# LoanSafe® Risk Manager Suite

## Marketing Leading Data, Analytics & Scoring

We have the tools
that enable you
to avoid risk.

## Market-Leading Data, Analytics & Scoring

# LoanSafe® Risk Manager Suite

As residential mortgage fraud continues to evolve and escalate, lenders, servicers and investors need increasingly advanced detection and decision analytics to keep pace. LoanSafe® Risk Manager solution suite delivers the industry-best performance needed through three key advantages:

**Data** – CoreLogic is the U.S. real estate and mortgage data leader. Our immediately accessible data reduces the challenges and errors of rooting out all types of mortgage risk.

**Analytics** – LoanSafe Risk Manager tracks behavioral norms and quickly pinpoints loan application or property anomalies by incorporating innovative econometric modeling of neighborhood-level collateral risk with the patented predictive-analytic models of mortgage fraud thought leader BasePoint Analytics®.

**Precision** – False positives drain resources and can lead to ignoring genuine alerts. Efficiently incorporating pattern-recognition and econometric scores dramatically reduces false positives, while catching significantly more fraud or collateral issues. Alerts, risk indicators and recommended actions are also featured in the LoanSafe Risk Manager Suite, assuring dynamic insight and superior decisioning.
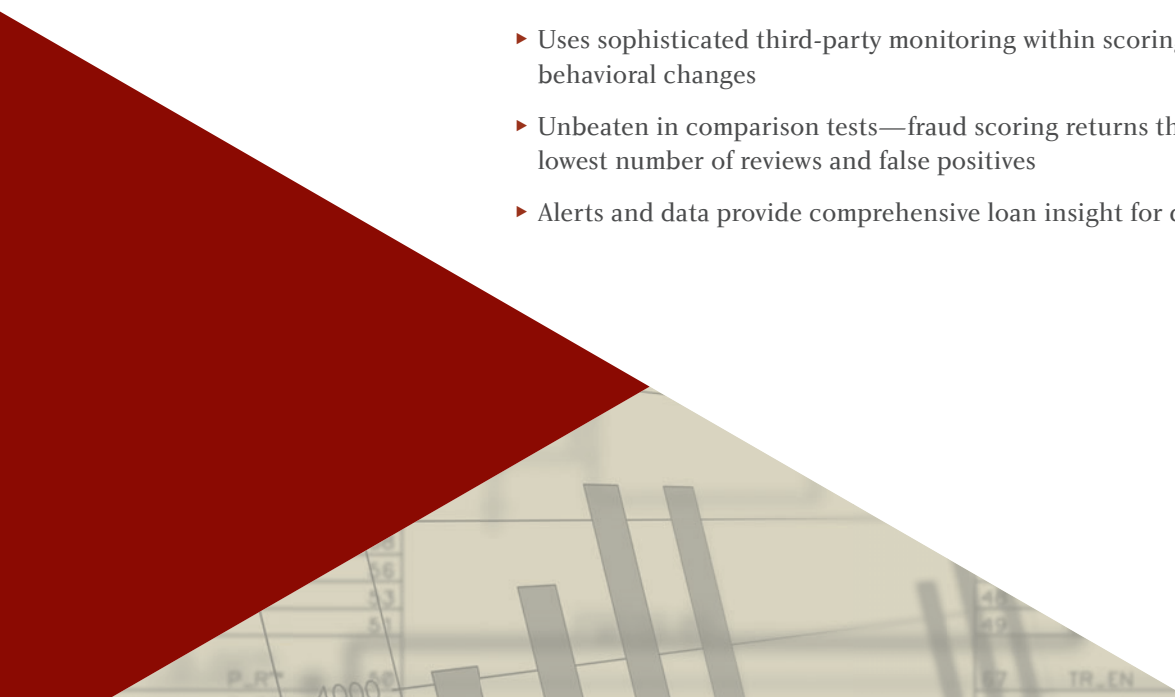
The LoanSafe Risk Manager Suite is composed of two modules—LoanSafe Collateral Manager and LoanSafe Fraud Manager. Working in tandem, these solutions minimize collateral risk and maximize fraud detection—an unbeatable combination that delivers a meaningful and lasting impact on mortgage risk management practices.

