

# VPOC Migration Pro

User Manual — Professional Bookmap Addon

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VPOC Migration Pro tracks the Volume Point of Control (VPOC) in real time and automatically classifies every prior VPOC level as Naked (unvisited) or Tested (revisited by price).

It also identifies the Developing VPOC — the next highest-volume node — giving you advance warning of where fair value may shift before it actually moves.

Levels are served directly to Bookmap Cloud Notes via a built-in HTTP server. Includes voice alerts, session logging, per-level color customization, dwell time filtering, and DVPOC volume percentage tracking.

Available exclusively through the Bookmap Store at \$29/month.

## Professional Bookmap Addon by SDES

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## 1. Overview

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**VPOC Migration Pro** is a professional Bookmap addon that tracks the Volume Point of Control (VPOC) in real time and automatically classifies every prior VPOC level as either **Naked** (price has not returned) or **Tested** (price has revisited). It also identifies the **Developing VPOC** — the next most significant volume node — giving you advance notice of where fair value may shift next.

All levels are served directly to Bookmap's Cloud Notes panel via a built-in HTTP server. No external scripts, databases, or middleware are required.

**What you get on your chart:**

Level Type	Meaning	Default Color
<b>VPOC</b> (Current)	Where the most volume has traded this session	Green
<b>DVPOC</b> (Developing)	The highest-volume level outside the current VPOC area	Amber
<b>Tested VPOC</b>	A prior VPOC that price has revisited	Gray
<b>Naked VPOC</b>	A prior VPOC price has never returned to	Magenta

## 2. Core Concepts

### 2.1 VPOC — Volume Point of Control

The VPOC is the single price level where the greatest cumulative volume has traded during the current session. In Auction Market Theory, this is the market's **declared fair value** — the price both buyers and sellers have agreed upon most strongly.

VPOC Migration Pro tracks the VPOC tick-by-tick. Every time a new price overtakes the current VPOC in cumulative volume, the VPOC migrates to that new level.

### 2.2 Developing VPOC (DVPOC)

The Developing VPOC is the highest-volume price level that is **at least X points away** from the current VPOC (configurable via DVPOC Min Distance). It represents the next-most-significant volume node — the level most likely to become the new VPOC if buying or selling pressure builds there.

Watching the DVPOC tells you **where fair value is being contested** before a VPOC shift actually occurs.

### 2.3 Naked VPOC

Every time the VPOC migrates to a new level, the old level becomes a **Naked VPOC** — a price where fair value was once declared but price has not returned since. In AMT terms, unvisited prior fair-value levels represent **unfinished business**. Markets have a strong statistical tendency to revisit these levels.

*Naked VPOCs are high-probability targets and potential inflection zones. They act as magnets, especially during slow or rotational sessions.*

### 2.4 Tested VPOC

When price trades back to the level of a Naked VPOC, it becomes a **Tested VPOC**. This means the prior fair-value declaration has been acknowledged — price returned, "testing" whether that level still holds value. A Tested VPOC may still act as support or resistance, but it no longer carries the same magnetic pull as an untested Naked level.

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## 3. Requirements & License

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### System Requirements

- **Bookmap** v7.6.0 or later
- **Windows** (voice alerts use Windows TTS via PowerShell; all other features work cross-platform)
- **Java** (bundled with Bookmap — no separate installation needed)
- An active Bookmap data feed (any supported provider: Rithmic, CQG, dxFeed, Interactive Brokers, etc.)

### License

VPOC Migration Pro is a **paid addon** distributed through the Bookmap Store.

- **Price:** \$29/month (billed through your Bookmap account)
- **License:** Enforced by Bookmap's licensing infrastructure. The addon will not run without a valid, active subscription.
- **Trial:** Check the Bookmap Store listing for current trial availability.

To subscribe, visit the **Bookmap Store** within Bookmap and search for \*VPOC Migration Pro\*.

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## 4. Installation

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### Step 1 — Subscribe via the Bookmap Store

1. Open Bookmap.
2. Go to **Settings** → **Bookmap Store** (or the Store icon in the toolbar).
3. Search for **VPOC Migration Pro** and click **Subscribe**.
4. Complete the checkout process within Bookmap.

### Step 2 — Download the addon JAR

After subscribing, the licensed JAR file will be available for download from the Bookmap Store or via your account dashboard.

### Step 3 — Add the plugin to Bookmap

1. Go to **Settings** → **API Plugins Configuration**.

2. Click **Add** and browse to the downloaded .jar file.
3. Click **OK**.

#### Step 4 — Attach to a chart

1. Open the chart for your instrument.
2. Click **Strategies** in the chart toolbar.
3. Find **VPOC Migration Pro** in the list and toggle it on.

