

- No Traditional Alarm Panel Needed
- Arm/Disarm Trailer Monitoring
- Live & Event Viewing Of Cameras
- Viewing & Downloading Video Events
- Enabling & Disabling Event Notifications

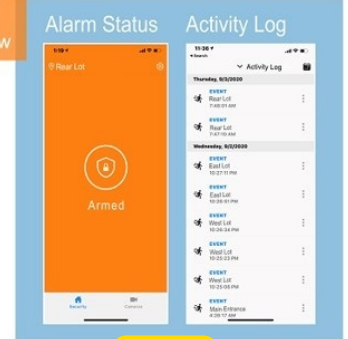


## Case Study — A Dallas home builder integrates visual verification to help eliminate equipment and material theft on construction sites.

### CKB-304



Live View & Event View



*How the installation of mobile surveillance trailers with the OPEX BRIDGE powered by CHEKT allowed the Home Builder to provide monitoring of construction sites and get a priority police response.*

### 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 and Solar Surveillance used mobile solar-powered trailers with 4 cameras, an outdoor IP speaker, and the OPEX Bridge. Solar Surveillance deployed the trailers to active problem areas and construction sites. They created detection areas by using OPEX motion sensors to trigger an alarm and video event, sent via the OPEX Bridge to Solar Surveillance's 24-hour monitoring station. Within 5 seconds of detection, the operator receives the alarm and live video access to the site. From there, the operator can make an informed decision; they can send an audio warning message over the speaker or turn on lights to deter crime. They can disregard a false alarm from employees of animals, or they can dispatch police with priority response. During the response, operators interact with the construction manager using the CHEKT VeriftySMS Video to engage them in the decision-making.

### SOLUTION



Assessing the situation, the dealer (Solar Surveillance) quickly realized that using a mobile surveillance trailer with solar power and internet created a rapid deployment system. Pairing IP camera system & traditional sensors with the OPEX BRIDGE powered by CHEKT was the best solution for this customer and expanded their service offerings.

### Equipment Used

- Mobile Solar Surveillance Trailer
- 1 Netgear Nighthawk M1 Cell Router
- 1 CKB304 OPEX Bridge
- 4 IP Cameras
- 4 OPEX QXI-ST Motions
- 8 Channel NVR Recorder
- 1 Axis C3003-E IP Speaker
- 1 LED Light

### THE PROBLEM

Due to the lack of power, internet, and changing scenery on construction sites, the home builder needed a mobile solution with its own power source and cellular internet. They wanted more than just a video recording solution, but a way to actively deter crime and respond to active threat levels.

### 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.

*Adding the OPEX BRIDGE powered by CHEKT was the best solution for this site.*

- 1.) It can easily be set up, saving everyone time and money.
- 2.) The OPEX BRIDGE is an open platform which means it works with any trigger device, any alarm panel, and any ONVIF protocol, analog, or high-def camera over coax.
- 3.) Finally, if needed the system can easily be expanded.