Mortgage Fraud

Tackling Mortgage Fraud at Scale With AI

Mortgage fraud hit historic highs in Q2 2021[1] and shows no signs of slowing down. Behind this drive is the low-risk, high reward nature of the crime, with median losses topping over $1 Million, and with the top 28% of losses well in excess of $3.5 Million.[2] Digital lenders who operate high-volume, low-friction customer experiences are particularly vulnerable to manipulation and attack as they sometimes never meet their customers and or see the properties they are lending against — whether they even exist. Everything is handled remotely and via documentation.

At the core of the problem is an industrial provision of fake, synthetic, and stolen identities and property documentation.

These exist through forged digital documents impossible to detect with the human eye, and bot-controlled behaviors that escape notice. This endless supply of forgeries lets fraudsters flood digital channels, iterate on their attacks quickly to find new ways of getting past checks, and automate winning tactics to scale up their attacks.

Because each new tactic is by definition unknown, Resistant AI submits every single customer interaction — their documentation and their behaviors — to a level of forensic analysis impossible for humans, filtering out fake IDs and bots, and eliminating new attacks before they can scale.

Mortgage Fraud in Numbers [3]

>$1M median **loss to fraud**

$4.40 cost of Fraud for **every $1 lost**

52% **fraud attempts are successful** on digital lenders

131% **increase in ID fraud** at account creation since 2019

1 in 4 transactions are **bot attacks**

How Resistant AI Stops Mortgage Fraud

Document forgery detection
Each submitted document is analyzed over 550 different ways to catch signs of forgery — even on documents never seen before — and given a clear, explainable verdict.

Serial forgery detection
All documents are compared to detect forgery patterns, uncover common templates behind industrially produced forgeries, and highlight identity reuse across different lenders.

Serial onboarding detection
Any available behavioral data — from device intelligence to service usage patterns and more — is used to detect bulk account creation, stolen identities, bots, and account takeovers.

Authenticity as a Service
Authentic documents and behaviors get modeled as they get processed — quickly and economically with very little input — to enable automated approval, decline, or escalation workflows.

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[1] CoreLogic's Q2 2021 National Mortgage Application Fraud Risk Index

[2] United States Sentencing Commission 2020 Mortgage Fraud Offenses Quick Facts

[3] Lexis-Nexis real Cost of Fraud 2020 & 2021 reports, United States Sentencing Commission 2020 Mortgage Fraud Offenses Quick Facts

Get in touch and request a demo now

Make Your Underwriting and Claims Resistant

Predict, detect, and deter mortgage fraud

- Detect income and appraisal fraud, employment misrepresentation, and forged asset documentation
- Catch straw buyers

Stop all variants of ID fraud

- Catch stolen or synthetic IDs, bots, account takeovers, and more
- Detect forgeries in ID cards, payslips, accounts statements, utility bills

Augment your existing checks with new smarts

- Enrich your existing systems rather than replace them
- Get risk assessors and investigators to conclusions faster and with more confidence

Let good in, keep bad out

- Speed up approvals and automate declines
- Uncover new and unknown threats before they scale

The Resistant Mortgage Impact

Some of our customers have seen:

3 secs time spent on **first line document assessment**

93% of documents **safely skip straight to underwriting assessment**

52% reduction in case review time, for **>1600 hours saved annually**

$1.5M in fraud savings monthly

Get in touch and request a demo now