



ARES
imgix

CONFIDENTIAL DATA CENTER CLIENT

CASE STUDY

CASE STUDY SUMMARY

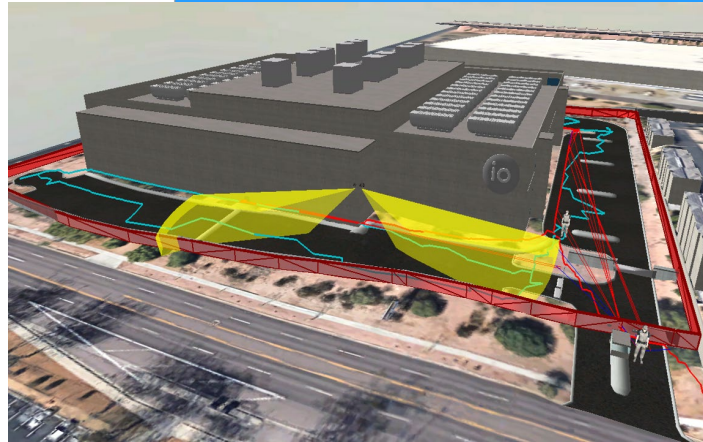
AVERT PS
PHYSICAL SECURITY

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

Perform a Threat, Vulnerability and Risk Assessment (TVRA) to improve the Probability of Detection (PoD) at the best possible price for a confidential Data Center client.

SOLUTION



3D Digital Twin model of the Data Center was developed and then used by the AVERT-PS modeling and simulation software to establish an initial risk assessment of the corporate headquarters. The cost benefit analysis revealed that security effectiveness could be increased even with a decrease in security spending. A planned \$2M technology upgrade did not increase security effectiveness against threats. In addition, ARES identified many guard posts that did not increase security effectiveness and could be easily replaced with low-cost technology.

RESULTS



OPTIMIZED PoD - An optimized design to the security posture was established which included modifying several camera locations and replacing some dated cameras with updated cameras that include automated detection capabilities.



COST SAVINGS – Saved \$2M on planned CAPEX after conducting the cost-benefit analysis to assess the decision.

