

Fraud Case Report — C48b82c98c7d1
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Transaction

- txn_id: T939500198
- user_id: U1004 (grade=A)
- type: purchase
- status: chargeback
- amount: 1397.03 EUR
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: ZA (home=AE)
- device_id: D04000
- ip_address: 10.0.4.157

Decision

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

Evidence

- Risk level: CRITICAL (score=110)
- Reasons: Card-not-present, Geo mismatch vs home, Fraud-confirming status seen: chargeback, High avg amount, User avg amount (last 80), Velocity proxy, User status counts, User type counts, IP/device reuse top
- User avg amount (last 80): 814.77
- Velocity proxy (15): 15
- User status counts: {'chargeback': 2, 'approved': 19, 'declined': 3, 'reversed': 1}
- User type counts: {'purchase': 6, 'cash_withdrawal': 8, 'refund': 6, 'transfer': 5}
- IP/device reuse top: [('U1004', 15)]

Rationale

- Risk CRITICAL (score=110).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- IP/device reuse pattern across multiple users is suspicious.
- Chargeback observed (strong fraud confirmation signal).