VPOC Migration Pro - Version 2.1 User Manual

Professional Bookmap add-on by SDES Current public Marketplace release Updated August 2026

> Version 2.1 is available through the Bookmap Marketplace. Existing customers update by downloading the new version from their Bookmap portal and loading it in the desktop app; Bookmap does not automatically replace an installed add-on.

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1. What VPOC Migration Pro tracks

VPOC Migration Pro builds a volume-by-price profile from Bookmap trade data and tracks four related levels:

Level	Meaning	Shipped color
Current VPOC	The price tick with the most accumulated volume in the active profile	Green
Developing VPOC / DVPOC	The highest-volume eligible tick outside the configured minimum distance from current VPOC	Amber
Naked VHVN	A former VPOC that price has not traded back to since the migration	Magenta
Tested VHVN	A former VPOC that price has traded back to	Gray

The Legacy display retains the established **Naked VPOC** and **Tested VPOC** note labels for customer continuity. The Enhanced display calls those same migration levels **VHVNs**, matching the ForeSight-style live-price presentation.

VPOC Migration Pro is display and alert software. It never places, modifies, or cancels orders.

2. What is new in Version 2.1

Version 2.1 keeps the complete Legacy Cloud Notes workflow and adds a separate Enhanced live-price display. The same calculation drives both presentations.

- **Three display choices:** Legacy, Enhanced, or Both.
- **Immediate mode switching:** changing the display mode does not reload market data.
- **ForeSight-style badges:** Current VPOC, DVPOC, Naked VHVNs, and Tested VHVNs appear beside live price.
- **Badge collision lanes:** overlapping badges move left so each remains visible.
- **Automatic ETH / RTH schedule:** separate ETH and RTH profiles with a frozen maintenance window.
- **Opening Ignore:** the opening profile still builds, while migrations, notes, badges, logs, and alerts wait until the selected opening window has passed.
- **Fresh-session option:** Clear on New Session clears volume counts, migrations, VHVNs, and badges.
- **Expanded alerts:** exact-hit and proximity VHVN cues plus the Developing V-Pock cue.
- **Cleaner DVPOC alerts:** a VPOC migration can naturally relocate DVPOC; that same-cycle DVPOC move is not announced as a second alert.
- **Additive settings compatibility:** prior customer settings remain readable; new fields receive safe defaults.

3. Install or update

Marketplace installation

1. Open the VPOC Migration Pro Marketplace listing.
2. Subscribe through Bookmap. The current Marketplace price is **$25 per month**.
3. In Bookmap, open **Settings > Add-ons Manager**.
4. Install or update **VPOC Migration Pro**.
5. Restart Bookmap if the Add-ons Manager requests it, then enable the add-on on the desired chart.

Bookmap handles payment and Marketplace license enforcement. SDES does not receive your Bookmap payment details.

