



## Solution Overview

# FORENSIC ADVANTAGE™ SYSTEMS

## Breath Alcohol Database (BrAD)

### About Forensic Advantage™ Systems

Forensic Advantage™ was created to address the unique needs of forensic laboratories that recognize the benefits of conducting their collection and case management activities electronically. The Forensic Advantage Suite of modules delivers the ability to improve Case and Evidence, DNA and DUI data management while leveraging Microsoft Office platform. The Suite improves individual productivity



by enabling forensic examiners to focus on delivering timely, accurate results.

Forensic Advantage™ Systems is a division of TCSC. TCSC is a Microsoft Gold Certified Partner that specializes in providing results-oriented

business productivity solutions. The solution provider's motto 'Business Solutions, Not Just Computers', clearly states its goal of creatively leveraging proven technologies to address customer needs. While Microsoft-centric, TCSC recognizes that legacy systems must be incorporated as part of the overall solution to maximize its clients' investments in technology, both old and new.

TCSC serves the commercial and government sectors by developing applications in Microsoft Visual Studio® .NET that can be integrated with Microsoft SQL Server™ and the Microsoft Office System. TCSC also provides Internet and portal solutions that leverage Microsoft Windows SharePoint™ Services, Microsoft SharePoint Portal Server and Microsoft Content Management Server.

### Solution Overview

The Breath Alcohol Database (BrAD) tracks and stores Intoxilyzer® records that measure drivers' blood alcohol levels. BrAD also 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. Designed for both commercial and government forensic labs and law enforcement agencies, BrAD increases the quality, consistency, and accuracy with which blood alcohol results are collected and managed. 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.

### 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.
- Maximize system accuracy, reliability, and availability with a multi-master database model that supports multiple locations.
- Integrate earlier systems and external data sources through Web service.

### Forensic Advantage™ Systems

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