

Groundbreaking Analysis

The BI Analytics Suite is the first authentic analysis tool to incorporate client behavior and calculate potential risk outcomes.

- + Identify offender behavior patterns
- + Pinpoint and predict risky behaviors
- + Focus on high-risk individuals

Make Your Data Work for You!

Call 800.701.5171 to learn more about BI Analytics or to schedule a product demonstration



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BI AnalyticsSM Suite

For corrections agencies, making critical supervision decisions every day is just a part of the job. So why not have data that works for you?

BI Analytics Suite

BI Analytics Suite, an industry-exclusive true analytics software package built on more than 35 years of industry expertise, revolutionizes the way agencies use electronic monitoring data. Using advanced statistical software, the Suite is the first authentic analysis tool to incorporate client behavior and calculate potential risk. This latest innovation from BI was developed to provide officers and managers with convenient tools to quickly target and address issues that impact the overall health of an agencies monitoring program. Available now is the Priority module, accessible via BI TotalAccess®. The Proximity module will be available Fall 2016.

BI Analytics Priority Module

The BI Analytics Priority module analyzes extensive offender data and calculates a risk-based score in moments saving officers considerable time in identifying issues that may have gone unnoticed. Live offender behavior data and historic trends are used to categorize offender risk based on equipment, behavior, and travel patterns allowing officers to quickly assess, prioritize highest-risk offenders, and take appropriate action to address potential problems before they happen.

- Allows agencies to really identify their highest risk offenders, including offenders who wouldn't normally be noticed without BI Analytics
- Shows officers immediately which alerts to work first – offenders with the highest risk score always appear at the top of the offender list, promoting productivity
- Enables officers to be more effective, saving agency time and reducing community risk with actionable information



BI Analytics Suite

– BI ANALYTICS PRIORITY MODULE –

The BI Analytics Priority module supports officer productivity by focusing attention on the highest-risk offenders first. Using historic trends to identify potential risk patterns and anomalies in offender behavior, officers can prioritize and take appropriate action.

Key Features

- Aggregates multiple data sources
- Provides at-a-glance dashboard and multiple reports
- Monitors equipment, behavior, travel
- Assesses alert management and prioritizes risk
- Provides tools for both officers and managers

Key Benefits

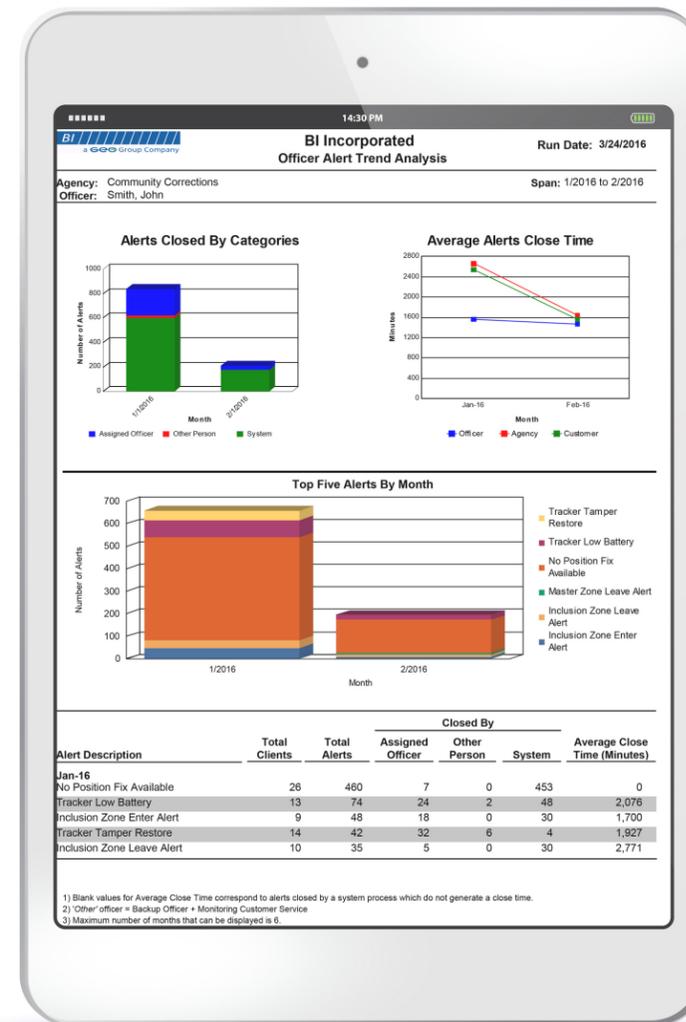
- Aids officers to quickly review multiple data sources for caseloads and assess risky behavior - at a glance
- Helps assess alert management for efficiencies
- Gives supervisors visibility to officers' caseload and effectiveness

