Fraud Case Report — C5a6ff0ddb74e
- Created: 2026-01-18T22:38:49.340323+00:00

Transaction
- txn_id: T204824534
- user_id: U1003 (grade=C)
- type: transfer
- status: approved
- amount: 471.72 GBP
- merchant: Grocery (mcc=5411)
- channel: card_not_present
- country: GB (home=ZA)
- device_id: D03000
- ip_address: 10.0.3.46

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

Evidence
- Risk level: HIGH (score=65)
- Reasons: Lower customer grade: C, Card-not-present, Geo mismatch vs home, High-risk transaction typ
- User avg amount (last 80): 569.26
- Velocity proxy (15): 15
- User status counts: {'approved': 86, 'declined': 30, 'reversed': 3, 'chargeback': 1}
- User type counts: {'transfer': 67, 'cash_withdrawal': 10, 'refund': 14, 'purchase': 18, 'subscription': 11}
- IP/device reuse top: [('U1003', 200)]

Rationale
- Risk HIGH (score=65).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.
- IP/device reuse pattern across multiple users is suspicious.