

ENERGY SAVINGS-AS-A-SERVICE

Turning Infrastructure Around for Schools & Communities

Smart Air Defense, in partnership with private capital funders, delivers a seamless off-balance-sheet solution to modernize aging infrastructure. Our service model funds, installs, and maintains critical assets without debt, bonds, or capital expenditure—transforming essential infrastructure into reliable, sustainable utilities.



Key Benefits:

- 100% funded – no upfront capital, no debt, no impact on balance sheet
- Simple service agreement (not a bond or loan)
- Leverage our regional partners—engineers, architects, and project developers—manage design, installation, and maintenance. *
- Installation and maintenance are awarded to local contractors
- Usage-based billing, like a utility service
- Option to assume ownership of assets
- Upgrades infrastructure for long-term sustainability

** Or we can work with your architect and/or engineering firm*

Example Infrastructure Upgrades:

- Indoor Air Quality (IAQ)
- HVAC, RTU, Chillers, Boilers, LED Optimization
- Clean Water & Wastewater Optimization
- Clean Electric Vehicles with Real-Time Telematics
- Smart Water Metering
- Roofs, Windows, Elevators, Escalators
- Electrical Distribution, Storage & Generation
- Hydrogen fuel cell backup power
- Artificial Turf, Park Lighting, Irrigation Systems



Contact us today:

914-220-8382 | SmartAirDefense.com

Smart Air Defense
445 Hamilton Ave.
11th Floor
White Plains, NY 10601

Massive Cost Savings & Long-Term Impact

We have a vested interest in being rigorous in designing specifications, direct sourcing, and strict maintenance practices, which ensure genuine total cost savings. By converting infrastructure into a monthly service, we reduce costs while enhancing resilience and reliability.



How It Works:

- A feasibility study is conducted that includes an assessment of all the possible infrastructure upgrades we can help with. The cost of this study can be rolled into the entire project with no out-of-pocket cost to the school.
- Once the assessment is conducted, we work closely with our (or your) architects and engineers to come up with the best, most cost-effective solutions
- Once approved, we will come back with fully approved and funded options
- Seamless off-balance-sheet solution
- Monthly payment model, like utilities
- The funder is liable for any additional repairs or maintenance needed – the school is not liable.
- Emergency recovery solutions are available for failures
- Debt relief options by converting existing debt to service agreements
- Local vetted contractors help execute and maintain the project



Who We Serve:

- K-12 Schools & Universities
- Hospitals (Public & Private)
- Airports, Ports, Train & Rail Stations
- Arenas & Stadiums
- Convention Centers & Judicial Buildings
- Municipalities, Counties, State & Federal Agencies
- Large Multi-Family Complexes & HOAs
- Utilities, Water & Wastewater Treatment Facilities



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