



AIREZ ROVER™

AIREZ ROVER™

THE JOBSITE MOVES. YOUR INTELLIGENCE SHOULD MOVE WITH IT.

Rapid Operational Visibility & Environmental Response



REGIONAL OPERATIONS MANAGER:
"What's happening at Site 14 right now?"



ROVER:
"27 people observed across configured zones. 3 active vehicle zones. Delivery activity underway. Weather conditions normal. No active priority events."



EQUIPMENT



WORKER
— PPE



WEATHER
— WIND



TRUCK
— SPEED



**PEDESTRIAN /
VEHICLE ZONE**



PERIMETER

ROVER is a solar- and battery-powered Physical Intelligence station built on a rugged mobile cart. AIREZ turns the hardware platform into a temporary intelligent site—sensing people, vehicles, weather, and perimeter activity, then turning those signals into context for human teams.

Sense. Understand. Communicate. Respond. Move.



More than a camera trailer.

Most mobile surveillance units record video. ROVER combines Axis vision and radar, ATLAS environmental sensing, BEACON visual/audio communication, edge compute, and cellular connectivity in one deployable system—labeled by function:

VISION | MOTION | ENVIRONMENT | COMMUNICATION
EDGE INTELLIGENCE | CONNECTIVITY | POWER



SAFETY

Help identify configured safety conditions such as PPE observations, distracted activity, vehicle/pedestrian interaction, and restricted-zone entry, subject to analytics validation.



DRIVER & VEHICLE INTELLIGENCE

Depending on cameras, radar, and validated analytics, identify speed events, wrong-way movement, restricted-area entry, proximity, unusual stopping, and after-hours vehicle activity.



ENVIRONMENT

Monitor wind, temperature, humidity, barometric pressure, rainfall, lightning, air quality, and particulates depending on configuration.



SECURITY

Detect after-hours presence, unexpected movement near equipment and materials, and perimeter activity; escalate to AIREZ GSOC or customer security teams.



OPERATIONS

Understand crew arrival/departure, delivery activity, vehicle flow, site occupancy, equipment zones, and work-zone activity.



BEACON COMMUNICATION

Mounted high on the mast, BEACON gives Physical Intelligence a voice: amber visual/audio warnings for caution, red for restricted-area alerts, subject to configured response policy.



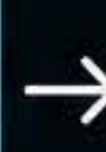
Observe



Understand



Communicate



Maintain Awareness



Notify Human Teams

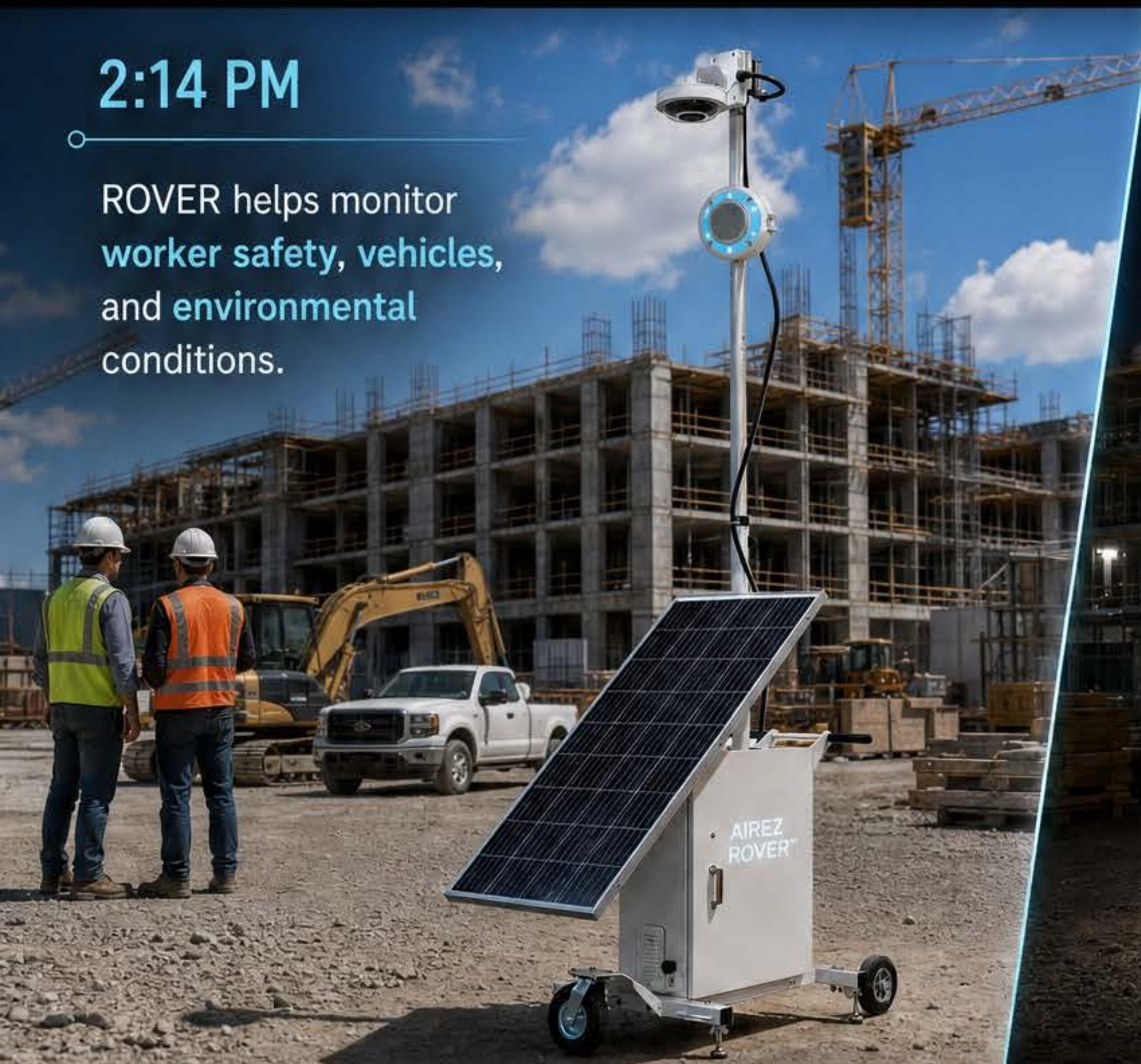


ROVER provides safety intelligence for human review. It does not replace safety professionals, and high-consequence actions remain human-led or policy-bounded.

