

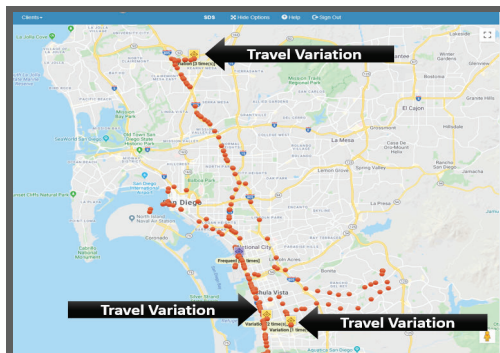
POINT PATTERN ANALYSIS WITH DATA ANALYTICS

Point Pattern Analysis (PPA) for SentinelDNA delivers a comprehensive view of participant travel patterns throughout the community.

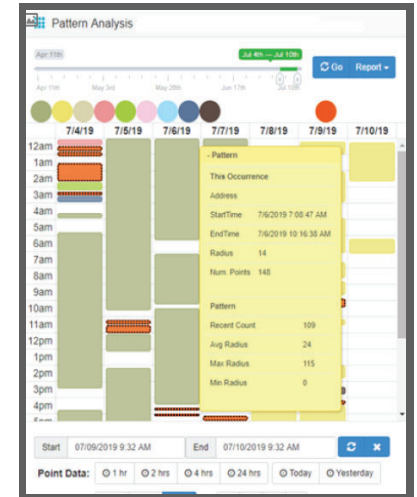
With larger and larger caseloads, field officers don't have the time to sift through thousands of GPS data points every day.

PPA provides visual queues that enable officers to quickly identify variations in participant travel patterns. These variations help supervising officers zero in on travel exceptions and address potential violations before they happen.

The calendar view in SentinelDNA shows approved locations and any travel variations.



Locations a participant visited are analyzed and mapped. The number and duration of visits are displayed, enabling supervising officers to zero in on travel variations.



ESSENTIAL FEATURES

- Streamlines Data Review reduces the time spent reviewing thousands of GPS data points and brings attention to travel exceptions
- Increases Field Officer Efficiency by reviewing a week of location information from single screen.
- Facilitates Early Intervention recognizes changes in travel patterns for immediate officer response
- Consolidates Agency-wide Travel History, combines all program data to calculate the total time spent in court approved activities
- Tracks the locations frequented by individual participants and analyzes all GPS location data while mapping routine travel Patterns
- Customized labels can be assigned to known and variation locations.
- Highlights variations from known and expected locations visited in the community. Displaying all information in easy to understand color coded map and calendar
- Calculates the number of times visited and the total time spent at every location



At the Core of What We Do.

SentinelDNA is the intelligent offender management platform with advanced analytics. SentinelDNA provides single-screen access to our comprehensive set of products and services.

GPS and RF Electronic Monitoring & Remote Alcohol Testing & Substance Abuse Screening
Domestic Violence Monitoring & Cognitive Skills Training & Full-Service Offender Management.

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