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PSG2 (Public Safety Generation 2)

PSG2 – The Multimedia Wireless Software Switch for Public Safety

Key Benefits

- PSG2 delivers real time streaming video, voice, text and data where it's needed.
- PSG2 pinpoints locations of officers and vehicles.
- PSG2 needs only Web Browser on the mobile devices to access the system.
- PSG2 uses web technologies for ease of maintenance.
- PSG2 uses off-the-shelf mobile devices (PDA's, etc.).
- PSG2 operates with standard Wi-Fi.

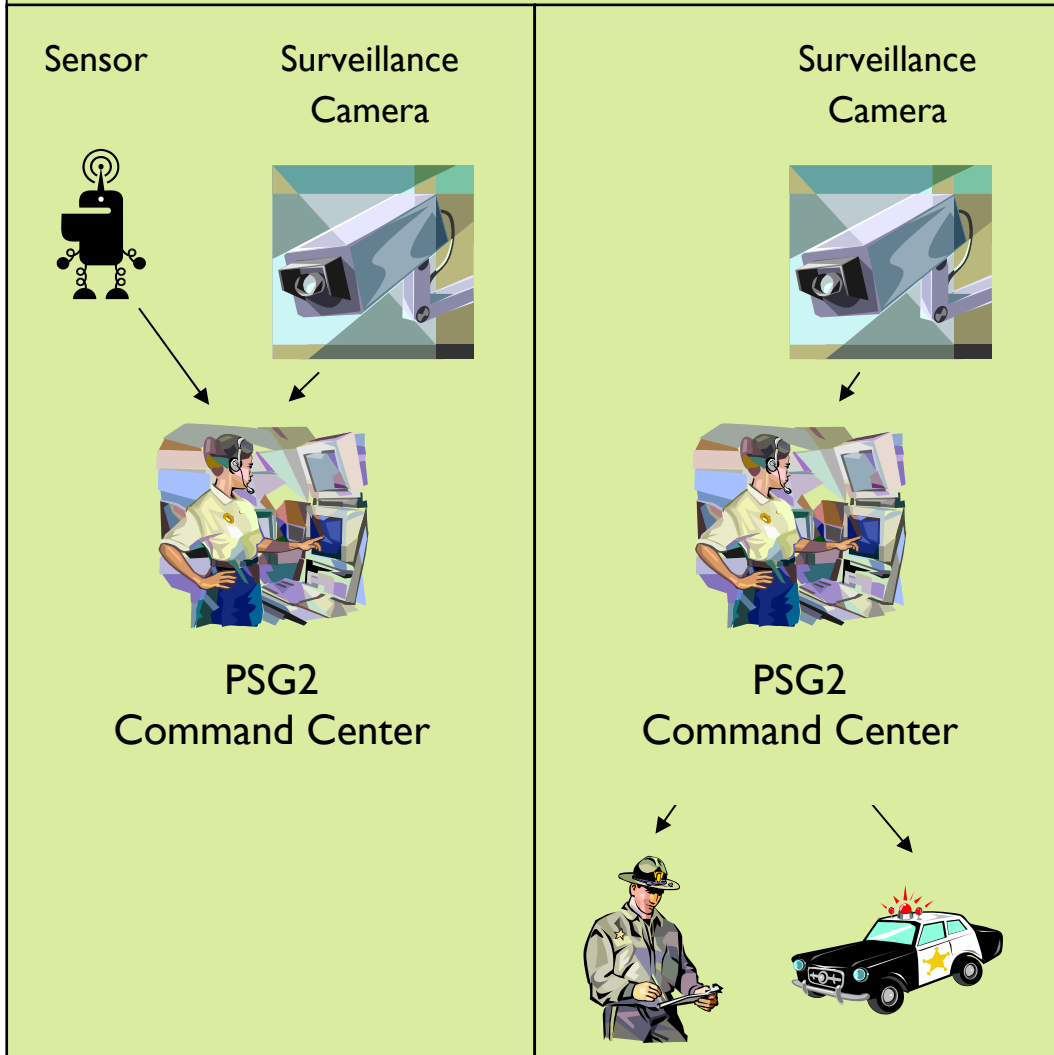
PSG2 is a soft switch. It rings and connects video, audio, and data to the right people where it is needed. It uses web technologies to support data exchange and streaming audio and video.