ONE SITE. DAY AND NIGHT.

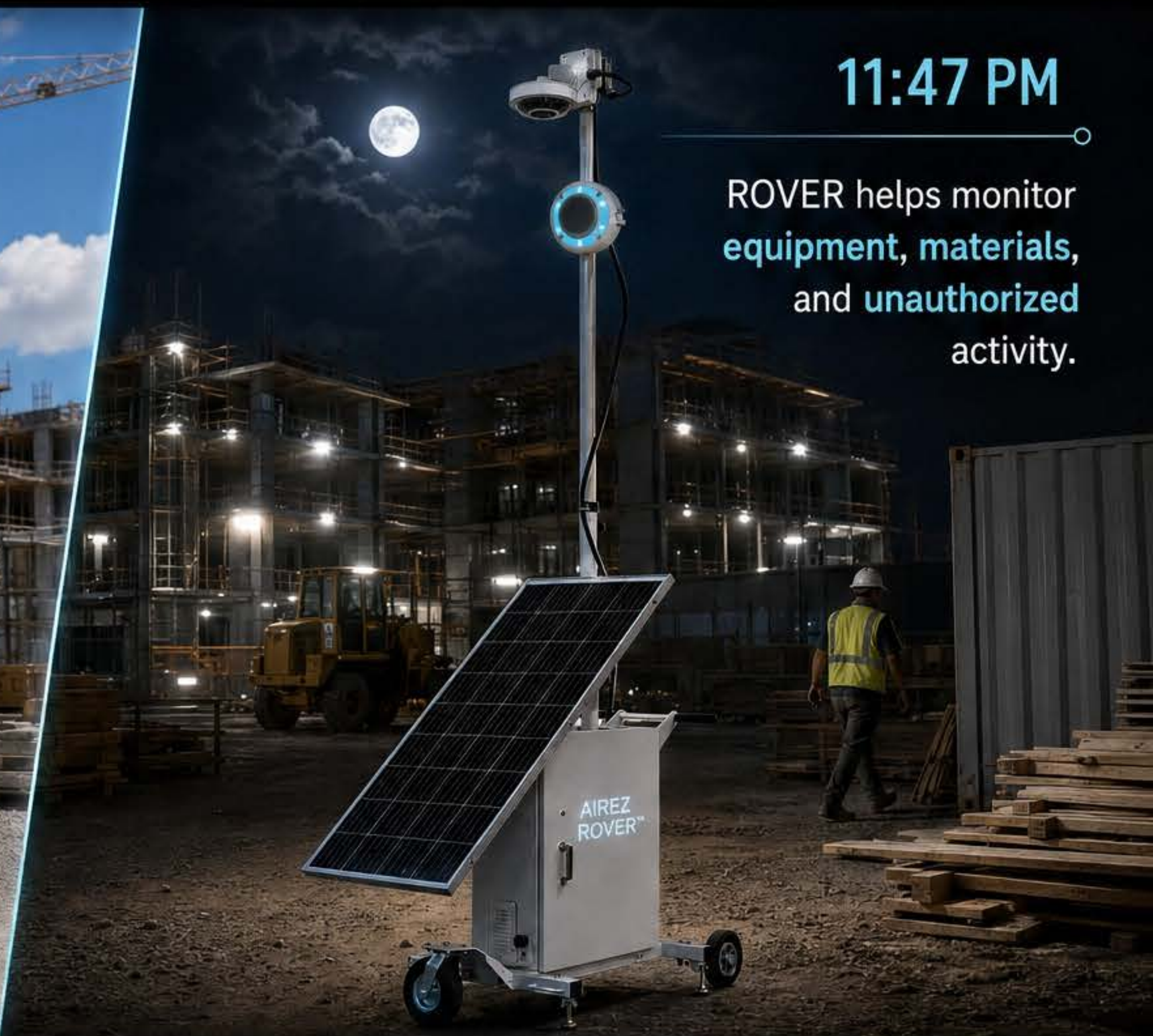
2:14 PM

ROVER helps monitor
worker safety, vehicles,
and environmental
conditions.



11:47 PM

ROVER helps monitor
equipment, materials,
and unauthorized
activity.



ONE MOBILE PLATFORM. FOUR MISSIONS.



SAFETY

Help identify configured
safety conditions.



OPERATIONS

Understand
site activity.



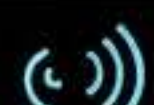
SECURITY

Monitor the site
when crews leave.



ENVIRONMENT

Understand weather and
environmental conditions
affecting the work.



RADAR — Vehicle speed exceeds
configured site threshold.



CAMERA — Vehicle identified/tracked
through monitored zone.



WORK-ZONE CONTEXT — Personnel
present nearby.



**AIREZ ROVER —
HIGH-RISK VEHICLE EVENT —
REVIEW RECOMMENDED**



ATLAS — Wind speed increasing.



WEATHER — Lightning detected
within configured area.



CAMERA — Personnel/equipment
operating in exposed work zone.



**CHANGING WEATHER RISK —
Site safety review recommended.**

R.O.V.E.R.

Rapid Operational Visibility & Environmental Response