

DATA SHEET

# Pitney Bowes Spectrum™ Business Services

## GLOBAL SENTRY

### HOW SECURE DO YOU FEEL IN YOUR BUSINESS DEALINGS?



## Summary

The Spectrum™ Business Services Global Sentry includes:

- Built-in knowledge to identify and resolve both syntactical and semantic ambiguities and inconsistencies
- Cultural name understanding, including Arabic
- Global name libraries with variations and genders associated with particular regional nuances
- Global address data sources for enhanced accuracy
- Pre-configured, optimized, and flexible match rules that combines and reviews all information in the various interdiction lists including name, address, date of birth, also known as (aka), social security number, nationality, and passport information - to provide you with the best possible probability for a match
- Internal fraud database matching capability

## OVERVIEW

### Know Who Your Customers Are

You deal with customers, prospects, and vendors every day, but how well do you really know these companies and individuals? More to the point, do you have any idea of their true intentions? By consolidating various agency and country lists, Spectrum™ Business Services Global Sentry arms you with the data and equips you with the technology you need to feel secure in all of your dealings.

### Combining Data and Technology to Protect Your Company

Pitney Bowes Spectrum™ Business Services Global Sentry is built on the industry leading Spectrum™ Technology Platform. The Spectrum™ Global Sentry is an international solution that addresses the specific requirements of governing bodies around the globe faced with laws that look to impose financial sanctions against designated countries, individuals, and organizations on published watch-lists. In particular, companies are required to:

- Ensure that all new customers are compared to the lists and approved for activity before transactions are initiated
- Specify the customer account information that is being scanned – account holders, signatories, powers of attorney, beneficiaries, and beneficial owners
- Perform an immediate review of existing customer information when a list update is issued

- Periodically perform tests to ensure customer information is effectively scanned for compliance
- Implement escalation processes for the proper handling of potential matches
- Maintain a history file of previously identified, but subsequently cleared, matches for internal audit purposes

### The Compliance Story

With increased governmental reporting and disclosure requirements, the need to centralize and maintain high data quality standards is more important than ever. For organizations with millions of customers, compliance with major regulations such as Sarbanes-Oxley (SOX), HIPAA, Gramm-Leach-Bliley, Bank Secrecy Act (BSA), Anti-Money Laundering (AML), and USA Patriot Act requires complete transparency and consistency in the data transformation process driven by automated data quality processes. In fact, SOX requires CEO and CFO attestation to the accuracy of financial reporting, for which they must have complete confidence in the underlying data quality. Companies committed to meeting security compliance requirements, gaining stakeholder trust, as well as better planning and decision making are taking an integrated approach to meeting these requirements. And their efforts are consistently founded in data quality management.

In a pivotal data quality survey conducted by the Data Warehousing Institute, forty percent

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## Global Sentry

### Highlights

The Spectrum™ Business Services Global Sentry provides the right tools for management of major compliance regulations such as:

- Sarbanes-Oxley (SOX)
- HIPAA
- Gramm-Leach-Bliley
- Bank Secrecy Act (BSA)
- Anti-Money Laundering (AML)
- Patriot Act

Provides matching against watch lists for global compliance and security, including:

- OFAC (USA)
- OSFI (Canada)
- CFSP (European Union)
- Bank of England (UK)

Provides a 'Risk Score' by performing matches against:

- Name
- Address
- DOB
- Nationality
- Social Security Number
- Passport Information

Optional subscription service provides additional matching against:

- FBI Most Wanted
- Interpol Most Wanted
- Politically Exposed Persons (PEP)
- Real-time published news and broadcast information on global terrorists and fraudsters

of the respondents indicated that the quality of data contributed to compliance problems. Furthermore, in a 2009 global survey on Data Quality conducted by The Information Difference, the top three problem areas identified were:

- Data is non-standard and needs to be standardized
- Data is missing and needs to be enriched
- Data is incorrect and needs to be corrected

And sixty-three percent responded that they "have no idea what poor data quality may be costing them."