The screenshot shows the BI TotalAccess interface. At the top, there are navigation tabs: Caseload Snapshot, All Open Alerts, Call Details, Agencies, Clients, Maps, Reports, and a search bar. The 'Reports' tab is selected, and a dropdown menu is open, showing options like Activity, Ad Hoc Reports, Administrative, Analytics, and Client Information. The 'Analytics' option is highlighted. Below the navigation, there is a 'Caseload' section with a legend and a list of officers: Blake, Jonathan TPT; Garcia, Joe; Jackson; Martin, Alice; Martinez, Jeff; Peders; and Williams, Mark.

How to Make Your Data Work for You

- Log into BI TotalAccess to get the information you need:
 - Select the **Dashboard** tab to access the Activity Awareness Analytics (AAA) Dashboard
 - Select the **Reports** tab and select **Analytics** in the drop-down to access the analyses
- Take action – using the data you can quickly prioritize your caseload

Alert Trend Analysis – Officer



What is the value of the analysis?

- Presents the number of alerts by **Closed Type** for a single officer, **Average Alerts Close Time** by a single officer, agency, and customer, and the **Top Five Alerts** – all over a six-month time period
- Provides a trending analysis of important performance metrics indicating how the values change and highest frequency alerts over time helping to measure the program's effectiveness
- Provides an at-a-glance view for managers to notice where help is needed and provide assistance to maintain the health of the monitoring program



This analysis is also provided in text/table format.

The text version provides all the information listed above, and allows you to view for a single period.

BI Analytics Suite

– BI ANALYTICS PRIORITY MODULE FOR MANAGERS –



By using the BI Analytics Priority module, managers can assess officer work efficiency and productivity based on alert-based metrics regarding their officers. The comparative analyses graphically assist managers in identifying trends, potential risk patterns, and anomalies that may require further training or an adjustment in resource allocation.

Alert Comparison Analysis – Officer

What is the value of the analysis?

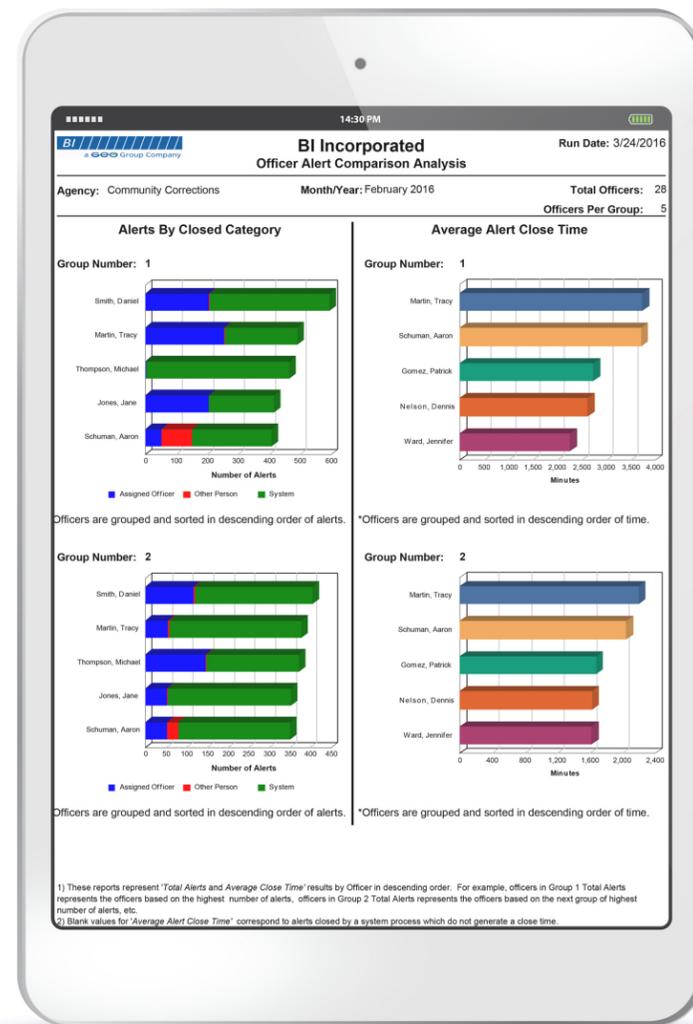
- Provides managers with officer information including the number of alerts by officer, the number of alerts by officer for a specific time period, and a detailed breakdown of alerts by *Alerts Closed By Category* and the *Average Alert Close Time*
- Enables managers to check officer *Average Alert Close Time* so that they can better allocate resources
- Provides an at-a-glance view of anomalies and outliers for any necessary follow up