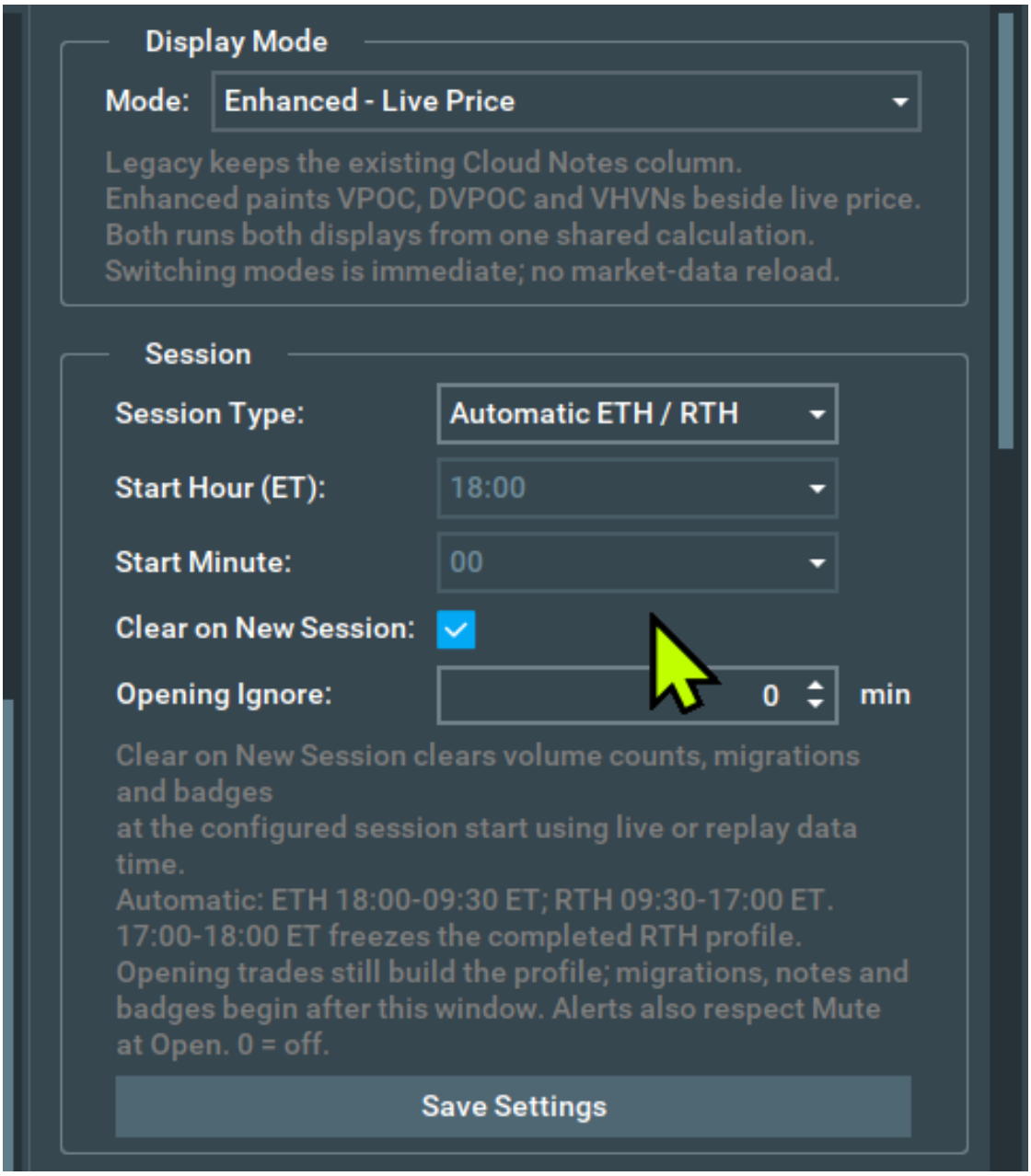
After the Version 2.1 update

Existing settings are loaded through the compatible settings schema. The update does not intentionally replace Legacy labels, colors, Cloud Notes address or port, alert choices, session selection, or log path. The default display for an older customer remains **Legacy - Cloud Notes** until that customer chooses Enhanced or Both.

