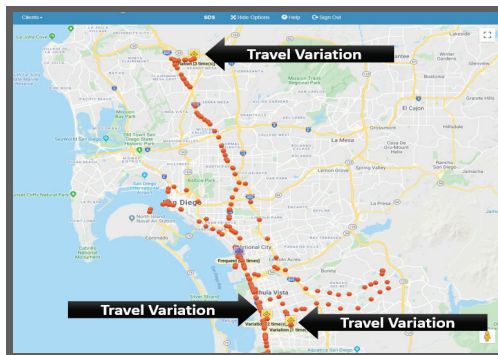


## POINT PATTERN ANALYSIS WITH DATA ANALYTICS

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

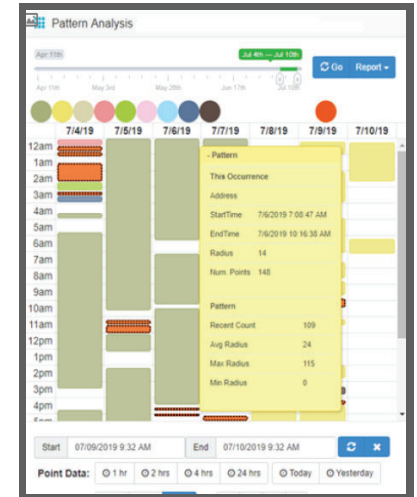
With larger and larger caseloads, field officers don't have the time to sift through thousands of GPS data points every day.

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.



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.

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



## ESSENTIAL FEATURES

- Streamlines Data Review by reducing the time spent reviewing thousands of GPS data points and brings attention to travel exceptions
- Increases Officer efficiency by reviewing 7 days of location information at one time
- Facilitates early intervention by recognizing changes in travel patterns for immediate officer response
- Customized labels can be assigned to known and variation locations
- Distinguishes variations and known locations using color-coded icons both on the calendar view and the map view
- Calculates the number of times visited and the total time spent at every location



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