PSG2 uses the beacons from the wireless antennas to compute the locations of all the mobile devices. The locations are then displayed on the map for easy tracking of officers and vehicles.

LeapFrog Technologies was founded in 1996. Our wireless platform has been used for many applications including floor trading at Chicago Board of Trade where the system handles 1300 users and 50 transactions per second.

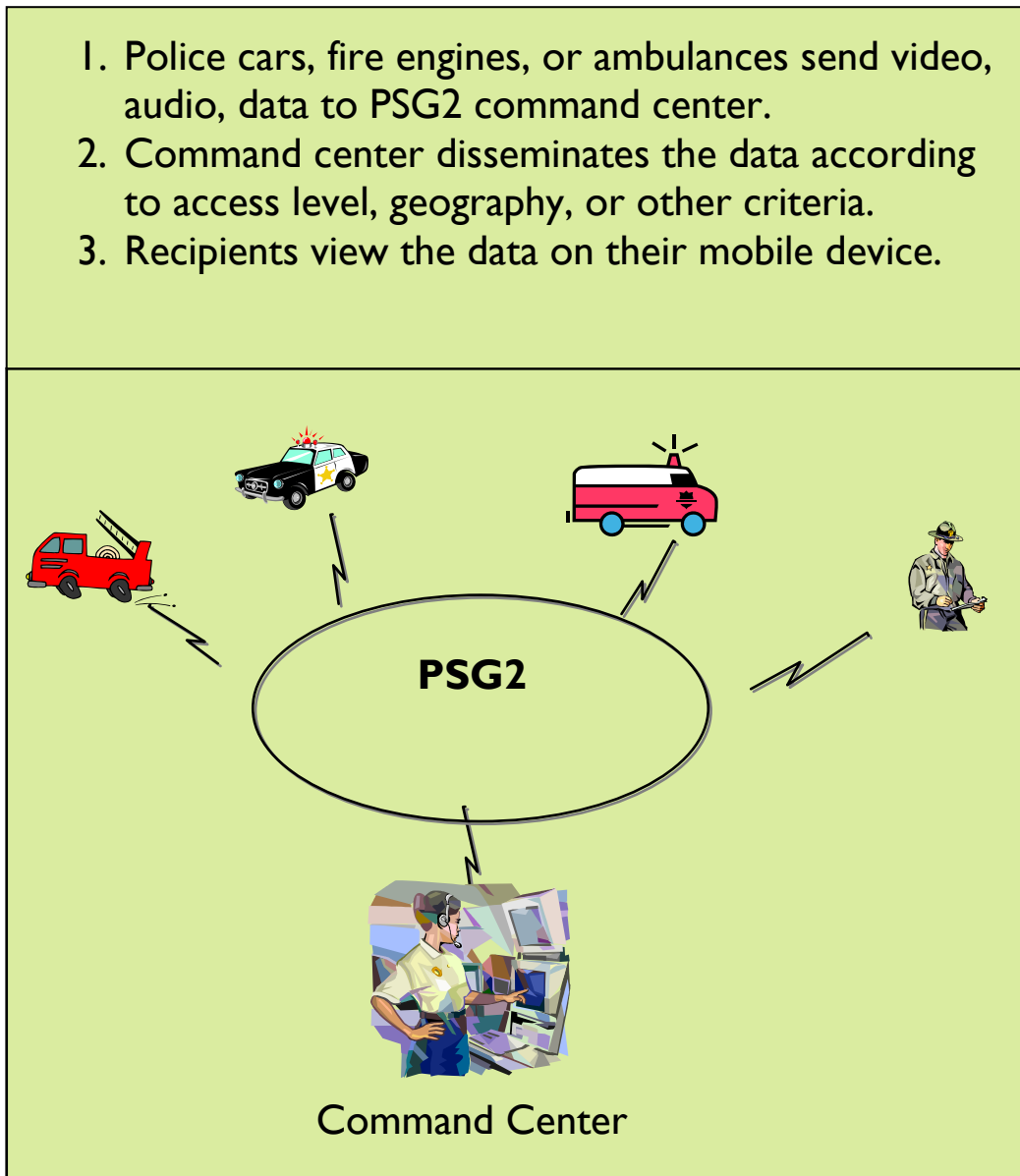
PSG2 automatically switches video stream to where it is needed

1. Sensors detect break-in and send the alert to PSG2 command center.
2. PSG2 command center automatically rings the nearby police and switches the video streams to their mobile devices.



