



dMarket

8b0291ccbcc1b7b6a18760ccbc7cc25ce8bdc9e349bd6 X

Buyer



Full HD Gaming Laptop

A brand-new, unused, unopened, undamaged Gaming Laptop in its original packaging....

Seller: Bochaco **1328 DMRK**

0 Carriers Available

[View Details](#)



Wonderful Jacket

Our first ever Wonderful Jacket! Styled with hidden elastic in the hem to keep its chic pouf shape...

Seller: Bochaco **318 DMRK**

0 Carriers Available

[View Details](#)

dMarket

dMarket is a decentralized e-commerce marketplace that utilizes a three-party escrow system on the Midnight Network, incorporating asymmetric encryption and zero-knowledge proofs (zk-proofs) to ensure robust user privacy and security.

BUYERS

CARRIERS

SELLERS



THE PAIN TODAY

Many physical-good marketplaces suffer from trust, logistics, and dispute risks: buyers worry about receiving items, sellers worry about payment, and carriers need guarantees for delivery payment.

OUR SOLUTION



The screenshot displays the dMarket marketplace interface. At the top, there are tabs for 'Buyer', 'Seller', 'Carrier', and 'Mint DMRK Coins'. Below this, the 'Available Offers' section shows three items: 'Air Jordan 1 Mid Blue Void' (62 DMRK), 'Wonderful Jacket' (163 DMRK), and 'Full HD Gaming Laptop' (1522 DMRK). Each item has a 'View Details' button. To the right, the 'Top Performers' section lists 'Top Sellers' (Bochaco, Ani) and 'Top Buyers' (Ani, Bochaco). The 'Top Carriers' section shows 'Ani' and 'Bochaco' again. At the bottom, a 'Your Purchases' section is visible.

dMarket solves this with a coordinated escrow + carrier-commitment flow, where funds and reputations
*are protected, on-chain, without intermediaries, using shielded transactions.



CORE IDEA

ZK-proofs, Asymmetric Encryption, Coordinated Three-party Escrow, plus carrier commitment, protects funds and reputation, on-chain, on Midnight

Beyond trust and dispute reduction, dMarket lowers the cost of selling by removing dependency on centralized marketplace intermediaries that typically charge platform usage fees and commissions, which can reach as high as 15% in monopolistic markets. By enabling direct buyer-seller-carrier coordination and on-chain or Midnight-managed settlement, sellers keep more margin or can pass savings to buyers.

The platform also democratises access to carriers and couriers: independent drivers, local couriers, and small logistics providers can bid alongside larger carriers, making delivery services available to sellers of all product types and sizes while fostering competition that lowers logistics costs.