## LoanSafe® Collateral Manager

▸ Built on the CoreLogic innovative collateral risk model

▸ Advanced automated valuation/appraisal review process reduces loss and default

▸ Powered by industry-leading automated valuation engine and LoanPerformance HPI

▸ Sophisticated scoring and alerts with detailed reports speed appraisal review

▸ Incorporates one-of-a-kind access to listing information, condo/hotel database, lien release data and more

▸ Includes new risk indicators that provide lift to traditional credit risk models

## LoanSafe® Fraud Manager

▸ Built on the LoanSafe market-leading property risk, undisclosed debt, and multi-lien platform

▸ Employs patented pattern-recognition fraud analytics

▸ Utilizes a consortium of 80 million loans to understand fraud characteristics

▸ Uses sophisticated third-party monitoring within scoring, alerting operations of risky behavioral changes

▸ Unbeaten in comparison tests—fraud scoring returns the highest fraud value with lowest number of reviews and false positives

▸ Alerts and data provide comprehensive loan insight for quick, efficient loan reviews

# LoanSafe® Collateral Manager

The latest advance in automated mortgage collateral risk management, LoanSafe Collateral Manager analyzes property and neighborhood characteristics to estimate each loan's early payment default and loss severity risk.

The proprietary risk management engine evaluates numerous elements, including multiple relationships and comparisons between key collateral metrics: property characteristics, pricing and appraisal attributes, geographic conditions, and others. In addition, LoanSafe Collateral Manager references foreclosure and volatility models to ensure the most accurate risk picture possible.

LoanSafe Collateral Manager combines sophisticated risk scoring with supporting data and proprietary map technology, enabling you to:

- ▶ Create prefunding appraisal review workflows

- ▶ Improve appraisal quality

- ▶ Maximize efficient use of automated and human-based appraisal tools

- ▶ Reduce early payment defaults and associated losses

- ▶ Detect and stratify risk within existing portfolios

- ▶ Add nontraditional collateral risk indicators to internal credit and fraud models

LoanSafe Collateral Manager draws from the nation's largest database of mortgage loan and homeownership information. Colorful, at-a-glance graphic risk indicators, straightforward alerts with explanations, and action steps customized to your policies make it easy to learn and use. The intuitive dashboard displays alerts by type and severity for each issue uncovered, with hot links to the relevant report section for easy review. As a hosted solution, LoanSafe Collateral Manager enables quick and thorough portfolio analysis through batch or XML uploads.

LoanSafe Collateral Manager assists with risk prevention, protecting against future losses and buybacks by verifying each loan before funding.

# LoanSafe® Fraud Manager

LoanSafe Fraud Manager uses patented predictive-analytics scoring technology to identify suspicious mortgage loans, enabling you to quickly estimate each loan's fraud risk.

LoanSafe Fraud Manager enables you to:

- ▶ Cost effectively score loan applications prior to approval

- ▶ Improve productivity by utilizing rank-ordered fraud scores to drive underwriting processes, saving time and review expense by zeroing in on high fraud risk

- ▶ Leverage the vast CoreLogic proprietary and consortium fraud, property, ownership and mortgage loan databases

- ▶ Improve loan performance and quality by driving down fraud-related losses

- ▶ Reduce early payment default

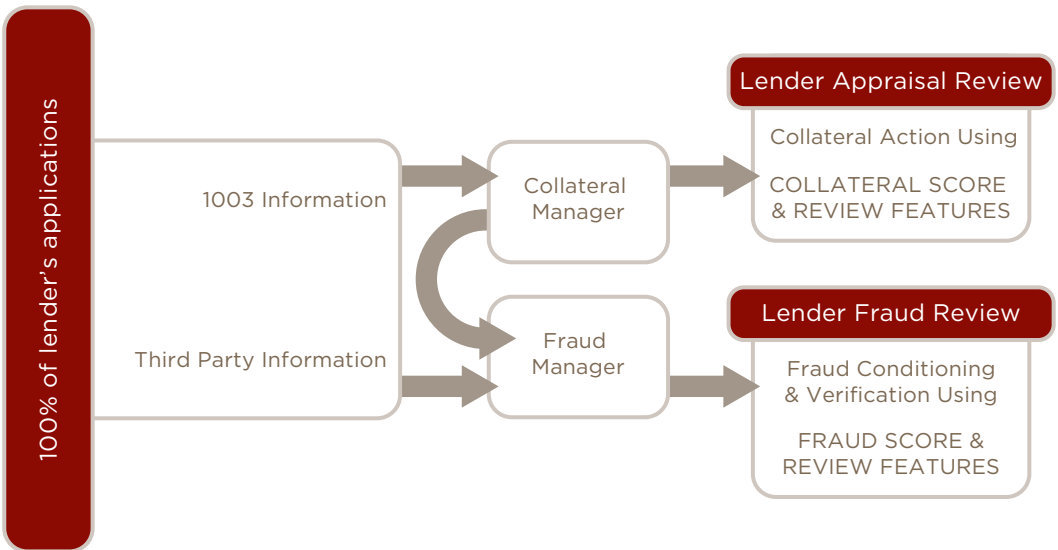- ▶ Complement credit and compliance review tools

