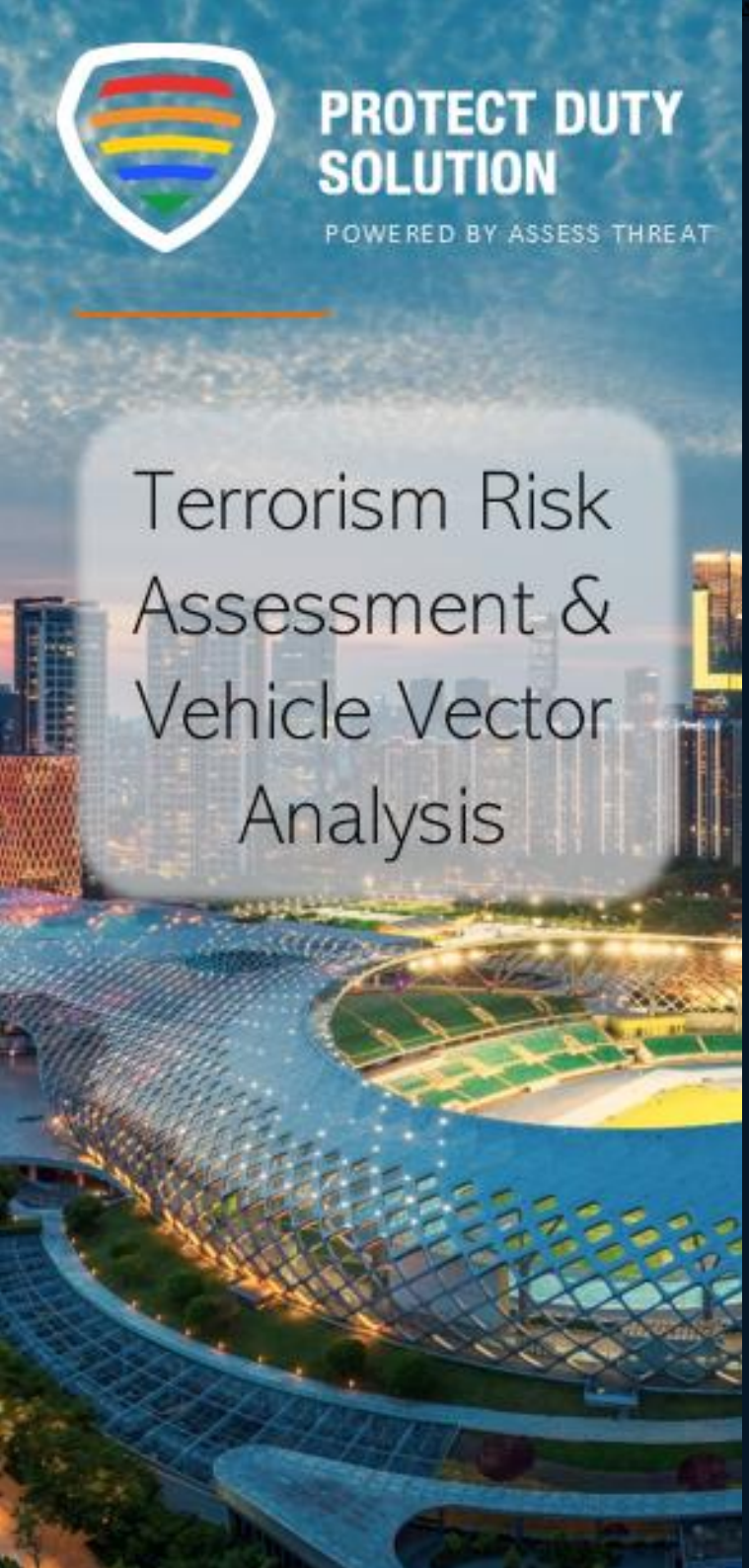


# PROTECT DUTY SOLUTION

POWERED BY ASSESS THREAT

# Terrorism Risk Assessment & Vehicle Vector Analysis

PROTECT DUTY SOLUTION

**Understand the threat.**
**Identify the vulnerability.**
**Strengthen the site.**

**Scan to learn more**

**www.protectdutysolution.com**

Venues | Events | Public Spaces | Transport

Critical Infrastructure | Commercial Estates

Education | Hospitality | Consultants

POWERED BY ASSESS THREAT

## From assessment to targeted mitigation

Protect Duty Solution combines online terrorism risk assessment with physics-based hostile vehicle analysis, giving organisations practical evidence to identify vulnerabilities, review protective measures and inform security and HVM decisions.

### PDR

**Terrorism Risk Assessment**

Document existing security procedures and measures, assess vulnerabilities and identify recommended actions.

### AHVVA

**Vehicle Vector Analysis**

Model vehicle approach paths and impact conditions to support HVM decisions.

**Reports generated in 10 minutes**

# PDR

## Protect Duty Compliance & Audit Report

A UK-focused assessment combining terrorism incident data, current threat context and premises-specific inputs with a structured review of public protection procedures and measures. Outputs include threat and resilience scoring and prioritised actions.

**Aligned to national Guidance**

Informed by ProtectUK and NPSA guidance.

**Data-driven analysis**

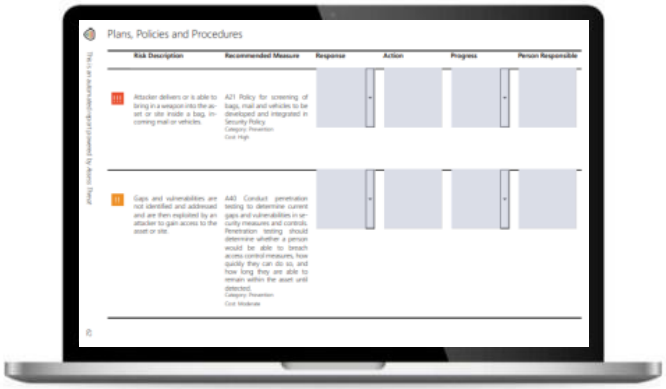
Historical, current and geospatial threat data.

**Seven resilience capabilities**

From planning & deterrence to response & recovery.

**Prioritised, auditable outputs**

Documented and source confidence.




# Evidence you can review & act on

Both PDR and AHVVA are designed to turn site-specific inputs into structured outputs that can be reviewed, compared and revisited as conditions change.

### 1. Traceable Inputs

Documented data sources, site information and assessment parameters.

### 2. Consistent Analysis

Repeatable scoring, calculation and comparison methods reduce reliance on subjective judgement.

### 3. Clear Outputs

Results show the basis for identified priorities, proposed measures and mitigation decisions.

### 4. Built for Review

Assessments can be revisited when threats or conditions change with a simple press of the 'Edit' button.

# AHVVA

## Automated Hostile Vehicle Vector Analysis

Physics-based analysis to model vehicle approach paths, achievable speed and impact conditions across vehicle, path and target-point combinations.

**HVM guidance & standards**

Aligned to PAS 68 standards.

**Path-by-path dynamics**

Uses physics to determine how vehicle conditions develop along each path.

**Multiple vehicle types**

Analyse six vehicle types ranging from a car to heavy rigid trucks.

**Barrier & mitigation comparison**

Compares modelled impact conditions with relevant barriers

