ⓡ Blighter®

Dynamic Virtual Perimeters

Creating Radar Boundaries that Adapt to Your Needs

Whether it's because your site is growing or changing, or because the needs of your operation vary on a frequent basis, hard physical perimeters don't always remain in the same place. Blighter's Dynamic Virtual Perimeter functionality enable you to adapt your perimeter protection needs to the changing requirements of your site.

Sustainable Operations

Establishing and maintaining perimeters on sites with evolving needs can be costly and highly disruptive. By using Dynamic Virtual Perimeters, wide area sensors can be installed once and then reconfigured as the perimeters change without needing to do anything other than change some software settings.

Automated Scenarios

Remove the dependence on operators to enforce complex access rules as site conditions change by programming Dynamic Virtual Perimeters to be controlled in software, by time profiles, external triggers or whatever set of rules you need to suit your workflow.

Applications

Airports, CNI sites, Energy, Borders, Large-scale Construction

Target Audience

Consultants, Operations Managers, Security Managers

Key Benefits

DVPs mirror the way real-world sites evolve, with changing needs throughout their lifespan

Simple infrastructural requirements reduce the cost of implementation

Achieve significantly higher return on investment with one set of sensors doing multiple jobs throughout the whole project lifecycle

Reducing Total Cost of Ownership and Eliminating Disruptive Re-work

Large sites with long perimeters don't come and go overnight, and it's inevitable that during the lifespan of any big facility there will be a need to change how perimeters are managed – during construction, expansion, renovation or demolition. Conventional methods of perimeter protection focus on the perimeter structure itself – the fence or the wall – but sometime that structure isn't there yet, or it might move or become compromised.

In some facilities it becomes necessary to create "perimeters within perimeters", where high value or high-risk assets need to be protected against interference or theft. Building new boundaries is costly and time consuming, and adding security technology brings the additional complexity of more infrastructure

Complex operations such as airports often need to be able to alter how different parts of their facility can be used at different times, perhaps moving the airside/landside boundary to accommodate contracting works, or placing conditional security around items that might not always be in the same place i.e. secure stands, high value/high risk assets etc.

Blighter's **Dynamic Virtual Perimeter** feature along with your on-site security management platform enables any size, shape or location of secure area to be drawn on a graphical user interface, and then controlled via rules engines connected to other sensors or conditional logic.

Dedicated long range surveillance cameras can be added or your existing CCTV system can be integrated, leveraging your investment and extending the useful lifespan of equipment.

Examples of Use

Security During Construction

Install one of Blighter's B400 radars in a location that overlooks the entire site, even before the perimeter fence is built, then advance the position of the secure perimeter as building works progresses.

Deploy radar centrally with minimal infrastructure, removing cost and reducing complexity.

Temporary Airport Boundaries

Create moveable boundaries between airside and landside, or between controlled zone and restricted zone at airports, then control the behaviour of those zones using the Security Management System rules engine.

Turn on/off zones based on time profiles or even based on the identity of individual people and vehicles by integrating transponders.

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