Tarzan SwingBot.

Complete User Guide

Your automated crypto trading platform — explained simply.

No jargon. No confusion.

Fully Automated	Powered by VALR	FSCA Licensed

Version 3 · April 2026 · White Label Licensing Available

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A complete walkthrough of Tarzan SwingBot — what it is, how it works, and how to use it.

1. What is Tarzan SwingBot?

Tarzan SwingBot is a fully automated cryptocurrency trading platform. It connects to **VALR** — South Africa's leading FSCA-licensed crypto exchange — and trades on your behalf, 24 hours a day, 7 days a week.

You do not need to watch charts, understand complicated graphs, or make any manual decisions. You set your rules once, switch the bot on, and it does the rest.

> ◆ **The simple version**
> Think of it like hiring a professional trader who never sleeps, never gets emotional, and always follows your instructions exactly. You set the rules. The bot executes them.

What does it trade?

The bot trades four popular cryptocurrencies, all priced in South African Rand (ZAR):

Symbol	Name	What it is
BTC	Bitcoin	The original and most well-known cryptocurrency. Often called digital gold.
ETH	Ethereum	The second biggest crypto. Powers many online applications.
SOL	Solana	A fast, modern blockchain known for low fees and high speed.
XRP	Ripple	Used for fast international money transfers. Very liquid.

How does it make decisions?

The bot uses a dual-indicator strategy combining RSI and EMA crossover signals. You do not need to understand these deeply — just know what they do.

Indicator	What it does
RSI (Relative Strength Index)	Measures whether a coin is being bought too aggressively (overbought) or sold too heavily (oversold). The bot buys when a coin looks oversold.
EMA Crossover (9 & 21)	EMA = Exponential Moving Average — a smoothed trend line. When the short-term trend crosses above the long-term trend, prices may be starting to rise — a good time to buy.

> ◆ **Plain English version**
> The bot looks for moments when a coin has dipped in price but is starting to recover. It buys at that moment, rides the swing upward, and sells automatically at your profit target or stop-loss limit.

2. Demo Mode vs Live Mode

This is the most important concept to understand. Before the bot ever touches real money, it runs in **Demo mode** — a completely safe practice environment.

DEMO MODE	LIVE MODE
Toggle shows green — **default for new users** • Uses real live VALR market prices • Trades are **simulated** — no real money moves • Full activity log works normally • Safe to experiment with settings *Always start here.*	Requires a deliberate settings change • Real orders placed on VALR • Real money moves — cannot happen by accident • Daily loss limit auto-shutdown protection • Requires verified VALR API keys *Only after weeks of Demo success.*

■ Recommended
Run Demo mode for at least **2 to 4 weeks**. Watch the bot make simulated trades. Check if its decisions look sensible across different market conditions. Only switch to Live once you feel confident.

3. The Dashboard — A Visual Tour

When you log in to Tarzan SwingBot, this is what you see. Let us walk through every section.

The top bar

The controls across the top of the screen are your master switches — always visible, no matter where you scroll.

Control	What it does
Logo	Theme-aware Tarzan icon. Adapts colour automatically to light, dark and high-contrast modes.
Theme toggle	Switches between light, dark and high-contrast themes. Your preference is remembered.
Bot running	Master ON/OFF switch. When OFF, the bot does nothing.
Demo / Live	Toggle between simulated trading and real money trading.
Run now	Forces an immediate scan + trade cycle. Useful for testing settings.
Refine bot **(NEW)**	Opens the AI-powered Refinement modal. Suggests data-driven setting improvements based on your closed trade history.

Pair charts

The chart panel shows live price action and indicator signals for every coin in your trading universe.

- **All coins shown:** charts include every supported pair — even ones you've disabled — so you can monitor opportunities you may want to enable later.
- **Tooltips:** hover any data point for a plain-English explanation of what the indicator value means and how the bot interprets it.
- **Drag and drop:** reorder charts by dragging them to your preferred sequence. Your layout is saved automatically.

Open positions table

Column	What it means
Coin	Which cryptocurrency the bot is currently holding.
Entry	The price the bot paid when it bought, in ZAR.
Current	The live market price right now.
P/L	Unrealised profit or loss in ZAR. Green is positive, red is negative.