*Always fully close and reopen Bookmap after adding or updating a JAR file.*

## 5. Connecting to Bookmap Cloud Notes

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VPOC Migration Pro serves all level data through its built-in HTTP server. Bookmap's Cloud Notes feature reads this data and renders the levels directly on your chart.

### Step 1 — Open Cloud Notes settings

In Bookmap, go to **Settings** → **Cloud Notes** (or click the Cloud Notes icon).

### Step 2 — Add the URL

The default Cloud Notes URL for VPOC Migration Pro is:

```
http://127.0.0.1:8001/vpoc_levels.csv
```

This URL is also displayed in cyan inside the addon's **Cloud Notes Server** settings panel. Copy it from there to ensure you have the correct address and port.

Paste it into the Bookmap Cloud Notes URL field and save.

### Step 3 — Wait for the first poll

Cloud Notes polls the URL approximately every **60 seconds**. All four level types (Current VPOC, DVPOC, Tested, Naked) will appear on your chart within one minute of the addon attaching. The 60-second delay is a Bookmap platform limitation — the addon recalculates internally much more frequently.

## 6. Settings Reference

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Access settings via **Strategies** → **VPOC Migration Pro** → **Settings** on your chart.

### 6.1 Session

Setting	Description	Default
<b>Session Type</b>	Globex (18:00 ET), RTH (09:30 ET), or Custom	Globex
<b>Start Hour (ET)</b>	Custom session start hour (0–23)	18
<b>Start Minute</b>	Custom start minute (0, 15, 30, 45)	00
<b>Auto-Reset</b>	Clears all levels and restarts the profile at the session boundary	Enabled
<b>Update Interval</b>	How often the internal CSV refreshes (50–2000ms)	500ms

#### Session Type details:

- **Globex (18:00)** — Full overnight session starting 6:00 PM ET. Recommended for ES/MES futures.
- **RTH (09:30)** — Regular trading hours only, starting 9:30 AM ET.
- **Custom** — Any start time in quarter-hour increments.

*For best VPOC accuracy, keep Bookmap running continuously from session start. If Bookmap disconnects or restarts mid-session, the backfilled data may differ slightly from live-accumulated data, causing a minor discrepancy with Bookmap's native Volume Profile.*

## 6.2 Filters & Controls

Setting	Description	Default
<b>Dwell Time Filter</b>	Enable/disable the VPOC flicker filter	Disabled
<b>Dwell Time (seconds)</b>	VPOC must hold at a new level for this many seconds before being confirmed	30
<b>Max Levels Shown</b>	Enable/disable a cap on the total number of displayed levels	Disabled
<b>Max Level Count</b>	Maximum number of levels to display (oldest Tested/Naked levels are hidden first)	20
<b>DVPOC Min Distance (pts)</b>	The DVPOC must be at least this many points away from the current VPOC	5

**Dwell Time Filter explained:**

During volatile sessions, the VPOC can flicker rapidly between two adjacent price levels as volume builds on both simultaneously. The Dwell Time filter requires the VPOC to remain at its new level for a set number of seconds before it's officially recognized and an alert is fired. This prevents alert noise without affecting the level display.

**DVPOC Min Distance explained:**

Without a minimum distance, the DVPOC would almost always be the tick immediately adjacent to the VPOC. Setting a meaningful distance (5–10 points for ES) separates the DVPOC into a structurally distinct level — one that represents a genuine alternative fair-value candidate rather than a statistical artifact.

**6.3 Cloud Notes Server**

Setting	Description	Default
Address	IP address for the HTTP server	127.0.0.1
Port	Port for the HTTP server	8001

The URL shown in cyan is read-only and updates automatically. Copy it into Bookmap Cloud Notes.

*Do not change the port unless you have a conflict with another application. If running HVN Marker and LVN Marker alongside this addon, they use ports 8002 and 8003 respectively — no conflicts occur with the defaults.*

**6.4 Level Appearance**

Each of the four level types has its own appearance section. All four follow the same pattern:

Setting	Description
Show	Toggle visibility of this level type
Label	Text displayed on the Cloud Note
Text Color	Foreground (label text) color
BG Color	Background color of the note
Draw Line	Show a horizontal price line at this level

**Additional options:**

Setting	Description	Default
Show Direction Arrows	Appends ^ or v to each label indicating the migration direction	Enabled
Show DVPOC %	Appends the DVPOC's volume as a percentage of the VPOC volume to the DVPOC label	Disabled

#### Default label and color scheme:

Level	Default Label	Default Colors
Current VPOC	>> VPOC <<	Green BG, Black text
Developing VPOC	DVPOC	Amber BG, Black text
Tested VPOC	Tested VPOC	Gray BG, Black text
Naked VPOC	Naked VPOC	Magenta BG, White text

*The VPOC level is always rendered **last** in the CSV, which means it renders on top in Bookmap — ensuring the most important level is never obscured by others at the same price.*

## 6.5 Alerts

VPOC Migration Pro supports three independent alert types, each with separate sound and voice options.

