

## # Fraud Case Report — C606c48f4b71c

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### ## Transaction

- txn\_id: T757001890
- user\_id: U1004 (grade=A)
- type: purchase
- status: approved
- amount: 1850.0 GBP
- merchant: Online Electronics (mcc=5411)
- channel: card\_not\_present
- country: FR (home=AE)
- device\_id: D04000
- ip\_address: 10.0.4.162

### ## Decision

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

### ## Evidence

- Risk level: HIGH (score=75)
- Reasons: Card-not-present, Geo mismatch vs home, High amount  $\geq 1000$ , High-risk merchant category
- User avg amount (last 80): 637.44
- Velocity proxy (15): 15
- User status counts: {'approved': 85, 'declined': 28, 'chargeback': 5, 'reversed': 2}
- User type counts: {'purchase': 22, 'refund': 16, 'cash\_withdrawal': 16, 'transfer': 53, 'subscription': 13}
- IP/device reuse top: [('U1004', 118)]

### ## Rationale

- Risk HIGH (score=75).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- IP/device reuse pattern across multiple users is suspicious.