Column	What it means
Stop-loss	Auto-sell price to limit losses. Set by your Stop-loss % in settings.
Take-profit	Auto-sell price to lock in profit. Set by your Take-profit % in settings.
Close	Emergency manual override to close any open trade immediately.

Trade history table (redesigned)

Every closed trade now appears as a single, complete row showing the full story of the trade — no more separate BUY and SELL rows to interpret manually.

Column	What it shows
Result badge	**WIN** for profitable trades, **LOSS** for losing trades.
Coin	The cryptocurrency symbol and full name.
Invested	Amount spent to open the trade in ZAR (e.g. R 1 000,00).
Entry price	The price the bot bought at, in ZAR.
Exit price	The price the bot sold at, in ZAR.
Result	Profit or loss in ZAR — green for positive (e.g. +R 17,01), red for negative.
Return %	Percentage gain or loss on the invested amount (e.g. +1.70% or -1.09%).
Date	The date and time the trade closed.

◆ Persistent layout

Trade history is **collapsible** and remembers its open/closed state across logins. It is open by default the first time you log in.

Recent emails & bot activity log

Both the recent emails card and the bot activity log are collapsible to save screen space. Their state is remembered across logins — collapse them once and they stay that way until you choose to expand them again.

The activity log is a live scrolling feed of everything the bot does — your window into the bot's brain. Each entry is timestamped so you can see exactly when scans, trades, and exits happen.

Built-in AI assistant

A conversational AI assistant powered by **Claude** is built into the dashboard. It has context on your live trading data — portfolio value, open positions, trade history and win rates — and can answer natural-language questions like:

- "How is my bot performing this week?"
- "Should I tighten my stop-loss?"
- "Which pair has been most profitable?"

Each user gets one assistant conversation per day.

4. What's New in Version 3

Since the previous release, we've shipped a series of improvements focused on visibility, ergonomics and intelligent automation.

◆ Refine Bot engine

After 30+ closed trades, an AI engine analyses your trade history and current settings, then proposes 2–4 data-driven improvements (e.g. tighten stop-loss on underperforming pairs, adjust take-profit). Every suggestion includes the reasoning and requires your explicit approval before anything changes.

◆ Claude-powered assistant

The dashboard AI assistant now runs on Anthropic's Claude model for more accurate, context-aware responses about your portfolio and trading performance.

◆ Redesigned trade history

Each closed trade is now a single row showing Coin, Invested (ZAR), Entry price, Exit price, Result, Return % and close date. A green WIN or red LOSS badge replaces the old Type column.

◆ Charts: all coins always visible

Pair charts now show every supported coin — including disabled ones — so you never miss a market move.

◆ Chart tooltips

Hover any indicator on the chart for a plain-English explanation of what it means and how the bot uses it.

◆ Drag-and-drop chart ordering

Reorder the chart panel by dragging cards. Your layout is saved automatically.

◆ Collapsible panels with memory

Trade history, bot activity log and recent emails are all collapsible. Their open/closed state persists across logins.

◆ Theme-aware logo

The dashboard logo now changes colour based on the active theme (blue in light mode, white in dark mode, yellow in high-contrast).

◆ Locked dark theme on public pages

The marketing site stays in dark mode at all times for a consistent brand presentation.

5. Settings — Your Risk Controls

The settings panel on the right side of the dashboard is where you define how aggressively the bot trades and how much risk it takes on your behalf.

API keys — connecting to VALR

Your VALR API Key and Secret Key are encrypted with AES-256 before being written to the database. They are decrypted server-side *only* when the bot needs to execute a trade, and never exposed to the browser under any circumstances.

> ■ **Security**
> When creating your VALR API key, enable **Read** and **Trade** only. **Never** enable the **Withdraw** permission. This means even in a worst-case scenario, your funds cannot leave VALR.

Risk parameters

Setting	What it controls	Sensible default
Stop-loss %	Maximum loss per trade before auto-sell.	2.0%
Take-profit %	Profit target per trade before auto-sell.	3.0%
Max positions	How many trades may be open simultaneously.	3
Max trade ZAR	Largest single trade size in Rand.	R 1 000
Daily loss limit ZAR	If hit, bot auto-shuts down for the day.	R 500
Enabled pairs	Which coins the bot is allowed to trade.	BTC, ETH

6. Getting Started — Step by Step

Follow these steps in order. Do not skip ahead.

