

## # Fraud Case Report — C8ab1b81b1a58

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### ## Transaction

- txn\_id: T180784598
- user\_id: U1004 (grade=A)
- type: purchase
- status: chargeback
- amount: 2365.15 GBP
- merchant: Online Electronics (mcc=5411)
- channel: card\_not\_present
- country: DE (home=AE)
- device\_id: D04000
- ip\_address: 10.0.4.130

### ## 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 amount
- User avg amount (last 80): 536.09
- Velocity proxy (15): 15
- User status counts: {'chargeback': 6, 'approved': 93, 'declined': 19, 'reversed': 2}
- User type counts: {'purchase': 25, 'cash\_withdrawal': 22, 'subscription': 16, 'transfer': 41, 'refund': 16}
- IP/device reuse top: [('U1004', 200)]

### ## Rationale

- Risk CRITICAL (score=110).
- 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).