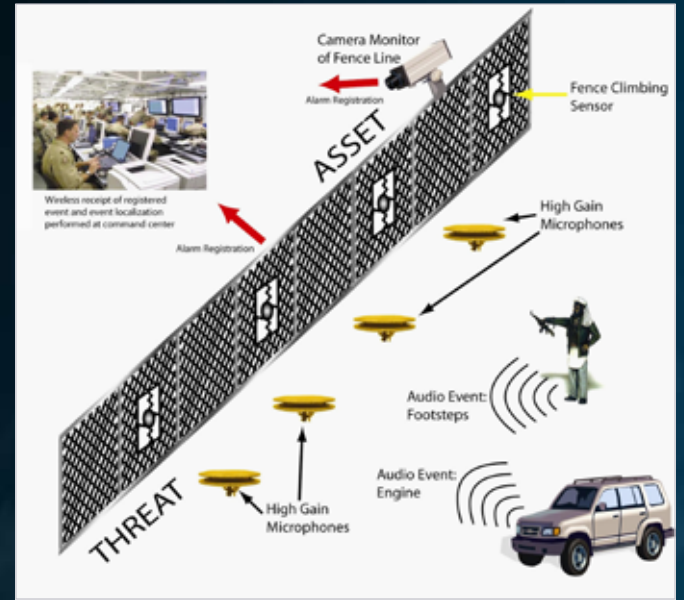


Our Principals Safety Dynamics in conjunction with E.O.S., offer state-of-the-art remote weapons stations, gimbal mounted, for up-armoured land and marine platforms, for pro-active options.

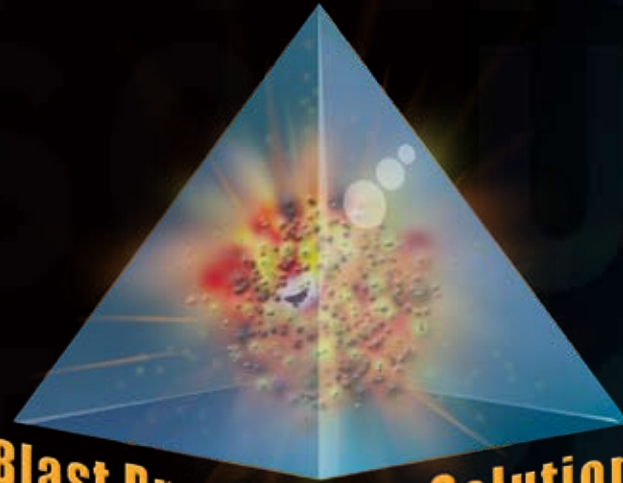


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