BENCHMARK
ANALYTICS®

Elevating Police Officer Performance Through Data Science

The Benchmark Impact

At **Benchmark Analytics®**, we marry a team of seasoned data scientists with world-class technology to engage our law enforcement roots and deep expertise in all facets of the public safety domain. Our data-centric solutions help you make more insightful and well-informed decisions about the way you manage, support and elevate your sworn and civilian personnel — separate from your CAD and RMS systems.

Benchmark Compliance Shield™

All Benchmark research-based, data-driven platforms can be configured to comply with state law enforcement mandates, specific policies of your department and collective bargaining agreement.

Furthermore, our platforms support agencies seeking accreditation by **CALEA**, incorporate the best practices and elements of the ethics toolkit developed by **IACP** — and surpass the performance guidelines on officer conduct recommended by the **DOJ** . . . as well as help protect you from exposure to rising police liability costs.

THE UNIVERSITY OF CHICAGO

As part owner of Benchmark, the **University of Chicago** is the lead member of our diversified research consortium — playing a key role by developing a series of predictive models and algorithms that identify patterns of officer conduct that lead to at-risk behavior in policing.

BMS | Benchmark Management System®

With **BMS**, Benchmark works with you to develop a comprehensive, top-to-bottom police force management system that:

- Serves as your single-source solution with full workflow management capabilities, or can be integrated with your existing systems — there's no need to buy separate Use of Force, Internal Affairs, Performance Evaluation and other systems . . . **BMS** does it all

- Identifies what data is important to ensure the integrity and safety of all police officers, units and supervisors — as well as provides a sophisticated reporting engine that facilitates your chain-of-command reviews

- Delivers an efficient, effective platform created to provide a holistic view of every officer in your department

BMS is a proprietary management tool that features *seven integrated modules* — essential for capturing critical performance data, facilitating proactive police force management and generating ad hoc departmental reports.

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First Sign® Early Intervention

First Sign delivers the most effective EIS available in policing today. It goes well beyond standard systems by establishing benchmarks that more accurately identify levels of at-risk behavior — alerting you to the real need of intervention and officer support. The difference is in the numbers:

5+
Data Sources

Informed by in-depth data points including **BMS**, officer attributes, arrest history, Use of Force and CAD/RMS.

91
Model Variables on Average

Driven by complex, nuanced factors such as context of adverse incidents, sequence of events and patterns of behavior.

85%
Model Precision

Provides greater accuracy than any other EIS . . . **First Sign** engages advanced research methodologies and predictive modeling proven to be 3X more precise than most systems.

5%
At-Risk Average

Findings show no more than 5% of officers exhibit off-track behavior truly in need of intervention . . . clearing officers incorrectly flagged by most systems.

And **First Sign** is **the only research-based EIS that tracks over 20 event markers** shown to lead to truly off-track behavior that can be managed — reducing your exposure to rising police liability costs.

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C.A.R.E. | Case Action Response Engine®

Once at-risk behavior has been identified in **First Sign**, Benchmark expedites thoughtful and well-managed early intervention with **C.A.R.E.** — an innovative, proactive support program that:

- Features research-based case management modules for officer-specific interventions

- Provides best practices proven to be most effective for different levels of intervention

- Facilitates the planning process with a template of actionable guidelines and goals

Ultimately, **C.A.R.E.** allows supervisors to develop a well thought out, meaningful plan of action to help officers who have fallen off track get back on track — and out of **C.A.R.E.**

At Benchmark, we are committed to upholding the honor of the badge.

BENCHMARK
ANALYTICS®

Discover the Power of Data Science for
Police Force Management and Early Intervention

For more information:

Email request to info@benchmarkanalytics.com

To set up a meeting and system demo:

Call 888-40BENCH today — and visit us at

www.benchmarkanalytics.com