### Alert Types

Alert	Triggers When
VPOC Shift	The current VPOC migrates to a new price level
Naked VPOC Touch	Price trades at a Naked VPOC level
DVPOC Changed	The Developing VPOC moves to a new price level

### Per-Alert Settings

Setting	Description	Default
Sound	Plays a system beep on the alert event	Off
Voice	Speaks a text announcement via Windows TTS	Off

Setting	Description	Default
<b>Cooldown (minutes)</b>	Minimum time between repeated alerts of this type	2 min (Shift/Naked), 5 min (DVPOC)

## Global Alert Settings

Setting	Description	Default
<b>Voice Selection</b>	Choose from all installed Windows TTS voices	System default
<b>Speech Rate</b>	Adjusts TTS speed from -10 (slowest) to +10 (fastest)	0
<b>Pronunciation Map</b>	Customize how TTS pronounces labels without changing chart labels	DVPOC=D V-Pock, VPOC=V-Pock
<b>Mute at Open</b>	Suppress all alerts for X minutes after session start to avoid open noise	5 minutes
<b>Naked Proximity Alert</b>	Fire an alert when price comes within X ticks of a Naked VPOC level	0 (disabled)

### Pronunciation Map format:

```
LABEL=spoken phrase, LABEL2=spoken phrase 2
```

Example: DVPOC=D V-Pock, VPOC=V-Pock, Naked VPOC=naked vee pock

This lets TTS say "V-Pock shifted up" instead of the awkward "V-P-O-C shifted up" — without changing what appears on your chart.

### Speech Queue:

All voice alerts are queued and played sequentially. If multiple events fire in rapid succession (common at the open), they are announced one at a time rather than overlapping. Combined with cooldown settings, this prevents TTS from becoming unintelligible during fast market conditions.

## 6.6 Session Log

Setting	Description	Default
<b>Enable Session Log</b>	Write a migration history file for each session	Enabled
<b>Log Path</b>	Directory where log files are saved	C:\BookMap Indicators\v poc _session_log

Log files are named automatically using the session date (e.g., `v poc_session_log_2026-05-01.txt`). Each entry records:

- Timestamp of the VPOC migration
- The price level the VPOC moved to
- Migration direction
- Session summary statistics at the end of day

These logs are ideal for post-session review and journaling. Use them alongside TraderLab101 or your journal to review where fair value migrated during the session.

## 7. How It Works

### Volume Profile Construction

VPOC Migration Pro builds a volume-by-price profile from every trade that arrives during the current session:

```
price_level (rounded to nearest tick) → cumulative volume
```

Backfilled historical data is incorporated at startup, so you get accurate VPOC levels even when connecting mid-session. Live trades are added in real time as they stream from your data provider.

### VPOC Calculation

After each update interval, the addon scans the volume profile to find the tick with the highest cumulative volume. This is the current VPOC. If it differs from the previous VPOC:

1. The old VPOC is moved to the Naked VPOC list with a migration direction indicator.
2. If the Dwell Time filter is enabled, the new VPOC must persist for the specified number of seconds before being committed.
3. An alert is fired (if enabled and cooldown has expired).
4. The session log records the shift.

### Naked → Tested Transition

On each update, the addon checks the price of the most recent trade against every Naked VPOC level. If a trade occurs at or within rounding distance of a Naked level, that level transitions to Tested status.

## DVPOC Calculation

After identifying the current VPOC, the addon scans the volume profile for the highest-volume tick that is at least **DVPOC Min Distance** points away from the VPOC. This is the Developing VPOC. If it changes, a DVPOC Changed alert fires (if enabled).

## CSV Output Order

Bookmap Cloud Notes renders the last row in the CSV on top. The addon orders its output deliberately:

1. Tested VPOC levels (oldest to newest)
2. Naked VPOC levels (oldest to newest)
3. Developing VPOC
4. Current VPOC (always last — always renders on top)

## 8. Reading the Chart

Once connected to Cloud Notes, your chart will show labeled horizontal lines at each active level.