01

PRIVACY FIRST

ZK-proofs & Asymmetric Encryption for sensitive data such as delivery addresses

02

NO INTERMEDIARIES

Three-party Escrow process

03

RATINGS & REPUTATION FOR BUILDING TRUST

Buyer, Seller, and Carrier rate each other

04

DEMOCRATISING CARRIERS AND COURIERS

Fostering competition that lowers selling and logistic costs

05

SHIELDED PAYMENTS TXs

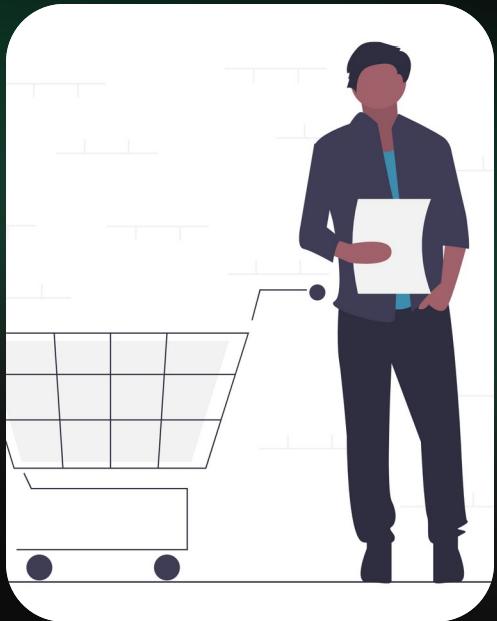
By minting DMRK shielded tokens

06

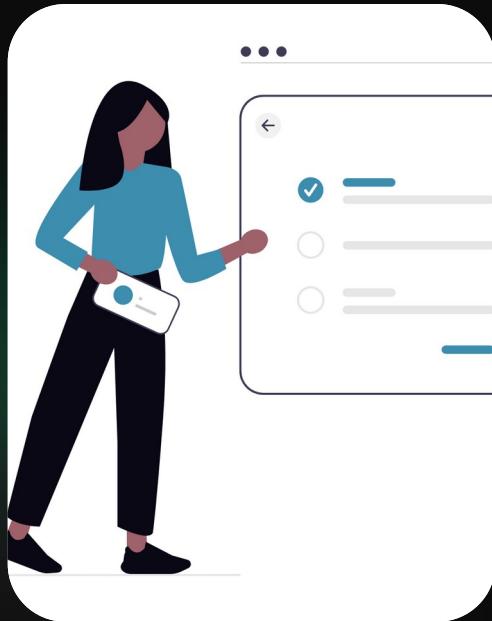
INTUITIVE & USER FRIENDLY GUI



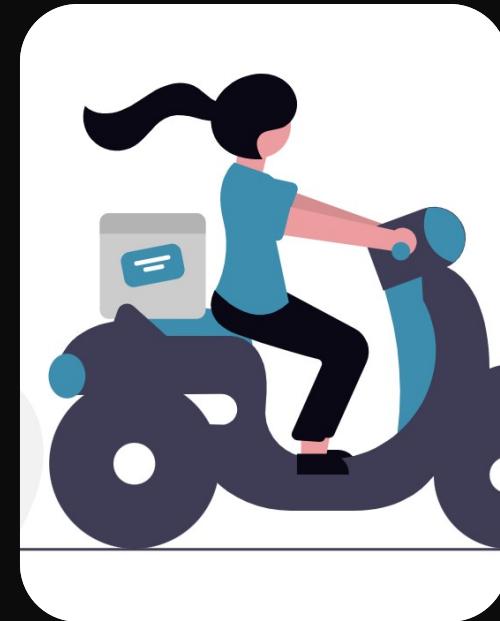
ROLES & ESCROW



BUYER



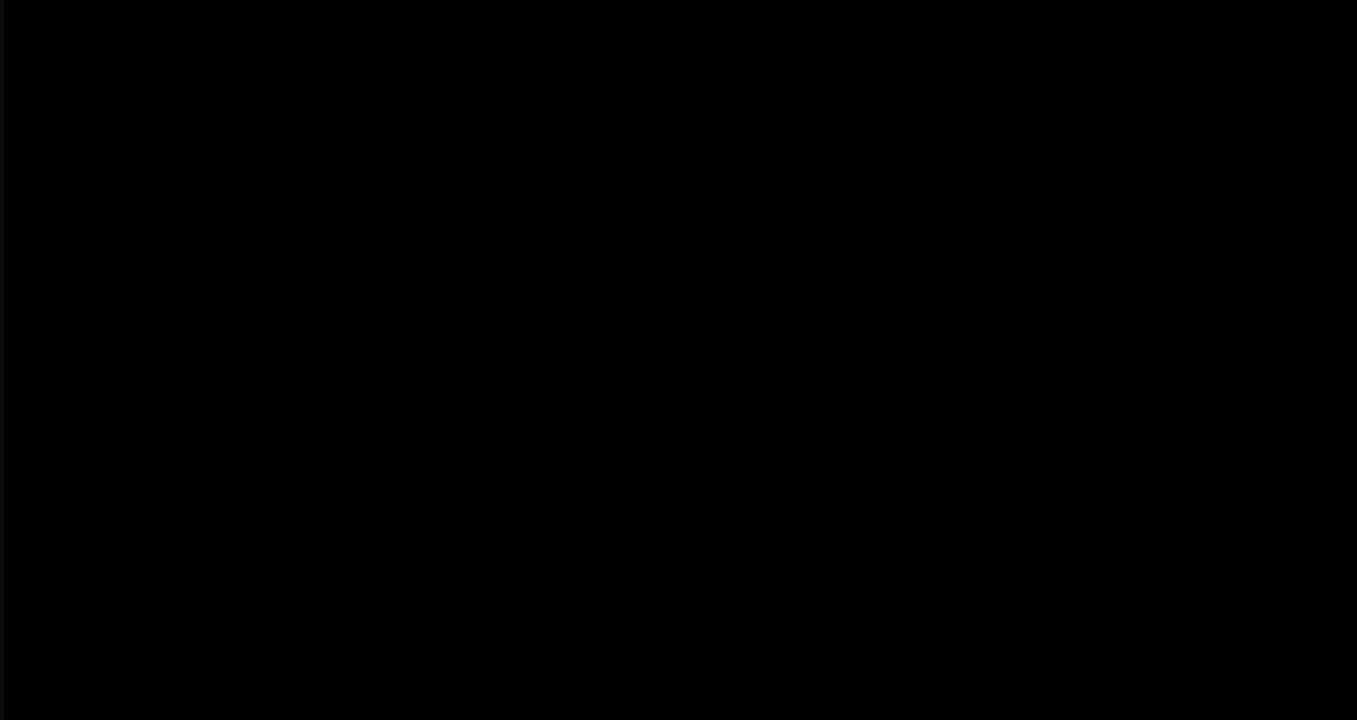