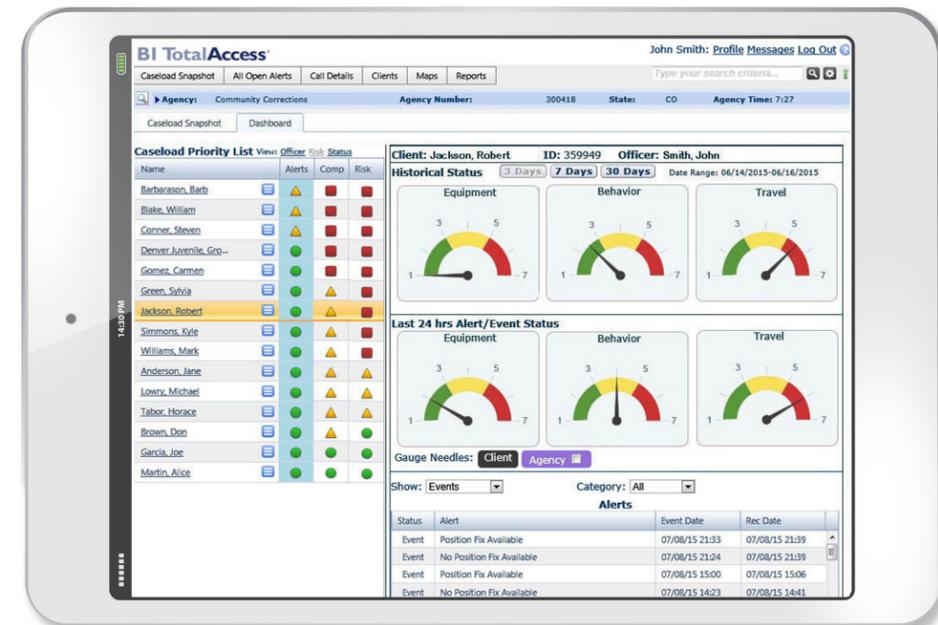
This analysis is also provided in text/table format.

Puts You Ahead of the Crisis - Like Preventative Medicine

By giving officers the tools to quickly and efficiently determine where to focus their time and resources, they can identify high-risk offenders, proactively address their specific supervision issues, and take appropriate steps to reduce liability and increase public safety.



Using information from TotalAccess, the BI Analytics Priority module conducts statistical analyses and displays results in a user-friendly **Activity Awareness Analytics (AAA) Dashboard**, an adjunct to the Caseload Snapshot in TotalAccess. Managing alerts from the AAA Dashboard saves valuable agency time and significantly increases officer productivity. Managers can also assess officer work efficiency and productivity based on alert metrics over a one to six month period.



