

Fraud Case Report — Cf73aa1d64c55
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Transaction

- txn_id: T914577679
- user_id: U1003 (grade=C)
- type: cash_withdrawal
- status: approved
- amount: 643.55 USD
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: ZA (home=ZA)
- device_id: D43774
- ip_address: 10.0.3.175

Decision

- Decision: **REVIEW**
- Recommended action: Queue for manual review + step-up verification

Evidence

- Risk level: HIGH (score=62)
- Reasons: Lower customer grade: C, Card-not-present, High-risk transaction type: cash_withdrawal, Amount: 643.55 USD
- User avg amount (last 80): 749.26
- Velocity proxy (15): 15
- User status counts: {'approved': 90, 'declined': 19, 'reversed': 6, 'chargeback': 5}
- User type counts: {'cash_withdrawal': 28, 'refund': 11, 'transfer': 37, 'purchase': 31, 'subscription': 13}
- IP/device reuse top: [('U1003', 17)]

Rationale

- Risk HIGH (score=62).
- 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.