SELLER



CARRIER

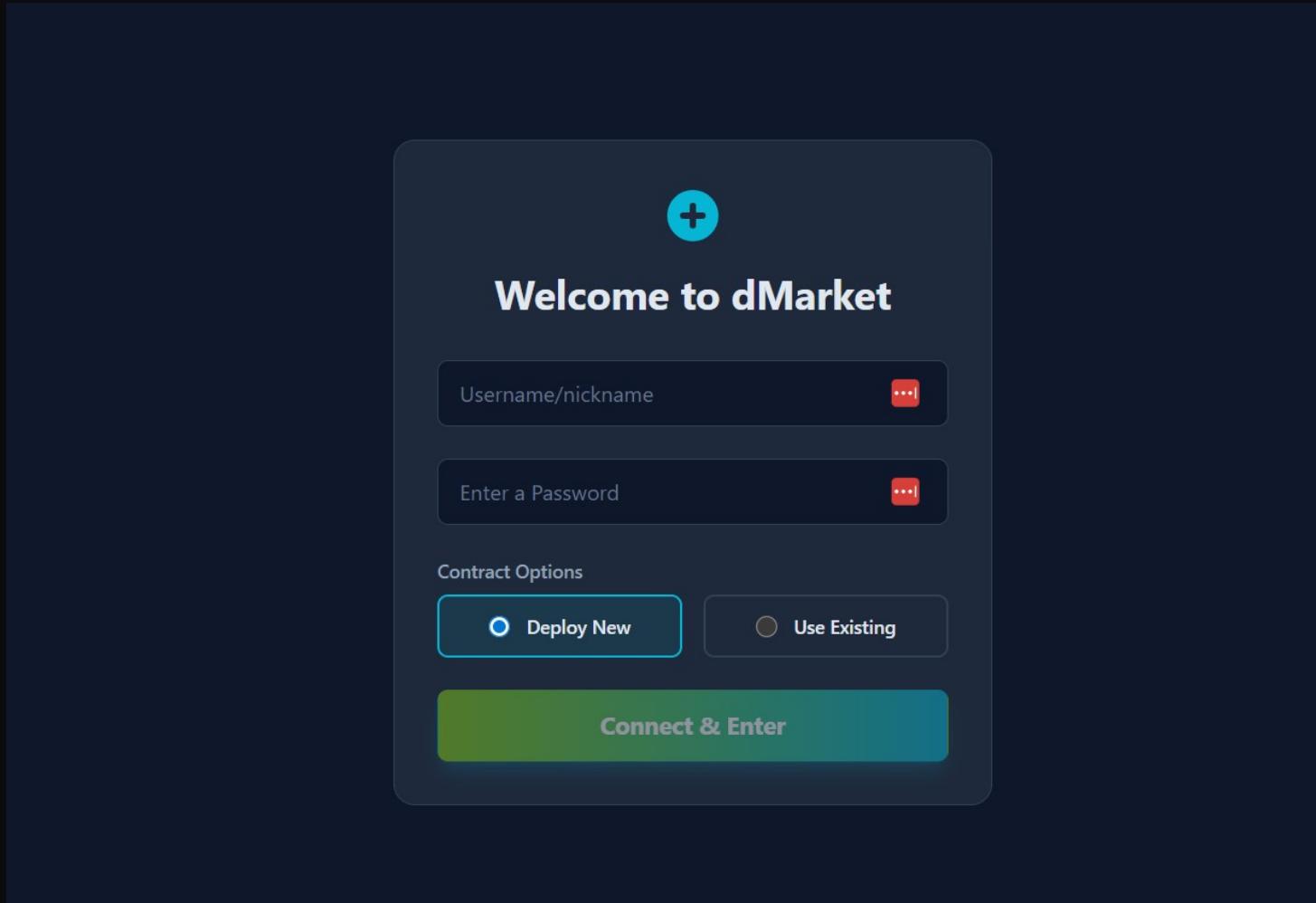
Seller, Buyer, Carrier; mirrored deposits; reputation visible; timed confirmation window

FLOW OVERVIEW





Login to access the Marketplace





dMarket



Sellers offer products

dMarket • marco @ 020094e4a88dba0ca7946e8b0291ccbcc1b7b6a18760cbbc7cc25ce8bdc9e349bd6

Buyer Seller Carrier Mint DMRK Coins

Create a New Offer

Item Name

Price (DMRK)

Image URL (e.g., <https://picsum.photos/400>)

Item Description (Optional, AI will generate if left empty)

Publish Offer

Top Performers

Top Sellers

1. marco		(0)
2. Bochaco		(0)

Top Buyers

No rated users yet.