LoanSafe Fraud Manager detects fraud based on historical patterns of fraudulent and legitimate loans. The solution draws on the widest array of proprietary and consortium data, creating and applying fraud risk patterns to determine the likelihood a loan may result in a fraud-driven loss.

Using loan application and CoreLogic data, LoanSafe Fraud Manager enables you to decrease fraud risk in your loan pipeline by automatically assessing risk at the application stage. Simply upload loan files via secure FTP and receive a fraud risk score within seconds. We also return a comprehensive loan report that details the fraud risk score, along with top indicators and reasons, rank ordered from highest to lowest on a 999 to 1 scale.

LoanSafe Fraud Manager is the only mortgage industry solution that applies the analytic advancements credit card companies have used to reduce fraud losses by nearly 70 percent.
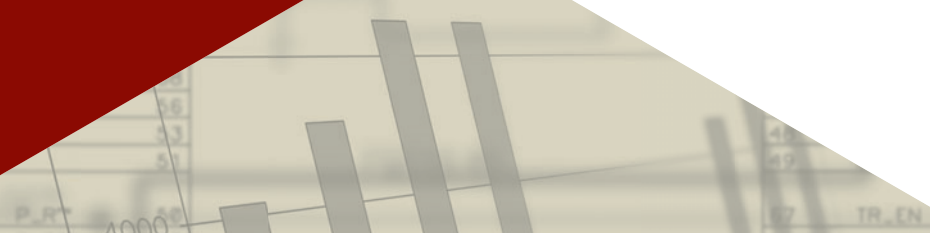
**LoanSafe Risk Manager** combines the power of **LoanSafe Collateral Manager** and **LoanSafe Fraud Manager** to create the industry's most comprehensive mortgage risk management solution.

100% of lender's applications

1003 Information

Third Party Information

Collateral Manager

Fraud Manager

**Lender Appraisal Review**

Collateral Action Using

COLLATERAL SCORE & REVIEW FEATURES

**Lender Fraud Review**

Fraud Conditioning & Verification Using

FRAUD SCORE & REVIEW FEATURES

## LoanSafe Risk Manager Suite supports:

▸ Originators and lenders

▸ Mortgage investors

▸ Mortgage and bond insurers

▸ Credit advisory services and rating agencies

▸ Servicers

▸ Government agencies

▸ Regulators

# CoreLogic

**The mortgage industry's fraud prevention leader**

CoreLogic (NYSE: CLGX), is the largest provider in the U.S. of real estate, property, ownership, fraud, mortgage and mortgage securities data—and the advanced analytics that use them—for the assessment of real estate sales, collateral valuation, home price trends, mortgage originations, mortgage- and asset-based securities pricing, foreclosures, delinquencies and asset dispositions. Our market-specific data covers 98 percent of all U.S. ZIP codes and 3,085 counties in all 50 states and the District of Columbia, representing more than 99.7 percent of the U.S. population, 97 percent of all properties (145 million), more than 50 million active mortgages and 96 percent of loan-level, non-agency mortgage securities. CoreLogic's products and services enable customers to manage credit and mortgage risk, protect against fraud, acquire and retain customers, mitigate loss, decrease mortgage-transaction cycle times, value properties accurately, determine real estate trends and project future market performance.

**CoreLogic**®

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