



# BI Analytics<sup>®</sup> Suite

## MAKE YOUR DATA WORK FOR YOU

For corrections agencies, making critical supervision decisions every day is just part of the job. BI Incorporated is dedicated to providing you with data that works for you. Using advanced statistical software, the BI Analytics<sup>®</sup> Suite incorporates client behavior and calculates potential risk, offering officers and managers convenient tools to quickly identify and address issues. The Suite includes two distinct modules accessible via BI TotalAccess<sup>®</sup>.

## MANAGE YOUR HIGHEST-RISK CLIENTS

Using information from TotalAccess, the user-friendly Activity Awareness Analytics Dashboard enables officers to manage alerts ranked in priority order by highest risk, and take appropriate action to address potential problems before they happen. Risk is assessed based on live and historical data over a 30-day period. The risk scores are displayed in three key categories: Equipment, Behavior, and Travel.

## REVEAL CLIENTS "FLYING UNDER THE RADAR"

Included in the Priority module are multiple Alert Analyses that identify and prioritize clients with a high number of alerts, enabling officers to reevaluate risk and supervision intensity. Through a snapshot of anomalies and outliers, officers are equipped with data to take action, enhance community safety, and reduce agency liability.

## IDENTIFY TRAVEL PATTERNS, INCLUDING ABSCONDS

Using geographic and spatial data to assess the motion and location of clients on electronic monitoring equipment, agencies can analyze behavior and travel patterns with the Absconder Analysis to provide potential leads when a client absconds. Based on the data, the tool pinpoints locations of family, friends, employers, and other locations and the amount of time spent at each location.

## DETECT RISK LOCATIONS

The Enhanced Stop Analysis enables officers to identify potential risk based on suspicious client behavior and location stops. The system continues to "learn" over time, and by aggregating data, trends emerge to pinpoint client behavior. With this analysis, officers can view data on stop addresses, time duration at the location, client and non-client risk locations, and the history of behavior in proximity to these risk locations.

## KEY FEATURES

### PRIORITY MODULE

- Aggregates data to prioritize risk
- Monitors equipment, behavior, and travel
- At-a-glance dashboard to help officers quickly identify caseload risk levels
- Surface historical trends and anomalies in client behavior

### PROXIMITY MODULE

- Uses geographic and spatial location data
- Details a client's proximity to areas of interest and enables officers to easily create custom risk-based zones
- Identifies travel patterns including absconding and suspicious stop activity
- Detects risk locations and continues to "learn" over time
- Collects data points on curfew, treatment compliance, and work schedule

**Call 800.701.5171 today to schedule a product demo.**