

Fraud Case Report — Cdc5f8f58a9fd
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Transaction

- txn_id: T819827628
- user_id: U1001 (grade=A)
- type: transfer
- status: approved
- amount: 542.43 EUR
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: AE (home=US)
- device_id: D56553
- ip_address: 10.0.1.138

Decision

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

Evidence

- Risk level: HIGH (score=74)
- Reasons: Card-not-present, Geo mismatch vs home, High-risk transaction type: transfer, Amount \geq 500
- User avg amount (last 80): 546.16
- Velocity proxy (15): 15
- User status counts: {'approved': 91, 'declined': 23, 'reversed': 4, 'chargeback': 2}
- User type counts: {'transfer': 55, 'purchase': 27, 'subscription': 12, 'refund': 14, 'cash_withdrawal': 12}
- IP/device reuse top: [('U1001', 2)]

Rationale

- Risk HIGH (score=74).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.