

3D ANALYTIX

STRENGTHENING AND OPTIMIZING SITE PROTECTION THROUGH 3D SIMULATION

Stakes: intrusion, terrorism, sabotage, theft, spying, shootings (by pedestrians, vehicles, drones).



USED BY THE FRENCH MINISTRY OF DEFENSE AND LARGE COMPANIES

"With Ardanti Defense, we have found and used what we have been looking for, for two years: a reliable method and simulation tools to detect the flaws in the physical protection of the Department's sites, and to be able to choose the most appropriate reinforcements at the best cost".

An officer of the French Ministry of the Defense.

DESIGNING PHYSICAL PROTECTION, A CHALLENGE

Protecting a site involves finding the best and most cost-effective approach, combining:

- the 3D physical situation of the site,
- threats analysis,
- detecting/slowing down/confronting intruders.

However, the infinity of possible combinations exceeds human capacities. Moreover, it is necessary to have an independent point of view to choose technology and equipment.

A 2 STEPS SERVICE:

> 1. PROTECTION DIGITAL AUDIT

- Production of a 3D model of the site
- Provision of a protection simulator **3D ANALYTIX**
- Virtual insertion of existing means of protection (sensors, infrastructure and guardians) to then generate intrusion scenarios.

This confrontation between threats and protections helps identify vulnerabilities. Our procedures guarantee the protection of site's sensitive informations.

> 2. ALGORITHMIC OPTIMIZATION OF REINFORCEMENTS

- Our qualified experts work with you to design 3D reinforcement architectures to meet your needs; Using our 10 000+ sensors database.
- Decision support, and monitoring dashboards.



1. Audit and identification of vulnerabilities



2. Evaluation and choice of reinforcement

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Ardanti Défense is an innovative SME that skilfully designs and develops reinforcement solutions for site protection, to the benefit of various clients, from the french MOD to large industrial groups. The company is member of the GICAT, of Cap Digital Competitivity Pole, of the Cercle de l'Arbalète, and have the appropriate security clearances.