LexisNexis® RISK SOLUTIONS

Government

Link Siloed Data Into Meaningful Insights

Empower your government agency with the most advanced identity management technology available.

The world has become more digitized and that includes government at the local, state and federal level. As reliance on technology and data increases, it is incumbent upon stakeholders to look at identity management as both a challenge and a key enabler for core functions.

Whether your agency is focused on data quality management or understanding the individuals and businesses within your jurisdiction to help resolve identities, prevent fraud or perform other investigations — LexisNexis® Risk Solutions can help break down the data silos within your agency or across juris dictional boundaries and support efforts concerning data hygiene, data sharing in a secure environment, cyber and fraud threats, and even the digital citizen experience (CX).

Making sense of your data begins with data — and a lot of it

Access to large quantities and varieties of data is crucial for thorough identity verification. LexisNexis® Risk Solutions is proud to offer government unparalleled access to a massive data repository. LexisNexis maintains more data than anyone else in the industry — over 109 billion public and proprietary records from 10,000+ sources.

LexisNexis databases not only contain historical identity information for all U.S. adults, but the data is constantly monitored and refreshed with our data analytics platform processing 270 million transactions every hour.

Proprietary linking for precise identification

LexisNexis® Scalable Automated Linking Technology (SALT) is a proprietary and patented method of linking and clustering records. SALT uses an iterative approach to gather and compare all of the data about a specific entity. The process labels each record in a data set with a **common unique identifier** that corresponds to the entity to which it belongs. SALT uses sophisticated matching capabilities to account for fuzzy matching or variations in the way that data is represented and fills in gaps where data is missing. As more and more data about an entity is amassed and linked to a single, unique LexID®, the understanding of who that person is becomes, and remains, more complete and accurate across data silos.

Unlike competitors that rely on probabilistic or string-based approaches, the foundations of SALT are statistically-based and the linking process is dynamic, which means that identity profiles are continuously validated and updated through time as SALT ingests, or links, new data sets and records.

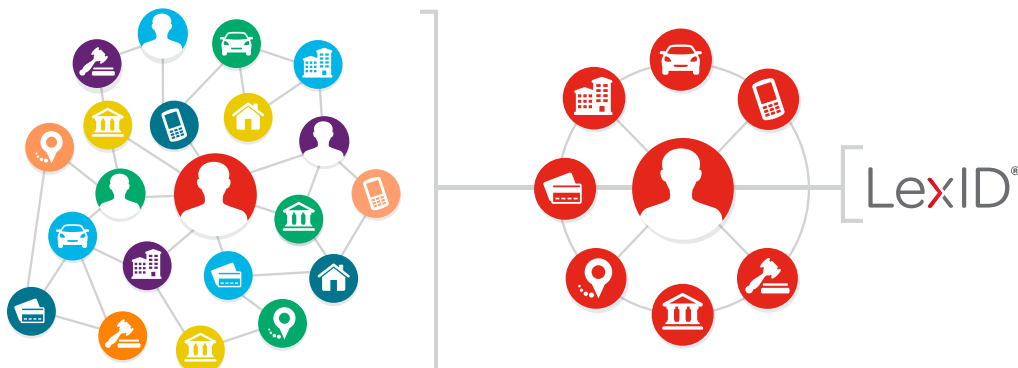## How do SALT and LexID® work together?

SALT

A tool that analyzes records from disparate data sources and ultimately links together records common to a single individual.

A unique identifier (LexID®) is assigned to these records and acts as the linking agent for all data points associated with a specific individual.
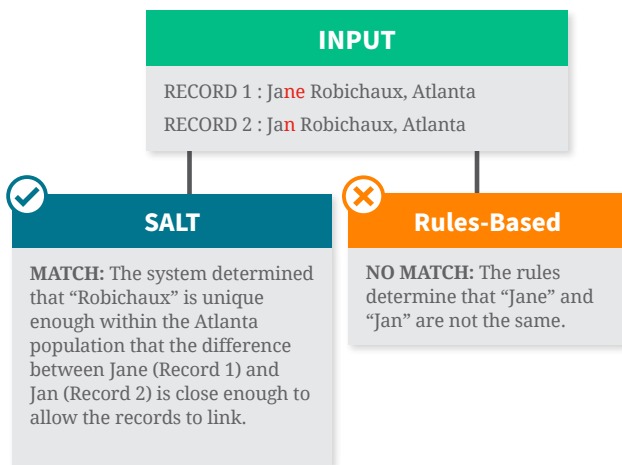
LexID®

