

AIREZ GRID360™

The Physical Intelligence Layer for the grid environment.

One intelligence across the perimeter, the airspace, the weather, the equipment, and the grid itself.



WHAT GRID360 SEES



UNAUTHORIZED ENTRY

PULSE detects perimeter disturbance.
Access control shows no authorized entry.
HAWK identifies a person near transformer equipment.
POSSIBLE UNAUTHORIZED SUBSTATION ENTRY — HUMAN REVIEW RECOMMENDED.



EQUIPMENT EVENT

ATLAS registers a lightning strike nearby.
Voltage anomaly on telemetry.
Transformer temperature rising on thermal.
POTENTIAL LIGHTNING-RELATED EQUIPMENT EVENT — CREW DISPATCH RECOMMENDED.



AIRSPACE RECON

HAWK detects and classifies an unauthorized drone loitering over the yard — reconnaissance behavior, not a delivery path.
UNAUTHORIZED UAS ACTIVITY — TRACK ACTIVE, HUMAN REVIEW RECOMMENDED.



WILDLIFE INTRUSION

Vision and thermal detect an animal near energized equipment — the contact class behind catastrophic arc events that can destroy a \$1M–\$2M transformer.
ANIMAL INTRUSION DETECTED — DETERRENCE ACTIVATED, CREW NOTIFIED.

A substation produces thousands of disconnected signals every second. GRID360 unifies them into one contextual conclusion with a recommended action — so operators see what is actually happening, not five unrelated alarms.

Sense. Correlate. Understand. Recommend. Escalate.

BEYOND SECURITY. INTO OPERATIONS.

The same layer that detects an intruder also detects a failing transformer, an incoming lightning storm, a reconnaissance drone, and the animal about to cause an arc flash — deployed over the infrastructure you already own.

THE GRID360 ECOSYSTEM



PULSE™
Perimeter & ground disturbance



HAWK™
Perimeter & airspace, drone detection



ATLAS™
Lightning, wind & weather



THERMAL + RGB
Heat anomalies & visual verification



ACOUSTIC + VIBRATION
Equipment anomaly signatures



ELECTRICAL
Voltage, current & power



BEACON™
Local warning & deterrence



SCOUT™
Ground robotic investigation



GUARD™
Aerial investigation

Sense → Correlate → Understand → Recommend → Notify Human Teams

Autonomy is bounded and policy-governed. Every high-consequence conclusion ends with a person in authority.