Prisons Protection

Prisons worldwide suffer the costs of **smuggling contraband** from the **perimeter walls** and from the **sky**. We have the **solution.**

SpotterRF Compact Surveillance Radar

- Seamless Integration with prisons & other security systems
- Simple, turn-key solutions
- Monitor *both* perimeter & airspace
- *Easy* to deploy & *cost-effective*

Protection Beyond Fences

SpotterRF

Drones and Perimeter Dangers

"Approaching our perimeter and propelling the package of contraband over the fence into an area inside the prison where the recipient is expecting it to be so they can retrieve it," said Ed Voorhies, Managing Director of Operations, Ohio Department of Rehabilitation and Correction.

The State of California reports there have been 45 "unauthorized drone intrusions" between May 2018 and July 2017, when it started keeping track. Correctional officers at Kern Valley State Prison reported hearing a drone overhead and subsequently found a sack with phones, chargers, SIM cards, headphones, tweezers, hacksaw blades, heroin and methamphetamine. The following day, they found three more bags containing drugs, lighters and rolling papers, among other items.

SpotterRF provides the best solution for detecting and tracking small drones as well as eliminating the potential danger that accompanies them.

Without human interaction, the 3D-500 Radar does the following:

- Grants visual on multiple drones at once, and in any direction.
- Helps security personnel by immediately alerting them of what is normally invisible to them, even when it is still five football fields away.
- Automatically or manually eliminates the threat by either sending the drone back to its home or dropping it down.
- Saves cost by installing less equipment with covering more area 24/7.

SpotterRF Benefits

SpotterRF radar coverage ranges from 125 meters to 1,400 meters, providing visual on intruders and hostiles with such advanced notice as to sufficiently assess the threat before any action occurs:

- Eliminate threats from above that would otherwise drop contraband, or even a payload.
- Has a live map and camera feed, real-time GPS location and other valuable data with the SpotterRF Radar management system called NetworkedIO (NIO).
- SpotterRF is proven to be a reliable solution for prison perimeter security all the while working well with other technologies, making the total solution more effective than ever.
- A continuously increasing number of thermal and optical cameras integrate with radar system.
- Major VMS(s); Milestone, Genetec, Avigilon and other technologies as sonic cannons and flood lights.

Common Challenges

Being responsible for keeping everyone safe, both inside and outside the walls, prisons are threatened by forces coming from outside the fence line. Additionally, some current technologies are not as effective as they once were. The following are only a few of many examples:

Contraband & Drones - these come in a large variety, from love notes to cell phones to weapons. They are being thrown over fences and walls or even dropped in by drones which is the biggest threat all over the world.

Fence line sensors - becoming less and less effective, they are difficult to integrate with various other technologies that are commonly used at prisons and requires fence disturbance to warn danger.

Outside threats - Detection of both ground and aerial threats that come from beyond the fence line are increasing in frequency and severity.

False alarms - nuisance alarms are frequency and distracting and can often lower productivity of the entire security system at the prison.

Contraband
Fence Line Sensors
Outside Threats
False Alarms
Drones

SpotterRF vs Fiber Fence

SpotterRF Radars
1 3D 500/3 SpotterRF Radar/3 PTZ Camera Hardware & Licensing Fee

1st Year Cost: **$161,500**
2nd Year Cost: **$600**

Standard Fiber Fence
Hardware/6 PTZ Camera Hardware & Licensing Fee

1st Year Cost: **$37,000**
2nd Year Cost: **$1,200**

SpotterRF Radar:
All Weather monitoring
Interior & Exterior monitoring
Active Target tracking
Protection from Drones

Fiber Fence:
None

Saving Time, Money, and Resources

SpotterRF is known for protecting critical sites and infrastructure. Our open design allows for seamless integration to all existing VMS platforms and surveillance equipment allowing for prisons to spend less time, money, and resources.

Quick setup time & install

Low maintenance & cost

Configuration on all platforms

Offer turnkey solution

24/7 Weather Surveillance

Classify targets

Prisons Protection
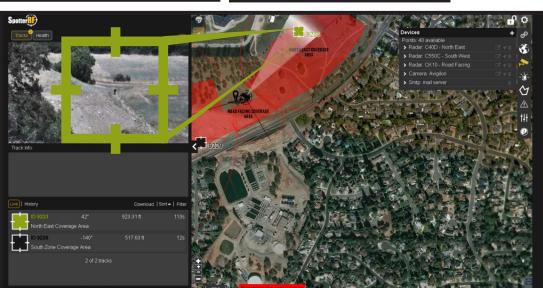
Example SpotterRF Coverage for Prisons

SpotterRF radar coverage vary in layout and custom plan.

Examples:
Left is a ground radar.

Right is a 3D 360° Radar air and ground radar.

Though drone drops in prison yards are increasing, they've caused enough trouble to give law enforcement pause, and facilities all over the world are investing in anti-drone technologies. Drops of drugs and cellphones have sparked prison riots in Ohio, and multiple drones have been sighted by *North Carolina prisons, according to the state Department of Public Safety.*