



Site Intelligence for Energy Operations

Oil & gas, renewables, and critical infrastructure — visibility where the grid ends

Hafen delivers AI-powered surveillance and remote site management built for the places energy work actually happens: no grid power, no communications infrastructure, no one nearby. Solar-powered and fully self-contained, with multi-carrier 5G and Starlink-ready backhaul, a Hafen unit operates indefinitely, anywhere — and its NDAA-compliant hardware clears the procurement bar most incumbent camera systems cannot.

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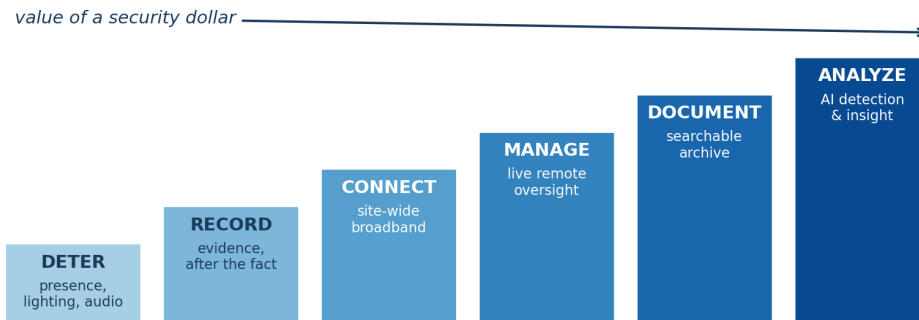
lost to U.S. copper theft every year — and remote energy assets, hours from the nearest response, are the easiest target there is.

THE REALITY YOU MANAGE		THE HAFEN ANSWER
Copper theft loves remote assets. Roughly \$1B a year in U.S. copper theft — and response is hours away, when anyone notices at all.	→	Deterrence at the fence line, in the moment. AI detection triggers floodlights, audio challenge, and instant alerts — while evidence records from every angle.
Incidents become paperwork and truck rolls. HSE reviews, contractor disputes, and asset checks each mean hours of drive time for minutes of looking.	→	Sixty days of truth, on demand. Instantly scrubbable video for incident review and claims — plus live visibility from your desk.
Guard posts in remote country don't scale. Up to \$500K a year buys one set of eyes at one gate.	→	Every angle, every site — plus WiFi for your crews. A fraction of the cost, watching everything at once, on a private encrypted network.

The HafenNet™ Platform

Built for remote assets — self-powered, self-connected, NDAA-compliant

The Capability Ladder: What a Site-Security Dollar Can Buy in 2026



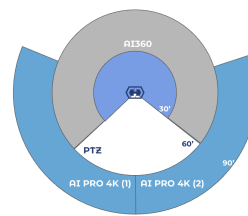
Not one camera. One network. Most remote-site cameras stop at “deter.” HafenNet runs the whole ladder on every unit, and meshes unlimited HafenPoint™ units into one network per site — each covering ~½ acre, on camera-monitored sites already shown to cut crime 51% (40-yr meta-analysis).

Everything included. One subscription.

- ✓ 4K AI cameras: 360° coverage, night vision, PTZ control
- ✓ AI detection of people, vehicles, plates & sounds
- ✓ Real-time alerts (text/email) with scheduling
- ✓ 60-day scrubbable archive + secure cloud export
- ✓ Two-way audio with motion-activated deterrence
- ✓ NDAA-compliant camera & network hardware
- ✓ Multi-carrier 5G + Starlink-ready backhaul
- ✓ Self-powered, fault-tolerant 24/7 operation — no fuel logistics
- ✓ Private encrypted site WiFi for field crews
- ✓ Turnkey: install, service & support — one subscription



A closer look: dual 4K PTZ cameras, floodlight, and antenna array — 25 ft up.



AI360° detection with dual 4K PTZ — engagement out to 90 ft, one unit covering ~½ acre.

1 SITE SURVEY

Send the site plan — coverage design and quote within days

2 48-HOUR DEPLOY

Shipped in, mast up, live — no trenching, no wiring, no disruption

3 MANAGE ANYWHERE

Web and mobile access for your whole team from day one

Built where the industry is headed — aligned with nine of the ten 2026 SIA Security Megatrends.

From the Permian to a solar field with no address: deployed in ~48 hours, operating indefinitely, visible from your desk. Long-duration and multi-site programs welcome.