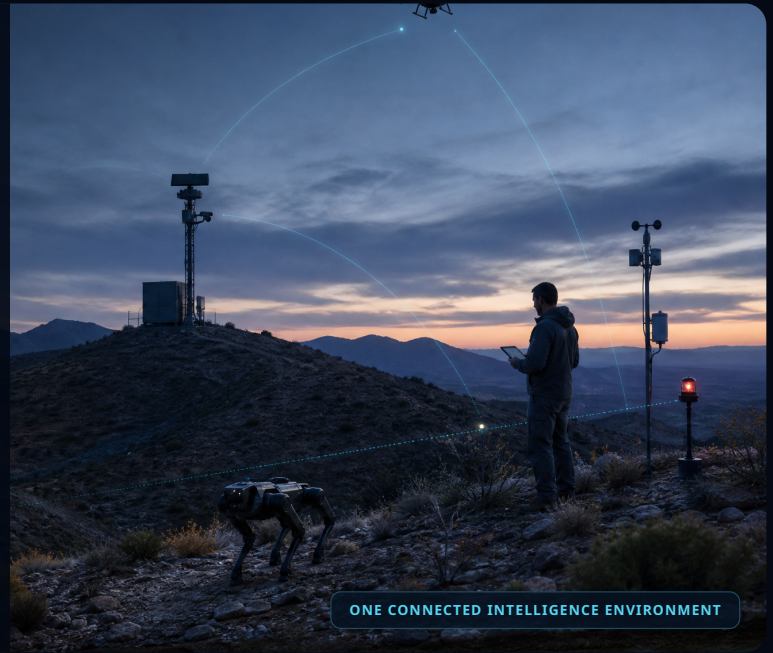


AIREZ BORDER360™

SEE THE BORDER AS ONE ENVIRONMENT.

AIREZ BORDER360™ brings multiple sensing technologies, mobile intelligence systems, environmental awareness, and human operators together through the AIREZ Physical Intelligence Layer™.

ABOVE GROUND. BELOW GROUND.
IN THE AIR. ACROSS THE ENVIRONMENT.



ONE CONNECTED INTELLIGENCE ENVIRONMENT

SIGNALS BECOME CONTEXT
AIREZ is designed to help understand what those signals mean together.

A camera sees movement. • Fiber senses vibration. • Radar detects an airborne object. • A weather station measures changing conditions. • SCOUT™ can investigate terrain. • GUARD™ can provide an elevated view.

PULSE™ FEEL WHAT CAMERAS CAN'T SEE
Fiber-optic vibration and activity awareness along protected corridors, including patterns that may warrant investigation for subterranean activity.

HAWK™ WATCH THE SKY
Radar and visual sensing for low-altitude airspace awareness and potential drone activity, depending on configuration and validated capabilities.

SCOUT™ CHECK IT OUT
Quadruped mobile Physical Intelligence for investigating selected terrain and potentially hazardous locations.

GUARD™ PROTECT ME
Aerial Physical Intelligence providing an elevated perspective around authorized field operations.

ATLAS™ UNDERSTAND THE ENVIRONMENT
Weather and environmental intelligence providing context around operations and events.

SENTRY™ GO WITH ME
Extends Physical Intelligence to authorized personnel operating in the field.

BEACON™ WARN ME
Configurable local visual and audible communication where physical notification is appropriate.

INTEGRATED BY DESIGN
Sensing and response nodes feed one Physical Intelligence environment.

ONE EVENT. MULTIPLE SIGNALS.

ONE PHYSICAL INTELLIGENCE LAYER.

SENSE → FUSE → UNDERSTAND → COMMUNICATE → RESPOND

FROM DETECTION TO CONTEXT.

THE BORDER DOESN'T PRODUCE ONE KIND OF SIGNAL.
Multiple sensing modalities can provide greater context when reviewed together.

01

SUBSURFACE AWARENESS

PULSE™ unusual vibration pattern + terrain/environmental context + available visual sensing + location context

AIREZ PHYSICAL INTELLIGENCE LAYER →

UNUSUAL SUBSURFACE ACTIVITY
REVIEW RECOMMENDED

02

AIRSPACE AWARENESS

Radar detection + visual context + location/direction + operational context

AIREZ PHYSICAL INTELLIGENCE LAYER →

POTENTIAL AIRSPACE EVENT
REVIEW RECOMMENDED

03 / FIELD AWARENESS

AN AGENT SHOULDN'T HAVE TO SEE THE ENTIRE ENVIRONMENT ALONE.

GUARD™ + HAWK™ + ATLAS™ + SENTRY™ + FIXED SENSORS → ONE OPERATIONAL PICTURE

AIREZ DOESN'T REPLACE THE AGENT. AIREZ helps the agent understand more of the environment around them.



FOUR-LAYER OPERATING VIEW

ABOVE. BELOW. AIRBORNE. ENVIRONMENTAL.

ALL LAYERS CONVERGE INTO ONE INTELLIGENCE

AIRSPACE

HAWK™ • GUARD™ • supported radar • visual sensing

SURFACE

Cameras • SCOUT™ • SENTRY™ • thermal • motion • supported sensing

SUBSURFACE / PERIMETER

PULSE™ • vibration • supported perimeter sensing

ENVIRONMENT

ATLAS™ • weather • environmental sensing



AIREZ™

THE PHYSICAL INTELLIGENCE LAYER™

Context, confidence, provenance and human-led response.

CONNECT WHAT'S ALREADY THERE.

DON'T REPLACE THE BORDER'S INTELLIGENCE INFRASTRUCTURE.
MAKE MORE OF IT WORK TOGETHER.

EXISTING INFRASTRUCTURE + AIREZ PHYSICAL INTELLIGENCE PRODUCTS + SUPPORTED PARTNER TECHNOLOGIES + COMMUNICATIONS INFRASTRUCTURE + HUMAN OPERATORS

A MORE CONNECTED UNDERSTANDING OF THE PHYSICAL BORDER