

APPLICATION BRIEF

Port Facility



GUARD TOWER® PERIMETER SECURITY SYSTEM

About the Facility

A large container terminal in North America, transferring about 1 million containers annually, tested the Guard Tower system. There are several major shipping lines and train lines that serve the port. The port covers approximately 22,000 acres. Comments included are from the Chief of Security at the port. For security reasons, the facility is requesting that it not be named.

Perimeter Security Challenges

- large perimeter to protect; difficult with staffing limitations
- high volume of high value items moving through port; attract thieves
- frequent inclement weather (rain and fog); visibility and identification of intruders can be difficult
- high volume of truck and train traffic and subsequent vibrations; frequent nuisance alarms with motion sensing devices



Large Perimeter and Visibility of Where Alarm is Occurring

The Guard Tower perimeter security system allows users to pinpoint intrusions to within 10-feet.

“When you have an alarm, time is of the essence. The Guard Tower allows you to know exactly where the intrusion is taking place. This is critical when a rapid assessment must be done. Having the capability to put cameras on it, and focus on the actual location with cameras, is a great option. I like that it is adaptable to various software and CCTV use.” –Chief of Security

“We have a lot of inclement weather here and that can be in the adversaries favor, if they think the guards won’t be able to find them in the rain or the fog as easily. With the Guard Tower, we don’t have to be searching a 200-foot long zone, we know exactly where they are.” –Chief of Security

Physical Deterrent

The Guard Tower perimeter security system is available in varying heights as needed for a perimeter. It can be

fixed with outriggers as well as attach to existing fence or other existing barriers if needed.

“It definitely has a deterrent look about it. That in itself can be a deterrent. It looks imposing and that right there is going to prevent someone from taking action against it.” –Chief of Security

Avoiding Nuisance Alarms

The Guard Tower has a very low incidence of nuisance or false alarms. The alarm is caused when wires are cut, spread, or pulled. Weather and situational vibrations do not cause false alarms.

“We have a lot of train traffic in close proximity to the Guard Tower system and the vibrations or weather have not caused any false alarms. The other systems we have used previously would have alarms with wind and heavy rain, the Guard Tower did not.” –Chief of Security

Testing

The port has run many tests on the Guard Tower system and it has passed all their tests.

“We have done attempted penetrations on it, we have done 24-hour day to day operations testing on it, we have assessed alarms from the system, we have had train traffic in close proximity, and the Guard Tower has passed all the tests. The fence fared very well, was very accurate.” –Chief of Security

Recommendation

“The Guard Tower brings an immediate alarm to any kind of intrusion. I would be very comfortable if it were deployed on all of our perimeter. It is very accurate. We have a long perimeter that we can’t support with day to day patrols, so we need other resources to help do that. I would recommend that others test it in their situation to see if it works for them as it has worked for us.” –Chief of Security