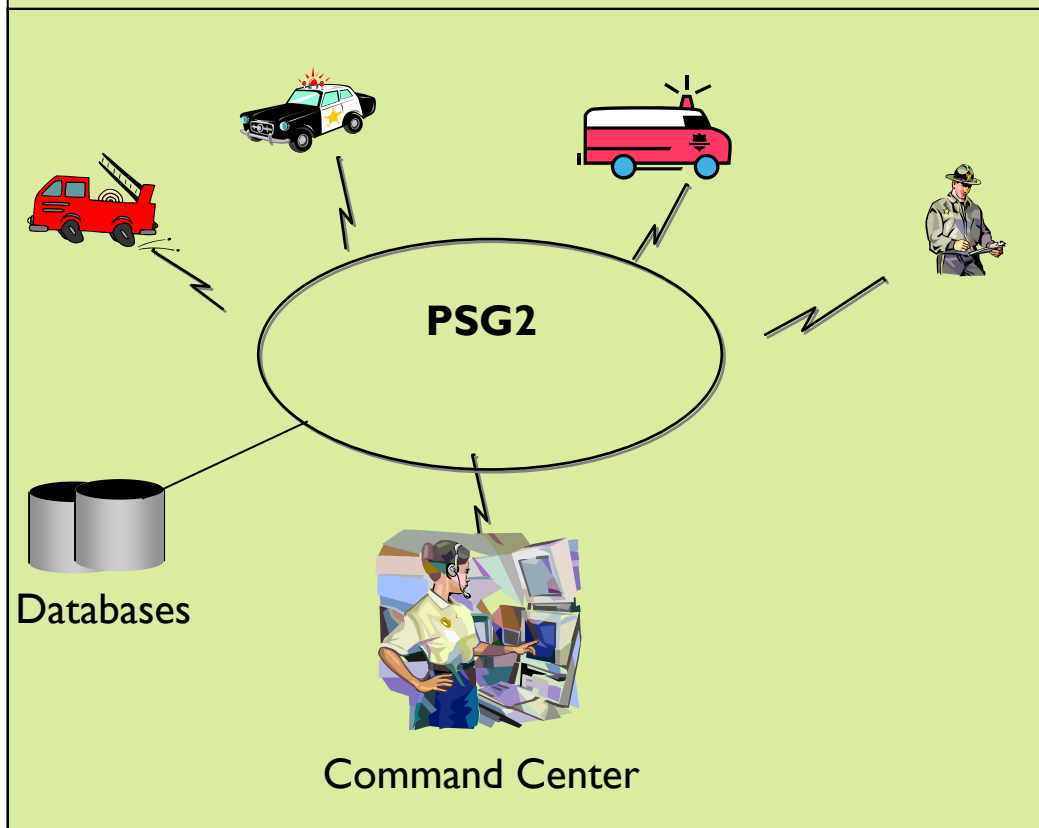
PSG2 command center disseminates intelligence collected from the field

1. Police cars, fire engines, or ambulances send video, audio, data to PSG2 command center.
2. Command center disseminates the data according to access level, geography, or other criteria.
3. Recipients view the data on their mobile device.



PSG2 broadcasts information from the database to personnel in the field

1. Command center sends Amber alerts, mug shots, building blueprints, or video clips from the database to personnel in the field.
2. Policemen receive Amber alerts, mug shots, and video clips. Firemen receive building blueprints. They view them on their mobile devices.



PSG2 enables peer- to peer communication

1. Squad car sends images or video streams to personnel on his buddy list.
2. PSG2 beep the receivers' mobile devices.
3. Policemen receive images or video streams directly from the squad car and view them on their mobile devices.