**A typical session might look like this:**

```
>> VPOC << ^   ← Current VPOC, migrated upward
DVPOC           ← Developing VPOC below current
Naked VPOC ∇    ← Prior VPOC from early in session, price hasn't returned
Tested VPOC ^   ← Even earlier VPOC, price came back and tested it
```

**Direction arrows:**

- ^ means the VPOC migrated upward to reach this level
- ∇ means it migrated downward

**DVPOC % (optional):**

When enabled, the DVPOC label shows the volume at the DVPOC as a percentage of the current VPOC volume. For example:

```
DVPOC 87%
```

This means the DVPOC has accumulated 87% of the volume at the VPOC — it is very close to overtaking it. A high percentage suggests an imminent VPOC migration.

## 9. Tips & Trade Applications

**Use Naked VPOCs as targets.** Unvisited prior fair-value levels are among the highest-probability targets in the AMT framework. When price is trending, identify the nearest Naked VPOC in the direction of movement as a likely destination.

**Watch the DVPOC % for early warning.** A DVPOC % above 80–85% often precedes a VPOC shift by several minutes. This gives you time to prepare before the official migration occurs.

**Mute at Open.** Leave the "Mute at Open" setting at 5 minutes. The open is chaotic — rapid VPOC shifts in the first few minutes are common and rarely actionable. Muting prevents alert fatigue during the noisiest period.

**Combine with the Developing VPOC for bias.** If the DVPOC is above the VPOC, volume is building higher — lean long. If it's below, volume is building lower — lean short. This is a soft bias, not a signal on its own.

**Use session logs for journaling.** After each session, review the log file to see how many times VPOC shifted, in which direction, and when. Pattern recognition over time helps you understand your instrument's auction behavior.

**Pair with HVN/LVN Markers.** The VPOC is the single highest-volume level — HVN Marker shows all significant volume clusters. Together they reveal the full volume distribution structure: where the market spent time (HVN), where it moved through quickly (LVN), and where fair value has been declared and re-declared (VPOC history).

**Naked proximity alert.** For scalpers, set the Naked Proximity Alert to 2–4 ticks. You'll get an early warning before price actually touches the Naked level — useful for quick entries or tightening stops.

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## 10. Troubleshooting

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### No levels on the chart

- Confirm the addon is attached and running (look for it in the Strategies list with a green dot).
- Verify the Cloud Notes URL in Bookmap matches the URL in the addon's Cloud Notes Server panel.
- Wait up to 60 seconds for the first Cloud Notes poll.

### VPOC doesn't match Bookmap's native Session Volume Profile (SVP)

This is a known limitation. VPOC Migration Pro builds its volume profile from streaming trade data. If Bookmap restarts or the data feed disconnects mid-session, the backfilled data used to rebuild the profile may differ slightly from the live-accumulated data in the native SVP. For best accuracy, keep Bookmap running continuously from the start of each session without interruption.

### Voice alerts not working

- Voice alerts use **Windows PowerShell TTS** and are Windows-only.
- Check that at least one Windows TTS voice is installed (Control Panel → Text-to-Speech).
- Verify the Voice toggle is enabled for the desired alert type.
- Check that the Mute at Open window has expired (default 5 minutes after session start).
- Ensure the alert cooldown period has elapsed since the last alert of that type.

### Too many alerts at the open

- Increase the VPOC Shift cooldown to 5 minutes.
- Increase the Mute at Open setting to 10–15 minutes.
- Enable the Dwell Time filter (30 seconds is a good starting point).

### Port conflict

If the HTTP server fails to start (check Bookmap's log console), another application is using port 8001. Change the Port field in the Cloud Notes Server settings to an unused port (e.g., 8011) and update your Cloud Notes URL accordingly.

### Levels not updating

Cloud Notes has a fixed ~60 second poll interval enforced by Bookmap. The addon's data is always current — the display just lags by up to one minute. This is expected and cannot be changed.

## 11. Billing & Support

### Subscription

VPOC Migration Pro is available exclusively through the **Bookmap Store** at \$29/month. Billing is managed entirely through your Bookmap account.

- To subscribe: open the Bookmap Store and search for **VPOC Migration Pro**.
- To cancel: manage your subscription through your Bookmap Store account settings.
- SDES does not handle billing directly — all payment transactions go through Bookmap.

### Support

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*Bookmap support staff cannot assist with third-party addon behavior, settings, or bugs. For all product questions, contact SDES directly at the email above.*

### Disclaimer

VPOC Migration Pro is a chart analysis tool. It displays volume data and levels derived from market trades. It does not provide trading signals, financial advice, or recommendations to buy or sell any instrument. Trading futures and other financial instruments involves substantial risk of loss. Use this tool as part of your own informed analysis process.

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