



SHADOWTRACK

{voice verification}

ShadowTrack uses voice biometrics to confirm the location of enrollees at specific times — day or night. Voice is the only biometric technology available for remote use and does not require a supervising agency to invest in special equipment. Voice is the only biometric authentication that relies on behavior and physical characteristics. Everyone's voice consists of a unique combination of features that make it distinct from all others. The shape of one's vocal chords, larynx, mouth, tongue and lips and how they are used together that creates a unique voice signature.

ShadowTrack is a passive solution using analog/landline telephone service to confirm the location of enrollees at specific times of the day. Enrollees do not know the number of calls they will receive or at what time the calls will be made. They do not know if they will be required to call back the system as an additional security measure. The basic concept of ShadowTrack is for enrollees to be home to answer the phone.

CALL SCHEDULES

Calls to enrollees can occur at random or scheduled intervals or on-demand. During certain periods of the day, supervising officers can program the system to place a designated number of calls to the enrollee. For example, between the hours of 7-11 p.m., the supervising officer can schedule the enrollee to receive six telephone calls on a random basis to ensure the enrollee remains home during those hours. If the enrollee misses a phone call or fails the voice verification, the supervising officer immediately receives an email notification of the event.

Supervising officers can also have enrollees call into the system from pre-approved telephone numbers as a means of confirming their location. For example, supervising officers can order enrollees to call from the doctor's office or place of employment at specified times. The supervising officer programs ShadowTrack to recognize and accept phone calls from that telephone number at a specific time(s) of the day.

VERIFICATION CALLS

Every voice verification event is date and time stamped and recorded. They can be replayed online at any time. Supervising officers can immediately create exceptions to the enrollee's schedule to accommodate one-time appointments. The 100 percent Internet-based software generates various types of reports and displays historical and current activity for one or more enrollees simultaneously. The software is separate from our VeriTracks application. However, supervising officers can log into ShadowTrack through VeriTracks, as well as migrate enrollee data from VeriTracks to ShadowTrack.