

Fraud Case Report — Cefc2d4db4fd2
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Transaction

- txn_id: T843518015
- user_id: U1004 (grade=A)
- type: transfer
- status: approved
- amount: 1344.94 EUR
- merchant: Grocery (mcc=5411)
- channel: card_not_present
- country: GB (home=AE)
- device_id: D04000
- ip_address: 56.58.86.249

Decision

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

Evidence

- Risk level: HIGH (score=77)
- Reasons: Card-not-present, Geo mismatch vs home, High-risk transaction type: transfer, High amount >= 1000
- User avg amount (last 80): 537.4
- Velocity proxy (15): 15
- User status counts: {'approved': 93, 'declined': 17, 'chargeback': 8, 'reversed': 2}
- User type counts: {'transfer': 39, 'refund': 17, 'purchase': 32, 'subscription': 14, 'cash_withdrawal': 18}
- IP/device reuse top: [('U1004', 200)]

Rationale

- Risk HIGH (score=77).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.
- IP/device reuse pattern across multiple users is suspicious.