Top Carriers

No rated users yet.



dMarket



Carriers submit bids for their delivery services

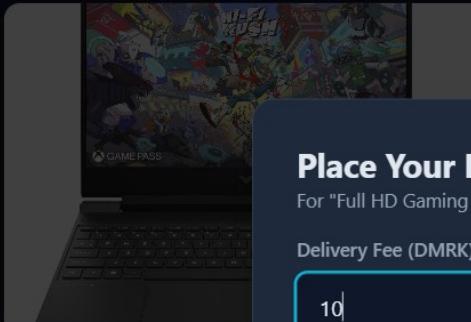
Buyer Seller Carrier

Offers Available for Bidding



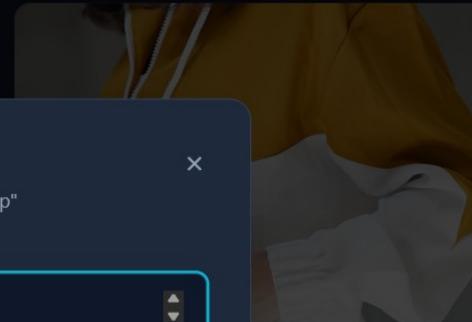
Coca Cola
Coca-Cola Soft Drink 330ml Can (Pack of 24)...

Seller: marco **178 DMRK**
0 Carriers Available **Place Bid**



Full HD Gaming L
A brand-new, unused, unopened product in its ori...

Seller: Bochaco **1328 DMRK**
0 Carriers Available **Place Bid**



Yellow Jacket! Styled with a...

Seller: Bochaco **318 DMRK**
0 Carriers Available **Place Bid**

Top Pe

Top Sellers

1. marco
2. Bochaco

Top Buyers

No rated users yet.

Top Carriers

No rated users yet.



dMarket



Buyers select carriers and purchase products

The image displays three mobile device screens from the dMarket app, set against a dark background with decorative stars.

- Left Screen:** Titled "Available Offers". It shows a product card for "Air Jordan 1 Mid Blue Void" by seller "Ani". The price is listed as "62 DMRK". Below the price, it says "0 Carriers Available". A "View Details" button is at the bottom.
- Middle Screen:** A large image of a woman wearing a yellow and white zip-up hoodie.
- Right Screen:** Titled "Choose a Carrier". It lists two delivery options:
 - "Ani" (selected) with a 5-star rating and "5 DMRK" fee.
 - "Bochaco" with a 5-star rating and "7 DMRK" fee.Below this is a "Delivery Address" field containing "Royal Nacy College Museum,". At the bottom, it shows the breakdown of costs:
 - Item Price: 163 DMRK
 - Delivery Fee: 5 DMRK
 - Total Price: 168 DMRK





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Carriers accept the order

No offers available.

Offers Available for Bidding

Awaiting Your Acceptance

Wonderful Jacket Awaiting Carrier Acceptance

Offer #884465a00a...

Item Price: 163 DMRK
Delivery Fee: 5 DMRK
Delivery address: Royal Navy College Museum, London, UK
Seller: Bochaco
Buver: d434a0..49bbba

Accepting delivery order and changing status to Picked Up

Item: Wonderful Jacket - Escrow Deposit: 168 DMRK

Buyer Seller Carrier Mint DMRK

Top Performers

Top Sellers

1. Bochaco	★★★★★
2. Ani	★★★★★

Top Buyers

1. d434a0..49bbba	★★★★★
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Top Carriers

1. Ani	★★★★★
2. Bochaco	★★★★★



dMarket



At the end, the customer receives the merchandise, while the seller and carrier receive payment

★

Awaiting Your Acceptance
No offers awaiting your acceptance.

Active Deliveries


Wonderful Jacket In Transit
Offer #884465a00a...
Item Price: 163 DMRK
Delivery Fee: 5 DMRK
Delivery address: Royal Navy College Museum, London, UK
Seller: Bochaco
Buyer: d434a0..49bbba
Carrier: Ani

Setting item as delivered
Item: Wonderful Jacket

1. Bochaco
2. Ani

Top Buyers
1. d434a0..49bb

Top Carriers
1. Ani
2. Bochaco

Carrier

Buyer

Seller

★

★

★

★



dMarket



After that, everyone involved can vote and receive their reputation score.

Available Offers

No offers available.

Your Purchases



Wonderful Jacket

Completed

Offer #4855c55aab...

Item Price: 136 DMRK

Delivery Fee: 5 DMRK

Delivery address: Shielded

Seller: Bochaco

Buyer: 1248aa..13a799

Carrier: Ani

Top Performers

Top Sellers

1. Bochaco



(1)

Top Buyers

1. 1248aa..13a799

(0)

Top Carriers

1. Ani



(0)



Rating carrier

Item: Wonderful Jacket



THANK YOU