

# Fraud Case Report — Cb528314a7aa5  
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#### ## Transaction

- txn\_id: T524486510
- user\_id: U1002 (grade=B)
- type: purchase
- status: chargeback
- amount: 1462.82 AED
- merchant: Online Electronics (mcc=5411)
- channel: card\_not\_present
- country: US (home=GB)
- device\_id: D02000
- ip\_address: 10.0.2.220

#### ## Decision

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

#### ## Evidence

- Risk level: CRITICAL (score=115)
- 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): 508.15
- Velocity proxy (15): 15
- User status counts: {'chargeback': 4, 'approved': 88, 'reversed': 7, 'declined': 21}
- User type counts: {'purchase': 27, 'refund': 13, 'subscription': 12, 'cash\_withdrawal': 17, 'transfer': 51}
- IP/device reuse top: [('U1002', 200)]

#### ## Rationale

- Risk CRITICAL (score=115).
- 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).