Step 1 — Create and verify your VALR account

- Go to **valr.com** and click Sign Up.
- Enter your email address and create a strong password.
- Enable two-factor authentication (2FA) using the **Authy** app on your phone.
- Complete VALR's identity verification (FICA) — required by South African law.

Step 2 — Fund your VALR account

- Use VALR's instant EFT to deposit ZAR, or send crypto from an existing wallet.
- If sending crypto, copy the deposit address VALR provides.
- Wait 10 to 30 minutes for the blockchain to confirm.

> **■ Critical — network warning**
> If you send crypto on the **wrong network**, your funds can be permanently lost. Always double-check the network. When in doubt, send a small test amount first.

Step 3 — Create your VALR API key

- Log in to VALR → Settings → API Keys → Create new API key.
- Label it **tarzan-swingbot**.
- Enable **Read** and **Trade** only.
- **Important:** do **NOT** enable the **Withdraw** permission.
- Confirm with your Authy 2FA code.
- Copy the API Key and Secret Key — you only see the secret once.

Step 4 — Configure Tarzan SwingBot

- Log in to Tarzan SwingBot at **tarzanswings.com**.
- Paste your VALR API Key and Secret Key into the Settings panel.
- Set your risk parameters (start conservative).
- Click **Save settings** — API Status should turn green.
- Confirm Demo mode is active (green toggle).
- Switch **Bot running** to ON.
- Click **Run now** — watch the activity log for a scan result.

> **✓ What success looks like**
> A green toast notification reading **'Bot cycle complete'**, and a fresh timestamped entry in the activity log. Everything is working.

7. Day-to-Day Routine

Once the bot is running in Demo mode, your job is simply to **observe**. Here is a healthy routine:

Frequency	What to do
Daily	Glance at the dashboard. Check the activity log is updating. Confirm the bot is still ON.
Weekly	Review closed trades. Check win rate and average return. Look at which pairs are performing.
Monthly	Run the Refine Bot engine for AI suggestions. Consider tightening or loosening risk parameters.
Quarterly	Review whether to keep running in Demo or graduate to Live mode.

Healthy bot signals

- Activity log updates at least every 5 minutes during market hours.
- Most scans return *0 signals found* — this is normal.
- API Status indicator stays green.
- Win rate stabilises above 50% over a 30+ trade sample.

8. Jargon Glossary

Every term explained in plain language.

Term	Definition
API Key	A secure password that lets Tarzan SwingBot access your VALR account without knowing your login. Like a key card for a specific door.
Bot	The automated software that scans the market and places trades for you.
Candle	One block of price data covering a fixed period (5 minutes, 1 hour, etc.).
Demo mode	Safe practice environment using real prices but simulated trades.
EMA	Exponential Moving Average — a smoothed line showing the price trend.
Entry price	The price at which a trade was opened.
Exit price	The price at which a trade was closed.
Live mode	Real trading with real money on VALR.
Open position	A trade the bot has bought into and is still holding.
RSI	Relative Strength Index — a 0–100 score showing if a coin is overbought or oversold.
Stop-loss	Auto-sell price to cap losses on a trade.
Take-profit	Auto-sell price to lock in profit on a trade.
Win rate	Percentage of closed trades that ended profitable.
ZAR	South African Rand — the currency all trades are denominated in.

9. Frequently Asked Questions

Starting from the big picture and drilling down into specifics — what Tarzan SwingBot is, how it works, how it was built, how it's secured, and how it fits into the South African legal and tax landscape.

1. What is Tarzan SwingBot?

A fully automated crypto swing trading platform that connects to VALR — South Africa's leading FSCA-licensed exchange — and trades on your behalf 24 hours a day. You set your risk parameters once and the bot handles everything from there. No charts, no manual decisions, no emotional trading.

2. How does the bot actually make trading decisions?

The bot runs a dual-indicator RSI and EMA crossover strategy. RSI (Relative Strength Index) measures whether a coin is oversold or overbought. EMA (Exponential Moving Average) identifies when a short-term trend crosses above a long-term trend — signalling a potential price swing upward. When both conditions align, the bot enters a trade automatically.

3. What technology is the platform built on?

The platform runs on a modern production-grade stack. The frontend is React with TailwindCSS hosted on Lovable. The bot engine runs on Cloudflare Workers — a globally distributed edge compute platform that executes close to the user with essentially zero latency. The database is PostgreSQL via Supabase, which enforces row-level security at the infrastructure layer. Trade execution connects to VALR through their REST API over HTTPS, with all credentials encrypted at rest and never exposed to the browser.

