



 ShotSpotter® | Perimeter

Proven Gunshot Detection to Protect Your Grid

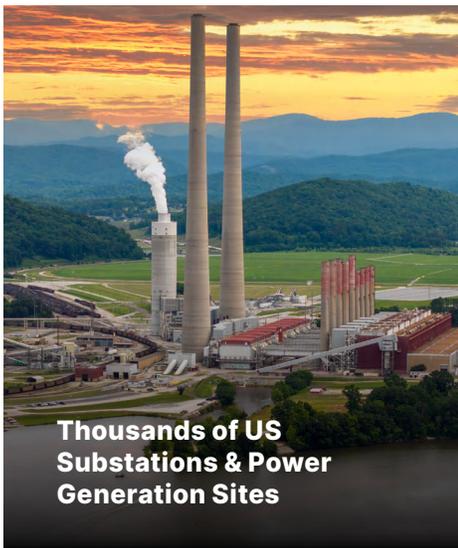
Detect Gunfire Threats | Rapid Damage Assessment | Grid Asset Protection

Improve Grid Resilience with Gunshot Detection

Attacks on critical infrastructure are rising and can cause latent damage that goes undetected until leaks or equipment failure. ShotSpotter for Perimeters closes this visibility gap by detecting incoming gunfire the moment it happens. The system uses acoustic sensors along the perimeter to detect the bullet's shockwave, distinguishing true threats from harmless sounds such as nearby hunters, distant shooting ranges, or routine equipment noise.

Once a threat is detected, ShotSpotter for Perimeters maps the shooter's location and the bullet's likely entry point, enabling your team to quickly inspect damaged areas. This accelerates damage assessment, reduces response time, and helps prevent costly outages and reputational harm—improving overall grid resilience with proven gunshot detection technology.

Physical Security Risks Facing Grid Assets



Thousands of US Substations & Power Generation Sites



Miles of Unmonitored Perimeters



High Financial Exposure from Rare Attacks

Key Operational Advantages

Early Warning Detection

ShotSpotter | Perimeter detects inbound gunfire, using perimeter sensors that capture the bullet's shockwave (N-wave) and the following muzzle blast. The ShotSpotter app then displays a map showing the shooter's location and a directional cone indicating the bullet's likely path and entry point.

Detects gunfire threats to substation and utility equipment in real time, providing location information to help staff quickly assess potential damage

Human-Verified Accuracy

ShotSpotter | Perimeter provides 24/7 human-verified alerts through SoundThinking's Incident Review Center (IRC), ensuring high confidence in every alert. The alerts are sent to the ShotSpotter app within 60 seconds, allowing teams to act quickly and decisively.

High-confidence alerts allow rapid damage assessment

Protection Against High-Impact Attacks

The system helps limit the impact of high-consequence physical attacks by reducing prolonged service disruption. Targeted insight into areas that are likely damaged will shorten recovery time and accelerate restoration planning by prioritizing inspection areas.

Closes security gaps for grid resilience

Trusted Experience at Scale

SoundThinking's ShotSpotter | Perimeter is backed by nearly 30 years of experience in gunshot detection. Trusted by over 200 public safety agencies to enhance community safety, ShotSpotter for Perimeters brings that same reliability to critical infrastructure protection.

Gunshot detection with proven results that is trusted by public safety agencies

Hassle-Free Maintenance

ShotSpotter | Perimeter is designed for low operational overhead and continuous reliability. The sensors use a continuous power supply and include replacement and maintenance at no extra charge.

Additional risk mitigation with sensors that do not require downtime due to battery life

Seamless Integration with Drones, Cameras & SCADA

Optional drone integration is available through a separate vendor to enhance visual verification and rapid response. ShotSpotter for Perimeters can also integrate with many camera systems to provide additional visual context to gunfire alerts. Integration may also be possible with internal management systems, like Supervisory Control and Data Acquisition (SCADA) systems. Integration provides situational awareness and alerting only. ShotSpotter for Perimeters does not control or operate grid equipment.

Extends detection with visual confirmation and internal integrations



How ShotSpotter | Perimeter Helps Protect Your Grid

ShotSpotter | Perimeter uses proven gunshot detection technology to help utilities and substations protect critical equipment from ballistic threats.

- ✔ Detect gunfire threats instantly
- ✔ Accelerate damage assessment
- ✔ Protect critical grid assets



To learn more, scan the QR code or visit: soundthinking.com/shotspotter-perimeter ↗