ARES

Sports Arena Upgrades Security Protection, Optimizes Costs

CASE STUDY

CASE STUDY SUMMARY

AVERT PS
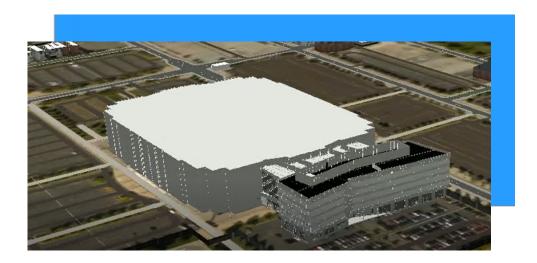## PHYSICAL SECURITY

AVERT Physical Security (AVERT-PS) is unique Security Risk Assessment (SRA) software used to perform a Vulnerability Assessment (VA) of the facility along with providing the capability to visualize, quantify, assess and optimize security posture. This solution's holistic and integrated approach, delivers accurate, measurable, and repeatable assessments of physical security design and operations.

OBJECTIVE

A confidential Entertainment venue wanted to update their Physical Security Perimeter Intrusion Detection System (PIDS) for the highest level of detection capability for the lowest cost. The project requirements were to have a 95+% Probability of Detection (PoD) for perimeter intrusion threats at 2 facilities within a budget of $2M.

SOLUTION

3D Digital Twin model of the entertainment venue was developed and then used by the AVERT-PS modeling and simulation software to establish an initial risk baseline of the Fields of View (FoV) of existing camera assets for perimeter detection. assessment of each facility to establish a baseline. The initially proposed upgrade to the camera assets was evaluated (Option 1) and it was determined that the required PoD would not be achieved.   A second upgrade option (Option 2) was then evaluated and found to meet the required PoD and stay within the available budget.

RESULTS

QUANTIFIED METRICS – Through the use of the AVERT-PS software, quantified metrics on the existing and proposed upgraded camera PoD were established.

VALIDATED DESIGN – The AVERT-PS analyses provided validated proof of the proposed upgrades.

COST SAVINGS – The AVERT-PS assessment resulted a successful project completed well within budget.