For executives in charge of regulatory compliance, poor data can result in the company facing public embarrassment, damage to brand equity, significant fines, and even lawsuits. Soon, data quality may be a line item on auditing checklists. The dissociation of auditing-by-report and underlying data quality must be addressed through measurement and assurance of data quality management. To accomplish this, companies must move from embedded code based legacy systems, to executive sponsored enterprise-wide data governance plans. These plans must be supported by automated workflow solutions that give companies the ability to centrally create, monitor, and improve data quality business rules.

The loss of customer trust and confidence, along with long-lasting reputational damage must be considered as companies calculate the return on investment (ROI) of data quality. In addition, the cost of reactive compliance should rank high on the list. A forward-thinking organization should include data quality as a part of its everyday operations.

### The Compliance Requirements

Different countries have different requirements, but the goal of global compliance and security is the same.

In the US, the Office of Foreign Assets Control (OFAC), part of the U.S. Treasury, administers and enforces economic and trade sanctions based on US foreign policy and national security goals. These sanctions are invoked against entities such as targeted foreign countries, terrorists, international narcotics traffickers, and those engaged in activities related to the proliferation of weapons of mass destruction.

In Canada, the Office of the Superintendent of Financial Institutions (OSFI) is an independent agency of the Government of Canada reporting to the Minister of Finance. This agency was created to boost public confidence in the Canadian financial system. It is the primary regulator of federally regulated banks, insurance companies, and pension plans in Canada.

While United Kingdom (UK) laws on financial advisory and sanctions are managed by the Bank of England, global and regional crises and challenges, coupled with developments within the European Union (EU), have made new demands on the EU's external activities. Therefore, it was decided to develop a Common and Foreign Security Policy (CFSP) for the EU. The correct application of financial sanctions is crucial in order to meet the objectives of the CFSP and especially to help prevent the financing of terrorism. The application of financial sanctions constitutes an obligation for both the public and private sector. In this regard, the EU assigns particular responsibility to credit and financial institutions, since they are involved in the bulk of financial transfers and transactions affected by the relevant regulations.

### The Challenges of Compliance

Unlike anti-money laundering requirements that only impact financial institutions, the requirements of the global compliance bodies impact us all, including:

- Citizens and permanent residents
- Persons and entities within a country
- Incorporated entities and their foreign branches

## Platform Support

The Spectrum™ Business Services Global Sentry supports Windows and UNIX platforms, including 64 bit versions:

- Windows 2000/XP/2003
- Solaris – 9, 10
- HP-UX – 11.11, 11.23 (PA-RISC), 11.23i (Itanium)
- AIX – 5.3, 6.1
- Red Hat Linux – 4, 5.2
- Suse – 9, 10

- Foreign subsidiaries owned or controlled by companies in those countries
- Foreign persons in possession of country of origin goods
- Banks
- Bank holding companies
- Non-bank subsidiaries

Certain industries by the very nature of their business – financial institutions, insurance companies, importers and exporters, travel-related companies – are at greater risk for non-compliance.

In support of these laws and sanctions, the various global governing bodies provide and update lists of individuals, organizations, and countries that companies should identify before executing or entering into any property or financial transactions.

To compound the challenge, each governing body maintains their own list. These interdiction lists are unstructured, often with duplicate and missing information, and provide no cultural understanding of names or the variation of names. Furthermore, multiple aliases, dates of birth, passports, and addresses exponentially increase the challenge of matching to these lists. Relying on procedures with exact matching or basic soundex based phonetic matching, introduces the potential for false positives or the inability to block transactions, making it difficult for the compliance team and end users to work with the information.

