

Fraud Case Report — C64d59131bfc4
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Transaction

- txn_id: T497915394
- user_id: U1003 (grade=C)
- type: purchase
- status: approved
- amount: 32.54 EUR
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: FR (home=ZA)
- device_id: D03000
- ip_address: 10.0.3.133

Decision

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

Evidence

- Risk level: HIGH (score=63)
- Reasons: Lower customer grade: C, Card-not-present, Geo mismatch vs home, High-risk merchant category
- User avg amount (last 80): 568.17
- Velocity proxy (15): 15
- User status counts: {'approved': 84, 'declined': 24, 'chargeback': 7, 'reversed': 5}
- User type counts: {'purchase': 24, 'transfer': 51, 'cash_withdrawal': 25, 'subscription': 11, 'refund': 9}
- IP/device reuse top: [('U1003', 200)]

Rationale

- Risk HIGH (score=63).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- IP/device reuse pattern across multiple users is suspicious.