

An aerial photograph of the New York City skyline, showing numerous skyscrapers and buildings. A large blue rectangular box is overlaid on the center of the image, containing white text. In the foreground, a body of water is visible with a small boat moving across it, leaving a white wake.

CONFIDENTIAL CORPORATE CLIENT

CASE STUDY

CASE STUDY SUMMARY

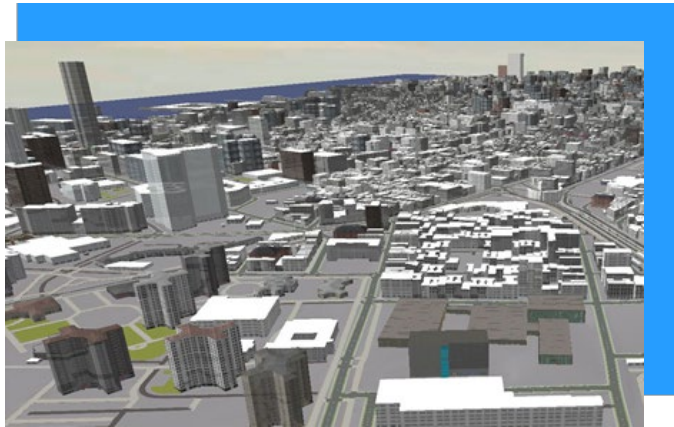


AVERT Physical Security (AVERT-PS) is unique Security Risk Assessment (SRA) software used to perform a Vulnerability Assessment (VA) of the facility along with providing the capability to visualize, quantify, assess and optimize security posture. This solution's holistic and integrated approach, delivers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

OBJECTIVE

A confidential large Corporate client requested ARES to perform a Threat, Vulnerability and Risk Assessment (TVRA) for the client's corporate Headquarters campus (>2 Million ft² campus) with the focus on how to mitigate against active shooter threats.

SOLUTION



3D Digital Twin model the corporate campus 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 shot detection technology system upgrade did not increase security effectiveness against threats. In addition, AVERT-PS identified many guard posts that do not increase security effectiveness and can be easily replaced with low-cost technology.

RESULTS



OPTIMIZED SECURITY- An optimized security plan was established, significantly increasing security effectiveness. Final report included baseline analysis and several detailed recommendations for optimization and implementation.



COST SAVINGS – Saved \$2m CAPEX and \$1.5M OPEX.



ROI PAYBACK – Immediate ROI payback.