

Infoglide Software Corporation is responding to the financial services industry's red flag risk detection compliance requirements with the same identity resolution technology used by the Department of Homeland Security to protect air travel. IDENTITY RESOLUTION ENGINE™ (IRE) tells financial institutions who's who and who knows whom despite input errors and attempts to deceive.

The result:

- ▣ Improved detection and prevention
- ▣ Improved service for your good customers
- ▣ Significant capability without IT turmoil



### **MULTIPLE RISK DATASET INTEGRATION**

Often large organizations need to get key information out of data that they have in multiple locations and formats. For example, a financial institution may have one application that stores customer data, another that gathers transaction history, and still another, often a third party data provider, that hosts risk data. Ideally, they should be able to use all this data to determine who their high and low-risk customers are. While this sounds like a simple undertaking, until recently, it was a complicated and difficult process.

IRE is able to integrate with a variety of risk databases. Many commercial risk databases are available in the marketplace today, and there is no right or wrong answer to providing risk information. Many financial institutions already have a plethora of risk information within their various databases. IRE can integrate with any or all external, as well as internal, risk data. The ability to bring together both internal and external data, without creating a data warehouse, is a unique capability of IRE.

### **The TSA's Choice**

The technology behind IRE was selected by the Transportation Security Administration for the domestic airline passenger screening program. It beat out over 1000 other applicants (including some of the biggest names in the industry) because it was the only solution that could:

- Identify high risk individuals in less than one second
- Work unobtrusively in order not to disturb low-risk customers
- Draw information from multiple, disparate, and remote sources of data
- Minimize need to modify or move data
- Maintain confidentiality of all data sources while enabling their use
- Handle high and low risk customers with same system

### **BEST-IN-CLASS MATCHING**

IRE's 50+ patented SimilaritySearch™ algorithms are able to score each individual attribute on how close it matches like attribute records located in other disparate data sources. Advanced algorithms for names, addresses, dates, social security numbers, and many others are able to determine the similarity between two identities with high accuracy.

IRE is able to find similarities in data that indicate that what may appear to be multiple identities is actually one identity, even when the data is incomplete or has been intentionally altered. The ability to also determine non-obvious relationships between identities enables IRE to process more advanced rules.

### **RULES FLEXIBILITY**

IRE comes with a flexible strategy to provide rule processing. Depending on the level at which the rules must process, several options are available to meet the need. Most simple rules are pre-configured using basic java script and are delivered with the system. Most IT departments have resources already well versed in java script, so the rules can be manipulated at once without the need for complicated rules engine training. More complex rules can be configured within JBoss Rules, which is deployed with the engine. Existing customer rules engines can also be quickly integrated with IRE, thereby leveraging existing IT investments.

### **BEHIND THE FIREWALL**

In these days of data theft and computer crime, the protection of customer data is paramount. Infoglide Software combats these modern day threats in the architecture of IRE. All sensitive customer account data stays securely in the secure environment. Customer data is never sent out beyond the firewall, eliminating the complexity of encrypted communications between the financial institution and an account screening vendor.

## PORTFOLIO MONITORING

IRE has the ability to automate risk analysis against an existing account portfolio. This means that if an existing opened and assumed non-risk account has a problem in the future, the system will notify and create a case in the case tracking system. Every time the risk data is updated, the portfolio is analyzed to verify that there are no new issues with any existing accounts.

The system supports white lists, so it will not generate repetitive risk result warnings for accounts where common names or known safe accounts cause false positive alerts. For dollar aggregation and tracking money flow, the system can automatically build relationships between non-related accounts and customers. IRE is able to monitor risk assessments on all customers in a bank based on transaction profile, customer characteristics, and various risk watch lists and databases. Information can be fed back to other systems through easy-to-use interfaces. System security is hierarchical and maintained by the system administrator and all confidential information is encrypted using a variety of encryption methods.

## KEY DIFFERENTIATORS

**Identity Resolution Engine** incorporates several key technological differentiators:

### ■ SimilaritySearch

- Utilizes 50+ patented algorithms, which far exceed exact match/fuzzy logic capabilities, to uncover previously hidden relationships
- Detects misspellings and intentional data manipulations to reduce false negatives, ensuring nothing slips the net, and provides the highest quality leads
- Disregards irrelevant matches and reduces false positives that can waste valuable employee time and annoy customers

### ■ Multi-Database Access

- Performs identity analysis across multiple disparate data sources
- Expands the breadth of analysis by uncovering data within sources regardless of type or physical location
- Incorporates commercial and other external data sources to validate identities

### ■ Flexible Integration

- Integrates easily with existing solutions to provide advanced identity-focused analysis and results
- Integrates easily with existing legacy systems, leveraging and protecting IT investments
- Integrates quickly with third-party analytics and data sources even after the solution is configured

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## Risk Data Examples

### World Check

- Data derived from hundreds of thousands of public sources
- Updated daily in real time by an international research team
- Coverage includes: PEPs, money launderers, fraudsters, terrorists, and sanctioned entities, plus individuals and businesses from over a dozen other categories

### WorldCompliance

- Pre-eminent information service that provides a comprehensive database of individuals and institutions that might pose risk to organizations
- Includes detailed information for more than 600,000 individuals and companies known or suspected to be affiliated with terrorism, money laundering, drug trafficking, arms dealing, war crimes, white collar fraud, or other illegal activities, as well as "Politically Exposed Persons," their family members, and close associates

### NominoData

- Targeted information reduces unproductive, unrelated responses
- Includes the latest breaking risk information that is re-indexed and updated every 24 hours
- Wide range of global risk sources including: Anti-Terrorism Watch Lists, Exchange Enforcement Releases/Sanctions, Retail Fraud, Law Enforcement Releases/Sanctions, Global Most-Wanted Lists, Politically Exposed Persons, Identity Theft Victims, Drug Enforcement Releases, Links to Worldwide Media, Credit Card and Check Fraud, Hacker Arrests and Convictions

### Others by Request