

CASE STUDY

# The Evolution of Fraud

## Why Static Rules Fail Against Smart Criminals

Blanc Research

November 2025



# | The Old Guard: Traditional Safeguards

## Trap Questions

"Select option 2" or simple logic checks.

## Speed Filters

Removing any sub-6-minute completions.

## Duplicate Checks

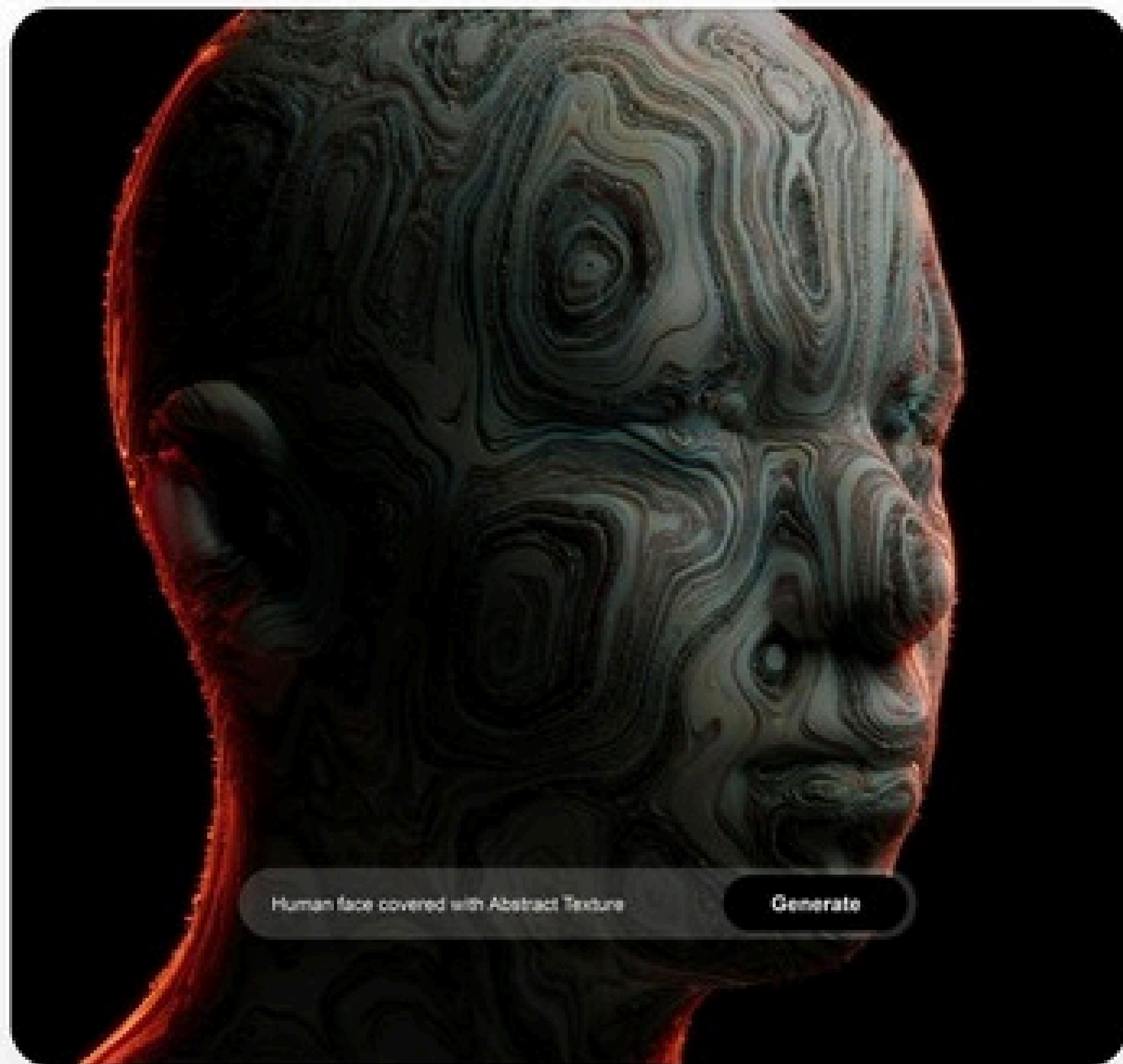
Basic IP and email cross-referencing.

## Basic Attention Grids

Simple matrix questions to catch straight-lining.



# | How Fraud Evolved Faster



## Trap Memorization

Farms share databases of common traps.

**95% pass rate**

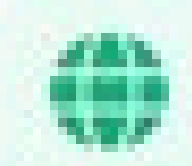
for standard checks.

## Perfect Pacing

Bots now simulate human pauses and variable typing speeds. Indistinguishable from fast readers.

▲ Static rules are no longer sufficient against these adaptive methods.

# | The Gap Keeps Growing



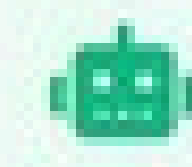
## VPN Rotation

Bypasses IP checks by proxying from 50+ different cities.



## Burner Emails

Cost pennies. Unique email per panel registration.



## AI Rephrasing

Generative AI rephrases duplicates to bypass semantic spam filters.

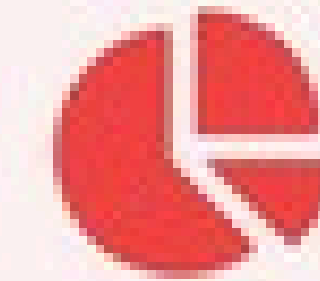


## Panel Rotation

Fragments identity across multiple vendors to avoid detection.

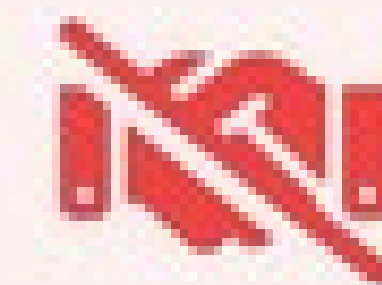


# | The Real Damage: Polluted Insights



## Fake Segments

30% fraud = 30% wasted budget + entirely misled strategy.



## Lost Trust

Campaigns fail, and leadership blames the research quality.

# | Modern Defense: Adaptive Layers

## Identity Verification

Locks profiles across time to prevent recycling.

## Behavioral ML

Analyzes mouse entropy, scroll patterns, and hesitation.

## Cross-Panel Blacklists

Catch rotators jumping between different vendors.

## Semantic Scoring

Detects AI-generated prose and non-human patterns.



# Static Rules Die. Adaptive Systems Win.

Blanc Shield evolves with fraud—staying one step ahead.

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