### How Pitney Bowes Spectrum™ Business Services Global Sentry Can Help

The Spectrum™ Business Services Global Sentry provides you with a more accurate and in-depth view of your customers. Global Sentry automates the identification process by providing consolidated, structured, and optimized watch lists from the various countries. Robust matching

and scoring algorithms handle variations in data supplied, while a knowledgebase supplies an understanding of names across 143 region-specific cultures and multiple languages. This solution makes it easy to match and consolidate data into a single, comprehensive customer record, giving you the insight you need to comply with requirements and enhance customer loyalty and lifetime value.

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- Pre-configured, optimized, and flexible match rules that combines and reviews all information in the various interdiction lists including name, address, date of birth, also known as (aka), social security number, nationality, and passport information – to provide you with the best possible probability for a match
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The Spectrum™ Business Services Global Sentry gives your company additional interdiction compliance value-add by providing:

- Pre-built data model for normalized storage of data elements and optimized querying
- Client SDK/Web services interface to integrate with Enterprise Applications for real-time response and action
- Centralized business rules, making it easier for analysts to create, maintain, and monitor rules and transactions without reliance on IT to embed and maintain these rules inside your legacy banking applications

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## Global Sentry

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### PITNEY BOWES BUSINESS INSIGHT

With the industry's most comprehensive set of solutions for maximizing the value of customer data, Pitney Bowes Business Insight helps organizations more effectively locate, connect with and communicate to their customers in today's global markets.



- Easily configured batch flows to process customer data against updates for pro-active monitoring and auditing
- Fast response times ensuring minimum impact on daily operations
- Optional subscription service providing additional matching against other watch-lists

Pitney Bowes Spectrum™ Business Services Global Sentry relies on the underlying Spectrum™ Enterprise Data Quality Solution modules for Universal Name, Data Normalization, and Advanced Matching. It provides pre-configured and optimized rules for matching against the normalized and consolidated watch list from OFAC, OSFI, EU, and Bank of England. Matches are performed against Country, Name, Address, ID, and other information such as DOB to provide a 'Risk Score', allowing your organization to make the right choice before deciding to block a particular transaction and avoid false positive results.

Companies are required to perform enhanced due diligence checks whenever possible against 'hits' identified by interdiction software, including Pitney Bowes Spectrum™ Business Services Global Sentry. To support our customers in this endeavor, we offer a subscription service to checkforrisk.com, powered by Nominodata. This service allows investigators, compliance officers, and front-line individuals the ability to perform customized web searches against a broader universe of global watch-lists. These lists include not only the FBI Most Wanted, Interpol Most Wanted, Politically Exposed Persons (PEP), but also real time published news and broadcast information on terrorists and fraudsters around the globe. This subscription is available to our customers on a per user/per month, unlimited transactions basis. Please contact your Pitney Bowes Business Insight Account Manager for additional details.

For more information, call us today at 800-327-8627 or visit [www.pbinsight.com](http://www.pbinsight.com).

#### The Pitney Bowes Spectrum™ Solutions and Business Services

##### Spectrum Enterprise Data Quality Solution

- Address Now
- Advanced Matching
- Universal Addressing
- Data Normalization
- Universal Name

##### Spectrum Enterprise Location Intelligence Solution

- Enterprise Geocoding
- Enterprise Location Intelligence
- Enterprise Routing

##### Spectrum Enterprise Data Integration Solution

- Data Services for Oracle
- Data Services for Siebel
- Data Services for SFDC
- Data Services for SAP
- Sagent Dataflow

##### Spectrum Enterprise Data Governance Solution

- Profiler Plus
- Monitor Plus

##### Spectrum Business Services

- Enterprise Routing
- Global Sentry
- Enterprise Tax Management
  - > Sales & Use
  - > Payroll
  - > Personal Property
  - > Insurance Premium Tax
- Business Application Connectors
  - > Data Quality Connector for:
    - MySAP CRM v.5.0, v.6.0
    - MySAP ERP v.5.0, v.6.0
    - Siebel Enterprise Apps v.7.8, v.8.0
    - Siebel Industry Apps v.7.8, v.8.0

##### Spectrum OnDemand