4. Choose a display mode

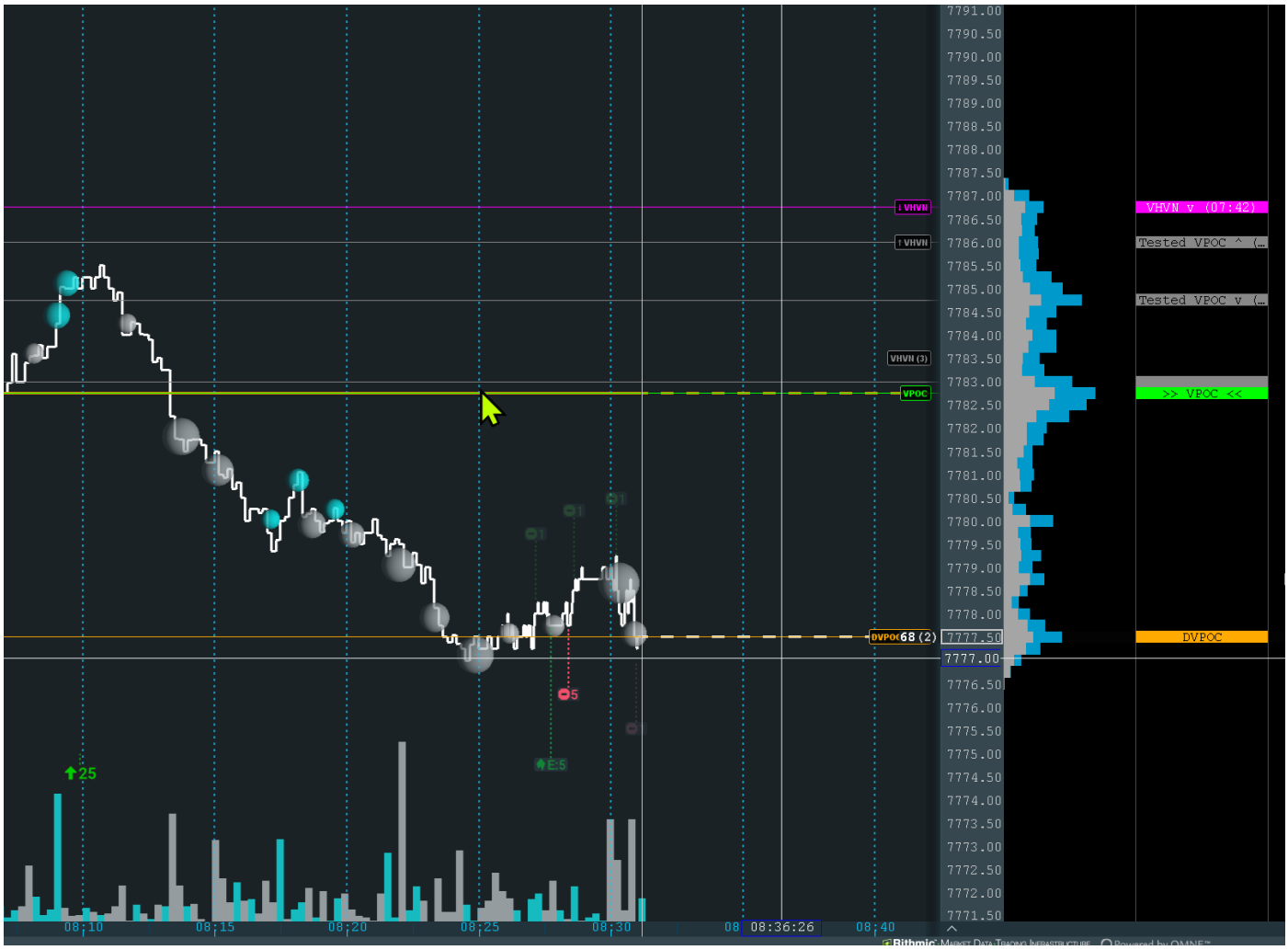
Mode	What appears	Cloud Notes required?
Legacy - Cloud Notes	The existing notes and horizontal lines in a Bookmap Cloud Notes column	Yes
Enhanced - Live Price	ForeSight-style badges beside the live-price area plus the shared VPOC chart line	No
Both - Cloud Notes + Live Price	Legacy notes and Enhanced badges from one shared calculation	Yes, for the Legacy side

Selecting a different mode is immediate. It does **not** request a market-data reload and does not discard the active calculation.



Display Mode and Automatic ETH/RTH session settings

The screenshot shows one saved user configuration. It is not a list of shipped defaults.



Both mode running live with Enhanced badges beside price and the Legacy Cloud Notes column visible at right

This live capture shows **Both - Cloud Notes + Live Price**. The green VPOC, amber DVPOC, and VHVN badges are the Enhanced display. The separate notes column at far right is the Legacy display.

5. Sessions, resets, and time zones

Session types

Session Type	Behavior
Globex (18:00)	One daily profile boundary at 18:00 Eastern Time
RTH (09:30)	One daily profile boundary at 09:30 Eastern Time; this preset does not add a 17:00 freeze
Custom	One daily profile boundary at the selected Eastern Time in 15-minute increments
Automatic ETH / RTH	ETH 18:00-09:30 ET, RTH 09:30-17:00 ET, then a frozen window from 17:00-18:00 ET

Automatic ETH / RTH uses these half-open windows:

```
ETH     18:00:00 <= time < 09:30:00 ET
RTH     09:30:00 <= time < 17:00:00 ET
CLOSED  17:00:00 <= time < 18:00:00 ET
```

During the CLOSED window, the completed RTH profile remains displayed and positive trades do not mutate the profile. The first accepted trade in the next ETH or RTH window starts that window.

Clear on New Session

When enabled, the first accepted trade in a new session clears:

- accumulated volume counts;
- current and developing VPOC state;
- migration history;
- Naked and Tested VHVNs;
- displayed badges and Legacy notes; and
- per-session hit/proximity tracking.

When disabled, the calculation continues across accepted ETH and RTH windows. The Automatic 17:00-18:00 CLOSED window still freezes the profile.

Opening Ignore

Opening Ignore accepts 0-60 minutes. During the ignored portion of a session, trades still build the volume profile, but the add-on silently establishes its starting state. It does not publish migration notes or badges, create hit history, log opening migration events, or fire alerts. When the window ends, display and event tracking begin from the profile accumulated during that time. Set it to 0 to disable the feature.

