

Fraud Case Report — Cb8ffb82e387b

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Transaction

- txn_id: T915891642
- user_id: U1001 (grade=A)
- type: cash_withdrawal
- status: reversed
- amount: 3759.19 GBP
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: DE (home=US)
- device_id: D48744
- ip_address: 188.175.93.164

Decision

- Decision: ****BLOCK****
- Recommended action: High-confidence fraud: amount extremely above baseline

Evidence

- Risk level: CRITICAL (score=95)
- Reasons: Card-not-present, Geo mismatch vs home, High-risk transaction type: cash_withdrawal, Suspicious
- User avg amount (last 80): 481.65
- Velocity proxy (15): 15
- User status counts: {'reversed': 4, 'approved': 96, 'declined': 17, 'chargeback': 3}
- User type counts: {'cash_withdrawal': 27, 'transfer': 40, 'subscription': 20, 'purchase': 17, 'refund': 16}
- IP/device reuse top: [('U1001', 1)]

Rationale

- Risk CRITICAL (score=95).
- Geo mismatch relative to customer profile.
- Amount significantly above customer baseline ($\geq 3x$).
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.