The LexID® number is a non-SSN and non-FEIN-dependent identifier. This significantly mitigates the risk of exposing consumers' personal information.
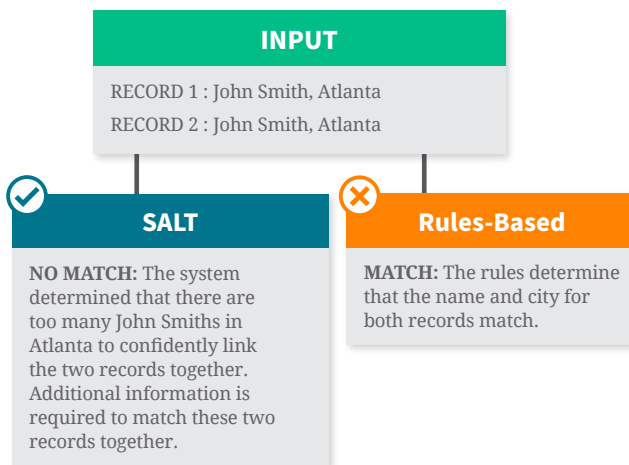
SALT vs. Rules-Based Linking

1 SALT sufficiently explores all credible matches

INPUT
RECORD 1 : Jane Robichaux, Atlanta
RECORD 2 : Jan Robichaux, Atlanta

SALT

MATCH: The system determined that "Robichaux" is unique enough within the Atlanta population that the difference between Jane (Record 1) and Jan (Record 2) is close enough to allow the records to link.

Rules-Based

NO MATCH: The rules determine that "Jane" and "Jan" are not the same.

2 SALT effectively minimizes false matches

INPUT
RECORD 1 : John Smith, Atlanta
RECORD 2 : John Smith, Atlanta

SALT

NO MATCH: The system determined that there are too many John Smiths in Atlanta to confidently link the two records together. Additional information is required to match these two records together.

Rules-Based

MATCH: The rules determine that the name and city for both records match.

LexID: An alternative, unique identifier for reliable validation

A LexID is a unique, dynamic and comprehensive identifier of an individual. Whether they are being used for proactive investigations or for verifying identity information being purported, the LexID is an extremely reliable baseline source of identity data associated with and linked to specific individuals.

How LexID and SALT can help:

- Create a more complete and accurate view of individuals and businesses by linking together records and therefore deriving attributes from disparate databases.

- Reveal and categorize relationships between individuals and entities that are hidden or not obvious.

- Identify and resolve linking discrepancies due to phonetics or string distance.

- Scrub internal government datasets to remove redundancies and identify duplicate records.

- Reduce costs by eliminating the processing and storing of redundant information.

Here's why no other data provider can compare to LexisNexis:

- LexisNexis maintains more data than anyone else in the industry — over 109 billion public and proprietary records from 10,000+ sources.
- LexisNexis can instantly verify and connect more than 290 million U.S. identities and 42 million business identities using our proprietary linking methods.
- The scope of the LexisNexis data footprint combined with our proprietary linking capabilities offers tremendous insights into both normal and suspicious identity activity.

For more information, call 800.869.0751 or visit
risk.lexisnexis.com/products/lexid-and-salt-for-government

Scan for
Information

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Government

About LexisNexis® Risk Solutions

LexisNexis® Risk Solutions harnesses the power of data, sophisticated analytics platforms and technology solutions to provide insights that help businesses across multiple industries and governmental entities reduce risk and improve decisions to benefit people around the globe. Headquartered in metro Atlanta, Georgia, we have offices throughout the world and are part of RELX (LSE: REL/NYSE: RELX), a global provider of information-based analytics and decision tools for professional and business customers. For more information, please visit www.risk.lexisnexis.com and www.relx.com.