

Agencies strive to make better business decisions using data they collect about customers, employees, partners, suppliers, inventory, and the activities that tie them together. The ability to quickly make decisions as transactions occur reduces operational risk, increases efficiency, and improves decision making. The result is enhanced business management, which in most cases results in greater effectiveness. The challenge, however, is that data is

collected faster and in more remote locations than ever before. The ability to include all of the data required to make effective decisions is increasingly complex, which in turn makes decision making difficult and operational performance suffers.



Infoglide Software Corporation has provided identity resolution solutions to insurance, retail, law enforcement, and government since 1996. Using the same technology purchased by the US Department of Homeland Security to target terrorists and screen airline passengers, the Identity Resolution Engine (IRE) enables better decision making about the *people* with whom agencies interact and the schemes in which they operate. Unlike most business intelligence solutions, the IRE performs "identity focused" analysis to:

- Identify hidden relationships between identities such as customers, service providers, locations, vehicles, and property;
- Highlight multiple occurrences of the same identity without modifying or standardizing the data; and
- Reduce false positives or "noise" from search results to focus human analysis where it is best utilized.

***"The system allows us to look at the difficult criminal networks in a more educated and sophisticated way, drawing upon intelligence from more than just the local resources. Sophisticated and organized criminality demands a sophisticated and organized police response - this is made all the easier by better sharing and analysis of intelligence gleaned from disparate databases."***

***Mick Creedon, Assistant Chief Constable,  
Derbyshire Constabulary, UK***

## Unique Capabilities

### Similarity Search

- Provides the ability to uncover identity matches in databases that are not exact matches
- Ensures that misspellings or intentional data manipulations are detected to reduce false negatives
- Searches across multiple attributes to disregard irrelevant matches and reduce false positives that waste investigative resource time

### Identity Aggregation

- Identity analysis performed across multiple, remote data sources as well as data warehouses
- Expand the breadth of analysis by utilizing data sources regardless of type or physical location
- Previously unavailable commercial data sources are now a viable option to use in screening
- Reduces investment and ongoing maintenance costs

### Flexible Integration

- Integrates easily with existing legacy systems leveraging IT investments
- Integrates 3<sup>rd</sup> party analytics and data sources
- Quickly incorporates heterogeneous analysis into a single solution

## Innovative Solutions

Infoglide Software has deployed innovative solutions using its unique IRE technology to help overcome data aggregation, analysis, and management challenges for a number of customers.

**US Transportation Security Administration** – Secure Flight is a TSA program that compares passenger information against lists of individuals known to pose or suspected of posing a threat to civil aviation or national security. Infoglide Software provides the technology that Secure Flight uses as the primary framework for the passenger screening solution.

**US Citizenship and Immigration** – The USCIS is building a world class Enterprise Document Management Service capability for storing, managing, searching, and viewing OCR images to support multiple stakeholders, including CIS, ICE, CBP, and other investigative agencies requiring information. The solution for the Enterprise Document Management Service provides users with the capability to search using specific index information for images that have been scanned and allow the users to view the images as PDFs. Infoglide Software provides an advanced QA functionality that compares the metadata/index information from the newly scanned documents with existing USCIS database information.

**Border and Immigration Solutions Center of Excellence (BISCOE)** – CSC designed the BISCOE to showcase how government organizations can achieve their border security and immigration goals by deploying solutions for civil identity credential issuance, visa applicants risk analysis, border event case management, and immigration services delivery and enforcement. The center's goal is to show innovative ways to create safer borders by enabling border and immigration management agencies to focus their enforcement and investigative resources on high-risk visa applicant and border crossing events, thereby helping detect and prevent unauthorized or illegitimate activities. CSC uses the IRE as the BISCOE's identity risk assessment framework.

**UK Police** – Infoglide Software provided the technology to the UK's first Regional Intelligence Unit (RIU). Nine databases from three large UK forces were linked together, and the officers working in the RIU were given a range of tools (Investigator Desktop, Relationship Visualization, and Intelligence Analyst) to make use of these disparate data sources.

## Contact

For more information regarding Infoglide Software's Identity Resolution Engine, please contact IRE@infoglide.com



## Anonymous Collaboration

The IRE enables anonymous, secure collaboration without having to move or expose the underlying data.

- Searches multiple data sources, regardless of owner, and returns answers, not data
- Enables information sharing with complete security
- Requires absolutely no movement of raw data from its secure source locations
- Allows each data owner to control the access levels to their own data
- Assures data privacy by only allowing answers to questions, not the data itself

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