



Solution Overview

FORENSIC ADVANTAGE[®]

SYSTEMS

DNA Databank

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 DNA Databank (Databank) provides a means for accurately capturing and tracking demographic information during the DNA analysis and matching process. Forensic Advantage[®] Systems' Databank facilitates anonymous matching of samples against local, state and federal sample database, protecting individual privacy while ensuring the integrity of the overall process.

Designed for both commercial and government forensic labs, the DNA Databank improves the productivity of forensic analysts by automatically capturing demographic information and appropriately obfuscating it during sample matching.

Business Advantages

The DNA Databank is an automated, easy-to-use solution that optimizes how law enforcement agencies collect and manage DNA samples and their associated demographic information. Integration with DNA mapping equipment allows the system to minimize user interaction, thereby speeding the process of receiving and cataloging samples for analysis.

- Integrated imaging component captures demographic content, automatically completing requisite database information.
- Separate databases are used to manage demographics and actual sample maps, sufficiently obfuscating the information while ensuring maximum efficiency.

Technical Advantages

DNA Databank is a robust solution that offers the flexibility and automation necessary to ensure the secure operation of DNA sample collection, analysis and matching. The system can be integrated with existing analysis equipment in order to extend previous investments.

- Support multiple DNA equipment types within the same organization via a data-driven design.
- Maximize system accuracy, reliability, and availability with a SQL Server database.
- Integrate external data sources through Web services.

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