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BTDP and BOTOKEN Smart Auto V2

Owner-controlled automated trading for token projects on Arc — strategy, vaults and limits in one workspace, paid for with BTDP.

TOKEN
BTDP (BTDP), ERC-20, 18 decimals

NETWORK
Arc Mainnet, chain ID 5042

CONTRACT
`0xA5A38Eee89c8ad9D1BaEF5Bb10632A3DA0718E31`

STATUS
Development preview — live trading is OFF

This edition replaces v1.1 as the description of the product. It describes what is built and tested in the V2 development preview, and marks clearly what is still planned.

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1 Summary

BOTOKEN Smart Auto V2 lets the owner of a token run a careful, rules-based trading bot on the token's own market — buying when the price falls, selling a little when it rises — without handing over control of their funds. It is built for ordinary token holders and project owners, not only for developers.

The owner keeps one **Main Wallet**. Trading happens in **one coordinated group of up to 20 vaults** under limits the owner sets and approves: a per-trade cap, a daily limit, a total session limit, minimum prices and an authorization that expires after at most 7 days. The bot can pause itself, always says why, and stops completely under **Emergency Stop**.

BTDP is the utility payment token of BOTOKEN. Service time is bought with BTDP — 2 days ($5), 7 days ($15) or 30 days ($49) — at a verified quote, as a separate manual purchase. Nothing renews or charges automatically.

2 The problem

Small token projects usually have thin markets: a few hundred dollars of liquidity, long quiet periods and sudden spikes. Keeping such a market healthy by hand means watching charts all day. Common bots make it worse in three ways:

- **Custody:** many bots ask for private keys or full control of the wallet.
- **No limits:** one bad day can drain a whole budget, and large orders move a thin pool far more than expected.
- **No explanation:** the owner cannot see why the bot traded or why it stopped.

BOTOKEN is designed around the opposite principles: the owner keeps the keys, every limit is explicit, and every decision is explained.

3 How BOTOKEN works

Main Wallet
The owner. Signs every approval. Keys never leave the wallet.

Bounded permissions
Budget · scope · expiry (at most 7 days)

One coordinated group
Up to 20 vaults, one overview, shared project limits

Smart Market
Decides BUY, SELL or PAUSE — with the reason

The platform coordinates the vaults: for each opportunity it picks one eligible vault instead of making all vaults trade at once. Every trade must pass the owner's limits and the coordinator's checks, and a trade counts as done only when its on-chain receipt confirms it — a "running" status is never treated as proof of a trade.

4 The five steps

1. **Smart Calculator.** The owner types one amount — USDC or the token. The other amount fills in at today's real pool price so the vaults start balanced, and everything else is set automatically: number of vaults (about 100 USDC each, up to 20), per-trade cap, daily limit, cooldown, duration, gas estimate, the price ladder and the subscription needed. It shows profit and loss per price level, including the pool fee and price impact. Calculating never moves funds or grants permission.
2. **Connect Wallet.** Connecting shows the address and network only. It is not proof of ownership and gives no trading permission. The page shows how much still needs to be funded compared with the calculated plan.
3. **Subscription.** Choose 2, 7 or 30 days. The page shows the BTDP amount for each plan from the live BTDP price; the payment itself uses a verified quote. Payment history is kept.
4. **Trading Vaults.** Each vault's USDC, token balance, state (monitoring, buying, selling, cooldown, idle) and last transaction. Vaults are coordinated by the group; there are no per-vault trading buttons.
5. **Bot Monitor.** Bot status, Smart Market decision, active blockers, vault states and alerts. Every pause shows its reason.

Before anything goes live, a **Review & Approve** screen lists every limit, cost, expiry and blocker, and each owner action (funding, permission, renewal) is signed separately in the owner's wallet.

5 Smart Market strategy

The strategy is "buy low, sell high" with small steps, built for thin pools. Its decision is always **BUY**, **SELL** or **PAUSE**, and a pause always names the reason.

Starting balance (system standard)

The vaults start with USDC and token of equal value. Owners who want to collect tokens can choose *Accumulate* (80% USDC / 20% token); owners who want to reduce tokens can choose *Distribute* (20% USDC / 80% token).

Balance band — Auto (40%–60%)

Each vault aims to hold half its value in the token. If the token share rises above 60% (the price went up), the bot sells back toward 50%; if it falls below 40%, it buys back toward 50%. The band is set automatically. In simulation on the real BTDP pool, 40–60 was as good as any band when the price ladder is on, and the only band that still bought dips and sold pumps on its own.

Price ladder (standard)

PRICE VS. TODAY	ACTION	SIZE PER TRADE
−10% / −20% / −35% / −50%	BUY more and more	25% / 50% / 75% / 100% of the base buy
+15% / +35% / +70% / +150%	SELL more and more	1% / 2% / 3% / 5% of the vault's tokens

The base buy is the smaller of the per-trade cap and the amount that moves the pool price about 1%. On the BTDP pool at Arc block 27,088,557 (about 226 USDC and 1.1 million BTDP of active liquidity) that gives buys of about 0.57 / 1.14 / 1.71 / 2.28 USDC. Owners can switch to a manual ladder or turn it off.

