



# PROACTIVE FRAUD PREVENTION FOR A TIER-1 BFS INSTITUTION

Google

4.0 ★★★★★☆

Clutch

4.9 ★★★★★☆

glassdoor

4.5 ★★★★★☆

Countries we operate from



# PROBLEM STATEMENT



A leading full-service bank operating in retail, SME, and digital banking segments experienced growing fraud risk across its operations, driven by:

Inconsistent reporting increases regulatory risks.

Rule-based engines create high false positives.

Manual fraud detection causes financial losses.

Alert systems operate in silos.





INT. developed and deployed a real-time, cross-channel **Fraud Detection & Prevention Platform powered by AI**, graph intelligence, and compliance-ready workflows.

- ✓ **Anomaly Detection:** Use real-time scoring with baselines, fingerprints, and profiles to spot unusual activities.
- ✓ **Link Analysis:** Map shared devices and patterns across accounts for better security insights.
- ✓ **Event Correlation:** Combine signals from various sources for a full transaction analysis.
- ✓ **Risk Scoring:** Update scores based on transaction speed, spending habits, and anomalies.
- ✓ **Alerting & Management:** Set up workflows triggered by scores, with SLAs and notes for case handling.



# 6-Step Applied Process

01

## **Risk Surface Mapping :**

Identified fraud vectors across cards, accounts, UPI, lending, onboarding, and digital wallets.

02

## **Data Lake Formation:**

Created a centralized risk lake using transaction, customer, device, and behavioral logs from 20+ systems.

03

## **Model Training & Tuning:**

Deployed supervised and unsupervised learning models to detect outliers, velocity abuse, and layered fraud.

04

## **Unified Case Engine Deployment:**

Set up real-time alerts with priority scoring and multi-role review workflows (fraud ops, RM, compliance).

05

## **Compliance Alignment:**

Embedded logic for AML, FATCA, and STR/CTR reporting under RBI and FIU-IND guidelines.

06

## **Governance & Monitoring:**

Launched dashboards for management reporting, false positive rate tuning, and rule optimization analytics.



**78%**

**faster detection-to-resolution time**  
for confirmed fraud cases

**4x**

**improvement in suspicious pattern**  
identification across onboarding and  
transaction fraud

**51%**

**reduction in financial losses** due to  
proactive interdiction and risk  
scoring

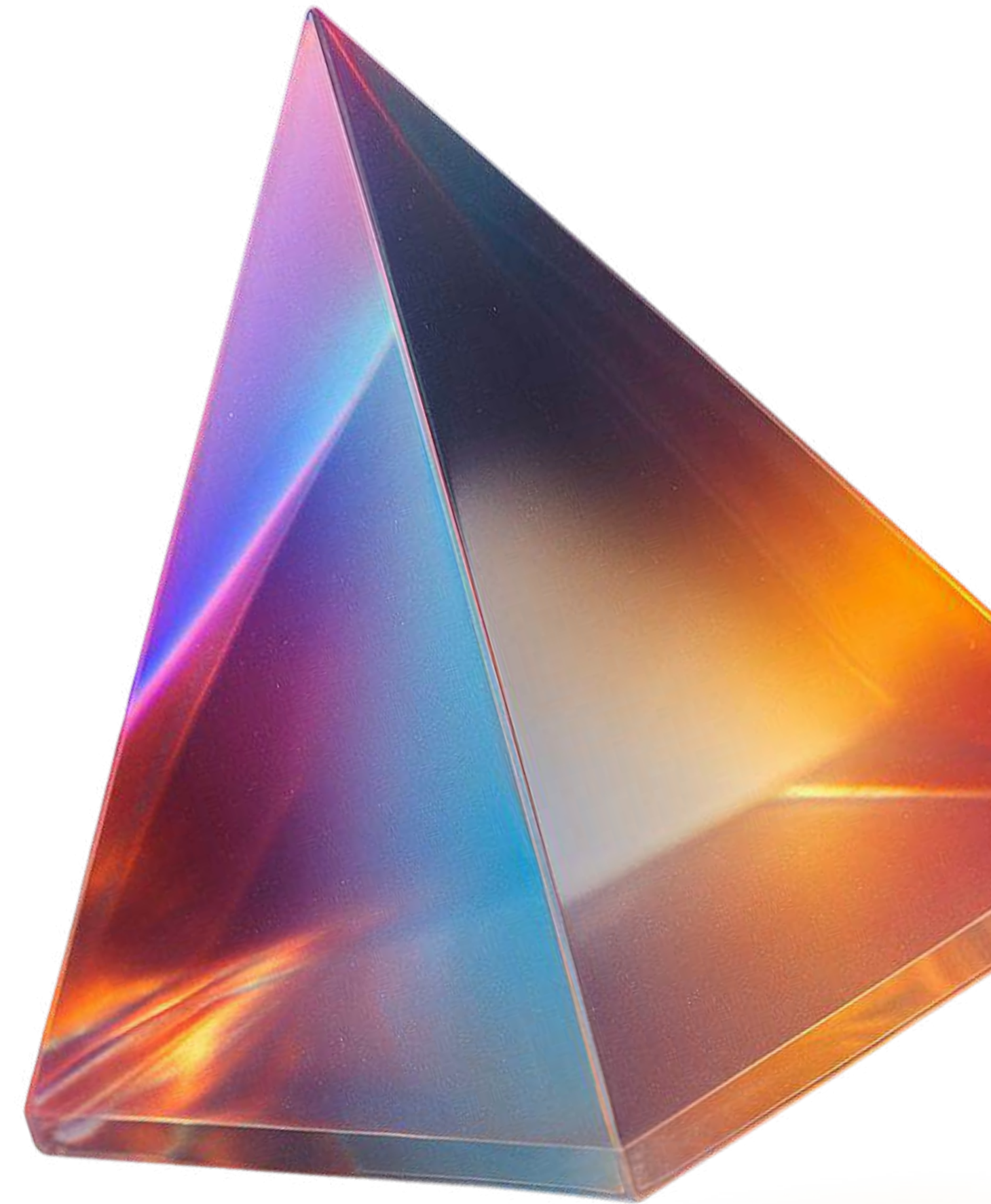
**72%**

**automated STR/CTR filing** integrated  
with internal audit and regulator-ready  
logs

**89%**

**drop in false positives** with behavior-  
based ML model tuning

**Full enterprise visibility** into  
fraud trends across digital,  
physical, and assisted  
channels







Let's Help You

# Delight Your Customers - The easiest way to achieve growth



info@intglobal.com



intglobal.com

**27+** Years

**1000+** Professionals

**45+** Countries

**30+** Awards

INT. (Indus Net Technologies) is an award-winning full-stack software engineering solutions company with a pioneering legacy spanning 27 years, over 500 clients, and 11,000 plus client projects. INT. operates at the confluence of Data, technology, and marketing in the digital space.

