

Fraud Case Report — C51dcc8460288
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Transaction

- txn_id: T598866827
- user_id: U1002 (grade=B)
- type: purchase
- status: chargeback
- amount: 2931.59 AED
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: US (home=GB)
- device_id: D02000
- ip_address: 10.0.2.161

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 amount, Velocity proxy
- User avg amount (last 80): 571.75
- Velocity proxy (15): 15
- User status counts: {'chargeback': 7, 'approved': 89, 'declined': 20, 'reversed': 4}
- User type counts: {'purchase': 29, 'transfer': 44, 'cash_withdrawal': 14, 'refund': 20, 'subscription': 13}
- IP/device reuse top: [('U1002', 200)]

Rationale

- Risk CRITICAL (score=115).
- Geo mismatch relative to customer profile.
- Amount significantly above customer baseline ($\geq 3x$).
- High velocity behavior consistent with burst activity.
- IP/device reuse pattern across multiple users is suspicious.
- Chargeback observed (strong fraud confirmation signal).