



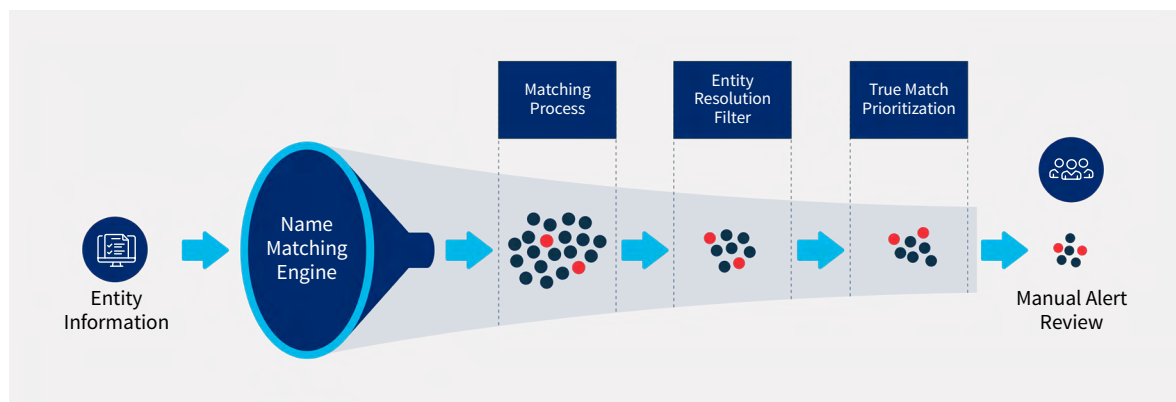
LexisNexis® Firco™ Entity Resolution Filter

Enhance the accuracy and efficiency of sanctions, PEP and adverse media screening







Leverage cutting-edge entity resolution technology combined with detailed, data-driven risk scoring to minimize false positive alerts effectively.

Integrated into several LexisNexis® Risk Solutions products, the Firco™ Entity Resolution Filter enables explainable, efficient and adaptable entity screening.

The Firco Entity Resolution Filter reduces time wasted on false positives and manual reviews with smart filtering that prioritizes real exposure, helping compliance teams act faster on critical threats.



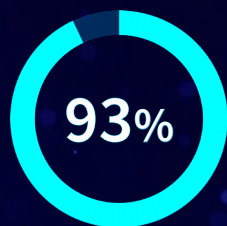
Matches are categorized to automatically resolve false positives and escalate likely true match alerts by scoring their likelihood. It utilizes a selection of data-driven scoring categories (e.g., name similarity, date of birth, location) to reduce false positives and help prioritize high-exposure alerts effectively.

							
NFQ	MIN/MNI	DOB	LOC	QAL	IDM	BP	ADD
Name Frequency Score	Middle Name/Initial	Date of Birth	Location	Quality	Identity Match	Burden of Proof	Additional Evidence

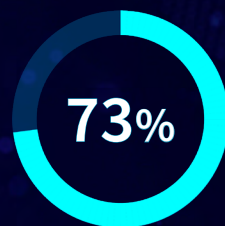
The **Firco Entity Resolution Filter** will calculate the match Strength Index (“SI”) score, resulting in Firco Entity Resolution Filter guidance on the likelihood of a match—whether it’s likely a false positive, requires review, or is likely a true match—creating operational efficiencies in an analyst’s review process. Additionally, configurations are available to automate the handling of false positives based on the SI score.



Detect more. Review less:



Reduction in false positives*



Reduction in alerts needing manual review*



Use Cases

Watchlist Management: Enhances the accuracy of compliance checks by resolving incomplete or inconsistent data, helping compliance teams focus on actionable alerts and reduce manual review time.

Data Integration: Ensures consistent entity identification across multiple datasets, improving the accuracy of compliance checks when data from various systems is integrated.

Sanctions & PEP Screening: Provides guidance on likely true matches, false positives, and matches that require review, enabling compliance teams to focus on critical alerts and reduce unnecessary review time.



Problems Addressed

High Alert Volume: The Firco Entity Resolution Filter helps manage high volumes of alerts and, when configured to automatically close likely false positives, can dramatically reduce the number of alerts requiring review.

Poor Data Quality: Supports the identification and resolution of incomplete, inconsistent, or low-quality data across systems, helping improve match accuracy for compliance checks.

Complex Compliance Requirements: Provides an explainable and configurable model with machine learning validation for enhanced transparency in match decision-making.



Results Delivered

Reduced Compliance Workload: Compliance teams can focus on true risks, boosting productivity with fewer false positives.

Improved Risk Detection: High-risk matches are surfaced immediately, allowing for faster and more effective responses.

Increased Operational Efficiency: Prioritizes high-quality matches, streamlining investigative workflows.

Lower operational costs: Save time and resources by minimizing unnecessary alerts and focusing on what truly matters.



Who Can Benefit?

Financial Institutions: Banks and financial services companies managing sanctions, PEP and adverse media screening.

Insurance Companies: Organizations needing to screen customers exposure associated with regulatory compliance.

Compliance & Risk Management Teams: Organizations dealing with large datasets and complex regulatory environments requiring efficient risk detection.

Large Corporations: Enterprises across various industries that need to manage compliance risk and ensure accurate entity screening in complex global operations.

eCommerce Clients: Online platforms and retailers with record counts needing robust screening solutions for fraud prevention, identity verification and regulatory compliance in the digital space.



What Makes Firco Entity Resolution Filter Different?

Adaptive Scoring Model: Firco Entity Resolution Filter uses an innovative feature-based scoring approach that is hand-tuned and validated for accuracy, ensuring effective risk prioritization.

Proven Operational Efficiency: Reduces false positives and focuses compliance efforts on high-risk matches, maximizing resource use and reducing costs.

Transparent & Auditable: Unlike other 'black-box' AI solutions, Entity Resolution Filter is fully explainable and regulatory-compliant, ensuring every match decision can be justified with confidence.

Integration Across Solutions: Integrated into multiple LexisNexis® Risk Solutions products, leveraging industry-leading datasets. Speak with your account manager for the full list of products the Firco Entity Resolution Filter features in.

Contact your LexisNexis® Risk Solutions representative today to find out more, or [click here](#) for more information.



About LexisNexis® Risk Solutions

LexisNexis® Risk Solutions harnesses the power of data and advanced analytics to provide insights that help businesses and governmental entities reduce risk and improve decisions to benefit people around the globe. We provide data and technology solutions for a wide range of industries including insurance, financial services, healthcare and government. 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.

Our solutions assist organizations with preventing financial crime, achieving regulatory compliance, mitigating business risk, improving operational efficiencies and enhancing profitability. This document is for informational purposes only and does not guarantee the functionality or features of any LexisNexis Risk Solutions products identified. LexisNexis Risk Solutions does not represent nor warrant that this document is complete or error free.

LexisNexis and the Knowledge Burst logo are registered trademarks of RELX Inc. Firco is a trademark of Fircosoft. Other products and services may be trademarks or registered trademarks of their respective companies. Copyright © 2025 LexisNexis Risk Solutions. NXR16930-00-0425-EN-US