



ShotSpotter PSC

ShotSpotter Gunshot Location System® (GLS) solutions feature the ShotSpotter PSC, a visually rich user-interface. Designed to fill the needs of a variety of users, the ShotSpotter PSC serves as a gateway to incident alerts and information as well as corresponding analytical reports. It provides intelligence, crime analysis, and predictive analysis relied on by dispatch personnel, responders, investigators, crime analysts, and commanders in cities and counties across the U.S.

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Accurate Incident Information in Seconds

When an alert is triggered, the system relays vital audio and visual incident information to the ShotSpotter PSC within seconds. The PSC marks the incident's precise location by placing a dot onto a scalable map image. It then plots the location of each shot, revealing direction of travel. Event audio is also available for playback. This allows users to determine event activity, including the number of shooters involved and rounds fired.

An Arsenal of Critical, Actionable Information

The PSC helps drive intelligence-lead policing by giving easy access to critical, actionable information and detailed forensic data.

Analytic reports identify hot spots, patterns, and locations of interest, adding a deeper awareness of an area's crime characteristics and long-term crime trends. Data and analytics are used throughout an organization by dispatch personnel, responders, investigators, crime analysts, and commanders to proactively develop and execute effective anti-crime strategies and operations. Another use of the PSC is to mount a dedicated PSC monitor in a highly visible location, making the alert status screen an electronic billboard displaying incident alerts and system status. The PSC also interfaces with Common Operating Picture systems in regional fusion and monitoring centers.

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Whether public safety personnel are in a command center or in-field, workstation and mobile versions of the ShotSpotter PSC ensure detailed event data is available when it is needed.

The workstation version of the PSC allows dispatchers to decisively interpret incident information and provide lifesaving situational awareness to responding officers. Dispatchers will know whether to send a single unit or the SWAT team, allowing better use of resources. Its straightforward interface allows users to interpret, manage, and respond to incidents more quickly. The result is shorter response times, improved officer safety, and better protection for their communities.

ShotSpotter PSC-Mobile

The mobile version of the ShotSpotter PSC puts actionable intelligence directly into the hands of in-field personnel. The PSC-M can be used anywhere, in any vehicle, including helicopters, police cruisers and rapid deployment vehicles. Its streamlined touch-screen interface displays immediate, critical situational information with minimal interaction allowing personnel to receive and review information while en route to a scene.



Both the console and mobile versions of the ShotSpotter PSC feature audio of each incident allowing personnel to listen to and evaluate the event. This provides incident detail to aid prioritization and determine appropriate force response.

The ShotSpotter PSC precisely identifies the location of an event by placing a red dot on a aerial map. Additional information provided includes the nearest street address, time of incident, and whether one or more rounds of gunfire were detected.



The ShotSpotter Mobile PSC provides the same situational awareness to mobile, in-field personnel whether they are responding by helicopter, car, or command van. The touch-screen display is designed for simple, quick access to information while en-route to a scene.



A measuring feature allows users to easily calculate the distance between two points. Multi-segment lines can be used to calculate an exact driving distance.

| | PSC Workstation | PSC Mobile |
|--|---------------------------------|---------------------|
| Scalable aerial image map with detailed layers including parcel map, street names, and GLS coverage areas | ✓ | ✓ |
| Color coded icons marks incident location | ✓ | ✓ |
| Incident List | acknowledged and unacknowledged | unacknowledged only |
| Listen to incident audio | ✓ | ✓ |
| View incident audio | ✓ | |
| Audible alerts for new incident notification | ✓ | ✓ |
| Incident alert status screen provides immediate visual notification of new incidents and system status and is viewable from across a room. | ✓ | |
| Measuring tools can calculate the distance between two map points | ✓ | |
| Enter comments, keywords, and actions taken | ✓ | |
| Acknowledge and re-classify incidents | ✓ | |
| Sort, search, and filter historical events | ✓ | |
| Display activity and analytic reports | ✓ | |
| Place point of interest markers onto the map | ✓ | |
| Map display modes that show the coverage area and sensors | ✓ | |
| Send incident details to ShotSpotter, Inc. for analysis | ✓ | |
| Touch screen controls | | ✓ |
| Night Mode for improved visibility in dark lighting conditions | | ✓ |
| Track current location of PSC-M if interfaced to an optional GPS receiver | | ✓ |

| Minimum PC Requirements | |
|---------------------------|---|
| Processor | Minimum: 400 MHz Pentium processor Recommended: 1 GHz Pentium processor or better |
| Operating System | Microsoft® Windows XP Professional Edition with SP2 with IIS installed |
| RAM | Minimum: 128 MB Recommended: 512 MB or higher |
| Hard Disk | 200 MB for the ShotSpotter PSC software 500 MB is required for the Microsoft® .NET framework 1 GB or more for geographic information system (GIS) data and corresponding map image data. GIS and map image data space requirements vary by the size and number of coverage areas, and the format of the GIS map images. |
| PSC Display | Standard PC monitor with a minimum resolution of 1024x768. A widescreen monitor of at least 28 inches wide is strongly recommended. |
| PSC-M | A notebook PC, typically ruggedized or a mobile data computer (MDC) with touch-screen support, and a minimum screen resolution of 1024x768. |
| PSC-M Data Communications | A wireless IP based data network is required; 256 bps or higher low latency bandwidth is recommended. |
| GPS Receiver | NMEA 0813 V2.2 or higher protocol compliant GPS receiver; receiver must include a driver that supports COM port access. GPS tracking is optional; GPS receivers are not provided by ShotSpotter. |



Corporate Headquarters

1060 Terra Bella Avenue
Mountain View, CA 94043-1881

Tel: +1 650 960 9200

Fax: +1 650 887 2106

Toll Free: +1 888 274 6877

www.shotspotter.com