

## Eagle Analytical Tools

*B.5. - Describe the analytical tool proposer will utilize for sophisticated data analysis and detailed trend analysis using State defined measures and dimensions.*

The Buddi Eagle Software has a number of sophisticated data analysis tools that are configured by State defined measures and dimension. These tools include:

**Location Analysis** - Enter a date, time, and location for a specific wearer or group of wearers (product users) and the system will calculate if the wearer or any wearer in the group traveled to a configurable radius around the address. The system will return when the wearer was at the address and for how long.

**Incident Lookup** - Enter a date, time, and location of an incident for a large group of wearers to determine if any wearers were in the vicinity of the location when the incident occurred.

**Top Locations** - System calculates in real time if a product user or wearer deviates from their daily pattern of locations. Meaning if a wearer travels between points A and B daily, and then suddenly stops at location C, an alert is provided to the State.

**Charge Pattern Analysis** - Using artificial intelligence, Buddi's software learns the charging pattern of every wearer in an account. The system will then take that information and inform the State if a wearer deviates from that typical pattern of charging. This has been shown to mean some type of an event has taken place in the wearer's life that may cause for an illegal activity to occur.

**Wearer Proximity** - System automatically calculates each night if wearers in an account come into proximity of one another and for how long they are proximate to one another. This complex analysis is done in the background every night.

**Wearer Congregation** - System can calculate if 3 or more wearers are congregating together.

**Loitering** - System will calculate if a wearer is spending time just outside zones like schools or parks and alert the State.