



Solution Overview

FORENSIC ADVANTAGE[®] SYSTEMS Breath Alcohol Database (BrAD)

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The Breath Alcohol Database (BrAD) tracks and stores Intoxilyzer[®] records that measure drivers' breath alcohol levels. This module, which can run in standalone mode or seamlessly integrated with the Forensic Advantage[®] LIMS platform helps forensic and law enforcement agencies track the maintenance histories of their Intoxilyzer[®] devices, including most recent certification dates and when instrument operators need to be re-certified. BrAD also handles *subpoena duces tecum* requests for Intoxilyzer[®] certifications and calibration histories, rendering responses in Adobe PDF format and automatically e-mailing, faxing or mailing them to attorneys.

Designed for both commercial and government forensic labs, BrAD increases the quality, consistency, and accuracy with which blood alcohol results are collected and managed.

Business Advantages

BrAD is an innovative, easy-to-use solution that optimizes how law enforcement agencies collect and manage breath alcohol results. Online data sources provide agencies with immediate access to data, improving their productivity and ability to take decisive action. In addition, an automated response system speeds communication with attorneys, speeding the process of both prosecution and defense.

- Enhance integrity of data collection and management.
- Increase productivity with automated response system that speeds activities of both prosecution and defense.
- System tracks underlying components, statistics and user demographics in order to provide a comprehensive view of the business process.

Technical Advantages

BrAD is a robust solution that offers the flexibility, automation and security necessary to ensure the smooth operation of a breath alcohol section. The system can be integrated with legacy systems in order to extend previous software investments. BrAD scales to meet the requirements of any agency, regardless of size.

- Support multiple Intoxilyzer[®] types within the same organization via a data-driven design.
- Integrate with external data sources through Web services.

- Maximize system accuracy, reliability, and availability with a multi-master database model that supports multiple locations.

Forensic Advantage[®] Systems provides business solutions grounded in proven technology. As an award-winning, Microsoft Gold Certified Partner, the organization is among the elite group of Microsoft's business partners, earning their highest endorsement. Forensic Advantage Systems has the knowledge, skills and commitment to help its customers implement a solution that matches their exact needs. The Forensic Advantage[®] product was the primary factor in Microsoft's selection of Forensic Advantage Systems, a division of TCSC, Inc. as its Office System Solution Builder Grand Prize Winner and Worldwide Information Worker Partner of the Year. The technology has also earned recognition from the Greater Richmond Technology Council as its Infineon Technologies Technology Innovation Award winner. Since 1981, Forensic Advantage Systems' parent, TCSC, Inc. has been a leader in business consulting, solution development and technical services throughout the Mid-Atlantic Region. From Imaging, Workflow and Collaboration, to Knowledge Management, Application Development and Enterprise Architecture, the organization's commitment to excellence is recognized by vendors and customers alike.

The Forensic Advantage[®] platform ensures accountability for evidence chain of custody, collects and associates scientific analysis for evidence submitted, provides query and statistical reporting, facilitates inter-lab connectivity and generates documentation for use in criminal proceedings. It can also be configured to automate communication regarding the transfer of evidence, case status and results. In order to maximize its value, flexibility and scalability, Forensic Advantage was designed as a "Customizable-Off-The-Shelf product built with COTS components". The solution benefits from a modular, object-oriented architecture that can be configured to address various business processes and requirements.

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