4. Why VALR specifically?

VALR is South Africa's largest crypto exchange, FSCA-licensed under FSP #53308, and headquartered in Johannesburg. All trades are ZAR-denominated with no currency conversion costs. In April 2026 VALR launched a dedicated AI agent API framework — Tarzan SwingBot is one of the first platforms to use it commercially.

5. How was the platform built?

We used a modern AI-assisted development approach. The strategy logic — RSI and EMA crossover indicators, risk management, position sizing — is established algorithmic trading methodology that we specified and configured. AI tooling was used to accelerate the build, the same way a modern development team uses any powerful tool. The architecture decisions, exchange selection, security design, and risk framework were all deliberate human choices. We moved in weeks what would traditionally take months.

6. How is my data kept separate from other users?

Row-level security is enforced at the database layer — not just the application layer. This means the database itself physically prevents any query from returning another user's data. Your trades, settings, API keys, and activity logs are completely isolated. Even if the application code had a bug, the database would refuse to serve another user's data.

7. How are my VALR API keys protected?

API credentials are encrypted before they are written to the database using AES encryption. They are decrypted server-side only when the bot needs to execute a trade. The keys never reach the browser

under any circumstances. Additionally, your VALR API key is configured with trade-only permissions — no withdrawal access — meaning even in a worst case scenario, funds cannot leave the exchange.

8. What is the bot's trading strategy in plain English?

The bot looks for moments when a coin has dropped in price but is starting to recover. It buys at that moment, rides the price swing upward, and sells automatically when it hits either your profit target (take-profit) or your loss limit (stop-loss). It does this across BTC, ETH, SOL and XRP simultaneously, every 5 minutes, around the clock.

9. Can I control how aggressively the bot trades?

Yes — fully. You set the stop-loss percentage, take-profit percentage, maximum number of open positions, maximum trade size in ZAR, daily loss limit, and which coin pairs to trade. The bot operates strictly within those parameters. If the daily loss limit is hit, the bot shuts itself down completely until you reset it manually.

10. What is Demo mode?

Demo mode uses real live VALR market data to evaluate signals, but places simulated trades — no real money moves. It is the default mode for all new users. We recommend running in Demo for at least 4 weeks before switching to Live, so you can observe how the bot behaves across different market conditions before risking real capital.

11. What is the AI assistant inside the platform?

A built-in conversational AI powered by Claude that knows your live trading data — your portfolio value, open positions, trade history, and win rates. You can ask it questions like "how is my bot performing?" or "should I adjust my stop-loss?" and it will answer based on your actual results. Each user gets one conversation per day.

12. What is the Bot Refinement engine?

After accumulating 30 or more closed trades, the refinement engine analyses your trade history and current settings, then suggests specific data-driven improvements — for example tightening your stop-loss on underperforming pairs or adjusting your take-profit based on actual exit patterns. Every suggestion shows the reasoning behind it and requires your explicit approval before anything changes.

13. Is this legal in South Africa? Do I need a licence?

Trading your own funds using an automated tool is completely legal and unregulated in South Africa. No FSP licence is required. VALR holds the necessary FSCA licences as the exchange. If you are using the platform to trade your own money, you are operating within the law. For white label arrangements where you are providing the platform to others, we recommend consulting a South African fintech lawyer to confirm your specific commercial model is correctly structured.

14. What about tax?

From March 2026 SARS receives automated transaction data directly from crypto platforms. Your profits are taxable — either as capital gains or income tax depending on trading frequency. The platform maintains a complete trade history for your records. We recommend consulting a tax accountant once the bot is generating consistent returns.

15. Is Tarzan SwingBot available as a white label solution?

Yes. The platform is designed from the ground up for white label deployment. Each client operates in a completely isolated environment with their own settings, trade history, and API credentials. The branding, colour scheme, and domain can be customised per client. Contact us at **tarzanswings.com** to discuss licensing options.

Disclaimer. Tarzan SwingBot is a tool, not a financial advisor. Cryptocurrency trading involves significant risk and you may lose money. Past Demo performance does not guarantee Live results. Never invest more than you can afford to lose. This guide is for informational purposes only and does not constitute financial advice.