

Professional Visual Security

Mobile Surveillance Trailers



CHeKT

Professional Visual Security

A Dallas home builder integrates visual verification to help eliminate equipment and material theft on construction sites.



CKB-312
Video Bridge

INTRODUCTION

A Dealer integrator (Solar Surveillance) located in Dallas, Texas, was asked by a national home builder to solve the problem of overnight thefts of construction material and equipment.

These job sites are often targeted by thieves because they lack any kind of fencing/barriers and have high value construction materials laying around. Since there is no power or internet, these sites historically have no intrusion system or cameras.

JOB SITE

The home builder partnered with Solar Surveillance to deploy mobile, solar-powered security trailers equipped with four cameras, an outdoor IP speaker, and the CHeKT Video Bridge.

These trailers were strategically placed at problem areas and construction sites, where Optex motion sensors created detection zones to trigger alarms and video events. Upon detection, the CHeKT Video Bridge sent real-time alerts to Solar Surveillance's 24-hour monitoring station, providing operators with live video access within five seconds.

Operators could then issue an audio warning, activate lights to deter crime, dismiss false alarms from employees or animals, or dispatch police with priority response. During incidents, they engaged the construction manager through CHeKT VerifySMS Video, ensuring informed decision-making and enhanced site security.

SOLUTION

Assessing the situation, Solar Surveillance quickly determined that a mobile surveillance trailer with solar power and internet provided a rapid deployment solution. By pairing an IP camera system and traditional sensors with the CHeKT Video Bridge, they delivered the ideal security solution for the customer while also expanding their service offerings.

Equipment Used

Mobile Solar Surveillance Trailer
1 Netgear Nighthawk M1 Cell Router
1 CKB308 CHeKT Video Bridge
4 IP Cameras

4 OPTEX QXI-ST Motions
8 Channel NVR Recorder
1 Axis C3003-E IP Speaker
1 LED Light

THE PROBLEM

With no power, internet, and constantly changing conditions on construction sites, the home builder required a mobile security solution with its own power source and cellular internet. They needed more than just video recording—they wanted an active crime deterrent and a system capable of responding to real-time threats.

RESULT / CONCLUSION

The visual verification solution now puts "real-time eyes on the construction sites" and has greatly reduced the overnight thefts. This has allowed the home builder to maintain its inventory and stop building interruptions from stolen supplies and equipment.

- 1.) It is quick and easy to set up, saving time and money.
- 2.) The CHeKT Video Bridge is an 'open platform,' compatible with any triggering device, alarm panel, and ONVIF camera, whether IP or high-definition over coax.
- 3.) Finally, if needed, the system can easily be expanded.