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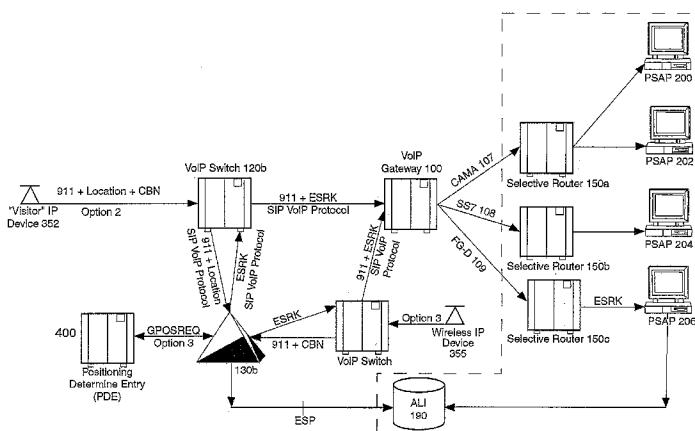
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(54) Title: SOLUTIONS FOR VOICE OVER INTERNET PROTOCOL (VoIP) 911 LOCATION SERVICES



(57) Abstract: An E-9-1-1 voice-over-IP (VoIP) solution is provided wherein a 911 call from a mobile VoIP device is routed directly to the correct Public Safety Answer Point (PSAP) via dedicated trunks, together with correct location information and call-back number. VoIP gateways are implemented locally, at least one per LATA, and accept VoIP packetized data inbound, and convert it to standard wireline voice calls. Calls are routed to an IP address at the VoIP gateway, which then egresses the call to a voice port at a selective router. Mid-call updating of location of a moving VoIP terminal is provided to a PSAP. The location of the VoIP is validated using HTTP based protocol by pushing location information to a VoIP location server, and comparing it against a geographic location database to confirm that a contained street address is valid.

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