

Fraud Case Report — Ca16c1cd80a10
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Transaction

- txn_id: T481908039
- user_id: U1003 (grade=C)
- type: purchase
- status: chargeback
- amount: 3049.86 USD
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: US (home=ZA)
- device_id: D64557
- ip_address: 10.0.3.236

Decision

- Decision: **BLOCK**
- Recommended action: High-confidence fraud: CNP + geo mismatch + velocity

Evidence

- Risk level: CRITICAL (score=123)
- Reasons: Lower customer grade: C, Card-not-present, Geo mismatch vs home, Fraud-confirming status
- User avg amount (last 80): 554.4
- Velocity proxy (15): 15
- User status counts: {'chargeback': 8, 'approved': 82, 'reversed': 6, 'declined': 24}
- User type counts: {'purchase': 20, 'cash_withdrawal': 11, 'subscription': 14, 'transfer': 61, 'refund': 14}
- IP/device reuse top: [('U1003', 3)]

Rationale

- Risk CRITICAL (score=123).
- Geo mismatch relative to customer profile.
- Amount significantly above customer baseline ($\geq 3x$).
- High velocity behavior consistent with burst activity.
- Chargeback observed (strong fraud confirmation signal).