



Security, Communications, Command, and Response
An affiliate of Sentry Technology Group, Inc.

4D's ARMOR® A Technical Overview



A White Paper by 4D Security Solutions, Inc.

Protecting critical infrastructure (such as, military bases, airports, seaports, and other critical facilities) from a variety of criminal and terrorist activities without imposing operational constraints or additional staffing is a huge challenge. The traditional approach of installing barriers, fences, gates, guards, and cameras to protect these facilities, while necessary, does not provide adequate defence. Frequently this approach also constrains operations and requires an increase in staffing for control and operation.

Fortunately, significant advances in technology are improving the capability to detect targets while reducing staffing requirements. Firstly, the synthesis of data from overlapping, multi-layered sensors provides these advantages:

- Significantly increases the Probability of Detection while lowering the False Alarm and Nuisance Alarm Rates
- Creates tracking continuity
- Displays real and relevant target information.

Secondly, this combined information, presented in a Geographical Information System (GIS) display format, provides a compelling Situational Awareness Picture (SAP), that highly automates the command, control and operational functions to improve security while reducing staffing requirements.

This white paper describes the 4D ARMOR® Solution.