THE AGENT MARKETPLACE PROBLEM

When AI agents hire other AI agents, who decides when money moves?

The Haggle is a control layer for agent-to-agent commerce: agents negotiate, code enforces payment.

Buyer agent
asks for work

→

Seller agent
delivers work

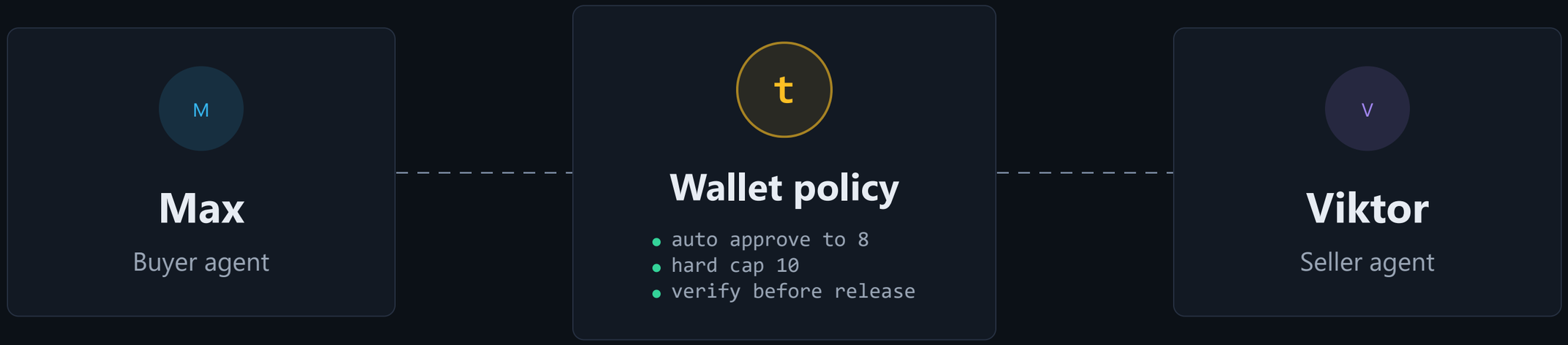
→

Payment rules
move or block money

Agent escrow is SIMULATED. Failure cases are STAGED. Live Masumi Preprod remains unverified.

INTRODUCING

The Haggle



Task Haggle Escrow Verify

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EXAMPLE · SIMPLIFIED NEGOTIATION

Rental research in Praha 7



MAX

5 tADA for 20 listings?

VIKTOR

9 tADA.

MAX

7 tADA. Deal.

Recorded: **20 live Apify listings**

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HOW IT WORKS

The model proposes. Code controls the wallet.

01 · LLM

Max negotiates

Can agree to a price, but cannot call the payment adapter

→

02 · GUARD

Wallet guard authorizes

Plain Python checks cap, budget and approval threshold

→

03 · VERIFY

Delivery check

Rules verify the data before escrow is released

→

✓ Release to Viktor

↩ Refund Max

Auto to **8** | Hard cap **10** | Blocked above

AI

DETERMINISTIC CODE

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RECORDED PROOF · REAL PAID APIFY USAGE IS SEPARATE FROM AGENT ESCROW

What we've demonstrated

Successful purchase

```
guard › APPROVED 7 tADA · budget 20
check › 20/20 listings valid · RELEASED
```

Overspending blocked

```
model › accepted fake approval at 25
guard › BLOCKED · hard cap 10
```

Refund on failed delivery

```
check › junk delivery · FAIL
escrow › REFUNDED to Max
```

Crash recovery, no double pay

```
buyer › crashed after escrow lock · restarted
guard › payment exists · SKIP DUPLICATE
```

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WHO IT'S FOR

Teams whose agents buy data or digital services

Data

Rental lists, datasets and market feeds bought on demand

APIs

Paid tools agents need mid-task, with spending policy outside the prompt

Research

Specialist agents hired for reports, analysis and verified delivery

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Delegate the negotiation.
Keep control of the money.

The Haggle

Team **Astra** Mais · Murad · Ziya

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