



SOLUTION BRIEF · 2026 · GATED & REMOTE INFRASTRUCTURE

Coverage where there is power and a fence — not a building

Utilities, pump sites, telecom huts, and compounds. Video-verified response. No fiber assumed.



The problem

These sites have power and a fence. They rarely have fiber to the gate house, staff on site, or patience for another copper theft. A camera on the building wall does not see the approach or the far corner of the pad.

Nuisance alarms get ignored. Video-verified events get treated as real. The design has to survive weather, limited maintenance access, and whoever holds the keys.

Typical sites

Water and pump stations

Substations and utility yards

Telecom and hut compounds

Gated industrial pads

Remote lots with power only

What we design for

Head-end without a building

Cellular and/or satellite into an outdoor enclosure — then the same hop language as a shop wall if more than one drop is needed.

Approaches and fence lines

Cameras where someone actually arrives. Analytics that cut noise on an unmanned site.

Gate call box

Intercom and lock interface at the gate, networked over the hop when the building is far — light scope, not a campus badge system.

What we do not do

No utility construction, no high-voltage work. Network, cameras, and access design only.

Start with a conversation





SOLUTION BRIEF · 2026 · GATED & REMOTE INFRASTRUCTURE

How the job runs

01 Conversation What has to work on day one.	02 Design Drawings and an orderable part list.	03 Review Walk the package before anyone buys.	04 Buy & install Your distributors. Your trades.	05 Finish line Full Support stays through commissioning.
--	--	--	--	--

Why it pays back

Theft deterrence

Video-verified coverage has dropped break-ins sharply on unmanned utility sites — copper and equipment stay on the pad.

Priority response

Verified alarms get treated as events. Motion-only trips do not.

Coverage that did not exist

The value is often the path itself — cameras where infrastructure never reached.

What you leave with

- Head-end and hop design
- Camera and gate schedule
- Enclosure, power, and grounding notes
- Orderable part list

Buy the list. Install your way.

Order from the distributors you already use. Install with your facilities team, electrician, or preferred integrator. Full Support keeps us in the loop until the system works as designed.

Engagement fees are quoted after scope. See How We Work (orbitsecuritygroup.org/consulting/how-we-work) for 2026 design bands. Hardware cost is separate.