The value of the AAA Dashboard:

- Provides an offender list, ranked in priority order by highest-risk, displaying risk scores over a 30-day period in three key categories: Equipment, Behavior, and Travel
- Alerts are managed in the Dashboard, saving valuable time for your agency
- Significantly increases productivity in working alerts
- Gives officers and managers the ability to quickly prioritize caseloads
- Provides insights into offender's behavior
- Allows users to work smarter, not harder

BI Analytics Suite

– BI ANALYTICS PRIORITY MODULE FOR OFFICERS –



The graphical analyses are designed to provide officers with actionable information including historical trends and anomalies in offender behavior and detailed breakdowns of Alerts.

Alert Comparison Analysis – Client

What is the value of this analysis?

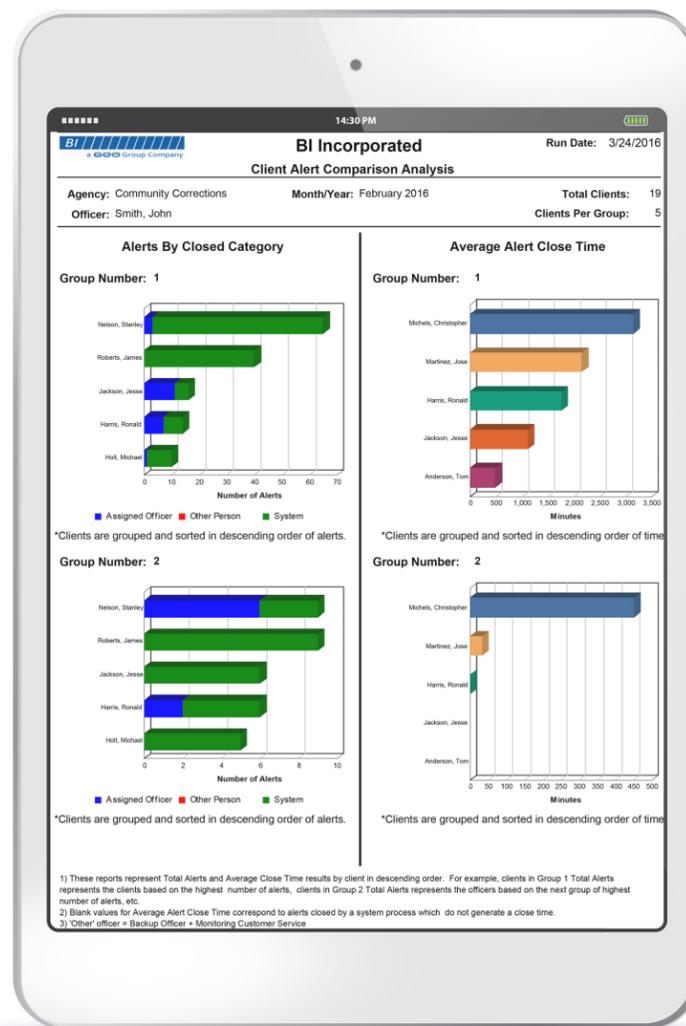
- Displays all offenders for a selected officer, a selected month, grouped by the size
- Identifies offenders in the caseload with a high number of alerts, prompting a reevaluation of risk and the intensity of supervision in a given month
- Provides an at-a-glance view of anomalies and outliers for officers to take action in promoting community safety and reducing agency liability
- Provides a detailed breakdown of **Alerts Closed** by the system or by another officer, and **Average Alert Close Time**



This analysis is also provided in text/table format.

Insure Yourself Against Possible Future Events

Officers are accustomed to addressing alerts when they come up, but not to addressing them in a proactive or preventative manner. Agencies are simply not able to do what BI Analytics does – identify offenders who are alert risks but are “flying under the radar.”



Alert Trend Analysis – Client

What is the value of this analysis?

- Displays the number of alerts by **Closed Type** for a single offender over a six-month time period, the **Average Alerts Close Times** by a single offender, agency, and customer, and the **Top Five Alerts** over a six-month period for a single offender
- Provides a trend analysis of important performance metrics by offender
 - Indicates how performance metric values change over time
 - Indicates highest frequency alerts over time
 - Provides the top five alerts by time frame selected
- The information is presented so officers can quickly see anomalies and outliers that need to be addressed
- Includes a table with the total number of each alert, the **Closed By** method, and the **Average Alerts Close Times**