Outside traders

When nobody else is trading, the bot leans slightly toward buying. When many outside traders are buying, it sells more and buys less (selling into the rise). When outside traders are selling, it buys more and sells less (buying from sellers). The shift is limited (at most 10% when quiet, 20% under heavy flow) and BOTOKEN's own trades are not counted.

Built-in protections

- **Daily limit:** recommended at about 13% of the pool's USDC side per day (about 30 USDC on today's pool). In simulation, a long fall or rise cost about 3× more at 100 USDC per day than at 30.
- **Price-move pause:** if the price range over a recent window is too wide, the bot pauses.

- **Thin-pool slicing:** if a trade would move the price too much, its size is halved — up to four times — and re-quoted; if it is still too big, the bot pauses.
- **Price guards:** owner-set minimum buy and sell rates on chain, plus a check against an independent reference price.
- **Unreadable data means PAUSE:** a missing or stale price, pool state or flow reading never leads to a trade.

6 Safety and owner control

- BOTOKEN never asks for a seed phrase or private key. Signatures stay in the owner's wallet.
- Connecting a wallet, calculating or opening a review page never pays, funds, authorizes or starts anything.
- Trading authority is limited by budget, scope and time. An authorization lasts at most 7 days; renewing it needs a new owner signature and does not reset the amounts already used.
- **Emergency Stop** blocks all new orders. A **release lock** keeps live execution paused until a separate, reviewed release decision.
- When a subscription ends, new orders pause. Funds are never sold off automatically.
- If a transaction's outcome is unknown, its amount stays reserved until it is reconciled. A restart never refreshes used allowances.

7 Alerts and monitoring

The platform watches the pool every minute (read-only) and raises alerts in the app, with optional email:

- **Long run:** −20% or +30% in 24 hours with most hours moving the same way — recommendation: pause the ladder (a ladder is for swings, not trends). This alert cannot be muted.
- **Big buy / big sell** by outside traders (at least 10 USDC and 5% of the pool's USDC side).
- **Fast move:** 10% within one hour.
- **Liquidity change:** 10% added or removed; 30% removed is critical.
- **Price feed down** for more than 10 minutes, and back.
- **Bot status:** paused (with the reason), Emergency Stop, recovery needed, running again — and big trades by the bot itself.

Alerts inform; they never press buttons on the owner's behalf.

8 The BTDP token

Name / symbol	BTDP / BTDP
Standard	ERC-20, 18 decimals
Network	Arc Mainnet (chain ID 5042)
Contract	`0xA5A38Eee89c8ad9D1BaEF5Bb10632A3DA0718E31`
Market	BTDP/USDC on Uniswap v4 (Arc)
Use	Payment for BOTOKEN platform services

Any other address using the BTDP name is unofficial. Total supply is shown by the contract on Arc Explorer; this edition does not restate supply or allocation figures.

Subscription plans

PLAN	PRICE (PAID IN BTDP)	PER DAY
2 days	$5	$2.50
7 days	$15	$2.14
30 days	$49	$1.63

The BTDP amount comes from a verified quote at payment time. Each period is a separate manual purchase: no automatic renewal, no automatic charge to the Main Wallet. One subscription covers the whole group of up to 20 vaults. The subscription is kept separate from trading funds and from gas.

9 Costs

- **Subscription** in BTDP (above).
- **Pool fee** on every trade: on the BTDP/USDC pool, 0.30% to liquidity providers plus 0.05% protocol fee (about 0.35%).
- **Price impact:** in a thin pool, bigger trades get worse prices. The calculator includes it, and the bot keeps trades small.
- **Network gas** for each transaction, prepaid. The calculator suggests the estimate plus 25%.

10 Status and roadmap

Current stage — development preview. The V2 app is available behind account sign-in with clearly labelled sample data. It reads the real BTDP pool price from Arc (read-only). Emergency Stop and the release lock are ON: no live trading, no transaction signing, no payments.

1. **Available to explore:** the V2 dashboard, Smart Calculator, wallet, subscription, vault and monitor screens.
2. **Verification work:** network, wallet and contract details are verified before real project data or live readiness is shown.
3. **Separate release decision:** security review, operational approval and explicit owner authorization before any live trading.

Network focus: Arc today. BNB Chain, Ethereum, Base and Robinhood remain on the roadmap.

11 Risks

- Automated trading can lose money. In a long fall or a long rise, a buy-low-sell-high strategy usually ends behind simply holding.
- Thin pools move quickly; liquidity can be added or removed by others at any time.
- Simulations use real pool depth but synthetic markets.
- Token prices, rules and regulations can change.

BOTOKEN does not promise profit or a trading frequency. Use only funds you can afford to lose.

12 Official links and contact

Website: btdp.trade

App: app.btdp.trade

Contract on Arc Explorer: 0xA5A3...8E31

X: @BTDPtoken

Support: support@btdp.trade

This document describes a product in development. It is not an offer to sell or buy any token or security, and not financial, legal or tax advice. BTDP is a utility payment token for BOTOKEN services. Details may change; the app and the on-chain contract are the reference for current figures.

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