

## # Fraud Case Report — C7f4bfe44db69

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### ## Transaction

- txn\_id: T134885925
- user\_id: U1003 (grade=C)
- type: cash\_withdrawal
- status: approved
- amount: 1607.42 GBP
- merchant: Travel (mcc=4511)
- channel: card\_not\_present
- country: US (home=ZA)
- device\_id: D55527
- ip\_address: 2.140.173.115

### ## Decision

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

### ## Evidence

- Risk level: CRITICAL (score=90)
- Reasons: Lower customer grade: C, Card-not-present, Geo mismatch vs home, High-risk transaction type
- User avg amount (last 80): 555.63
- Velocity proxy (15): 15
- User status counts: {'approved': 91, 'reversed': 8, 'chargeback': 5, 'declined': 16}
- User type counts: {'cash\_withdrawal': 18, 'purchase': 29, 'transfer': 43, 'subscription': 19, 'refund': 11}
- IP/device reuse top: [('U1003', 1)]

### ## Rationale

- Risk CRITICAL (score=90).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.