Time-zone safety

All session calculations use the fixed IANA time zone **America/New_York** and the absolute timestamp attached to Bookmap market data. They do not use the computer clock, Windows time-zone setting, Bookmap display time zone, or JVM default time zone to decide the ETH/RTH boundary.

That means a trader in Los Angeles, London, Israel, or any other location receives the same market session boundaries. Historical replay uses New York daylight-saving rules for the date being replayed.

6. Complete settings reference

Values in the **Shipped default** column describe a new/default configuration. Screenshots may show saved user choices instead.

6.1 Display Mode

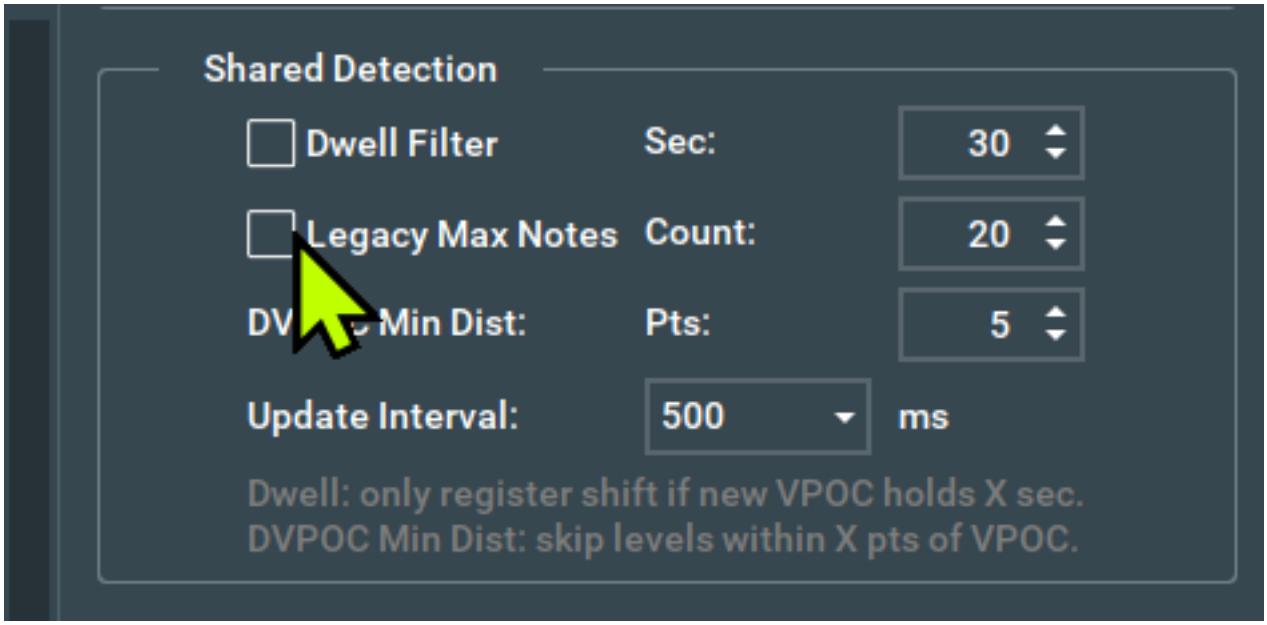
Setting	Shipped default	Notes
Mode	Legacy - Cloud Notes	Legacy, Enhanced, or Both; changes immediately without reload

6.2 Session

Setting	Shipped default	Notes
Session Type	Globex (18:00)	Adds Automatic ETH / RTH without changing the existing preset indices
Start Hour (ET)	18:00	Enabled only for Custom
Start Minute	00	00, 15, 30, or 45; enabled only for Custom
Clear on New Session	On	Clears counts and visible state at the next data-time boundary
Opening Ignore	0 min	0-60 minutes; 0 is off

Changing these calculation inputs and pressing **Save Settings** requests one Bookmap data reload so the active history is rebuilt under the new session rules.

6.3 Shared Detection



Shared Detection settings

Setting	Shipped default	Notes
Dwell Filter	Off	Requires a candidate VPOC to hold before recording the shift
Sec	30	Active only when Dwell Filter is on; range 5-300 seconds
Legacy Max Notes	Off	Caps only the Legacy migration-note history
Count	20	Range 1-100 when Legacy Max Notes is enabled
DVPOC Min Dist	5 pts	Skips developing candidates within this distance of current VPOC
Update Interval	500 ms	Choices: 50, 100, 250, 500, 1000, or 2000 ms

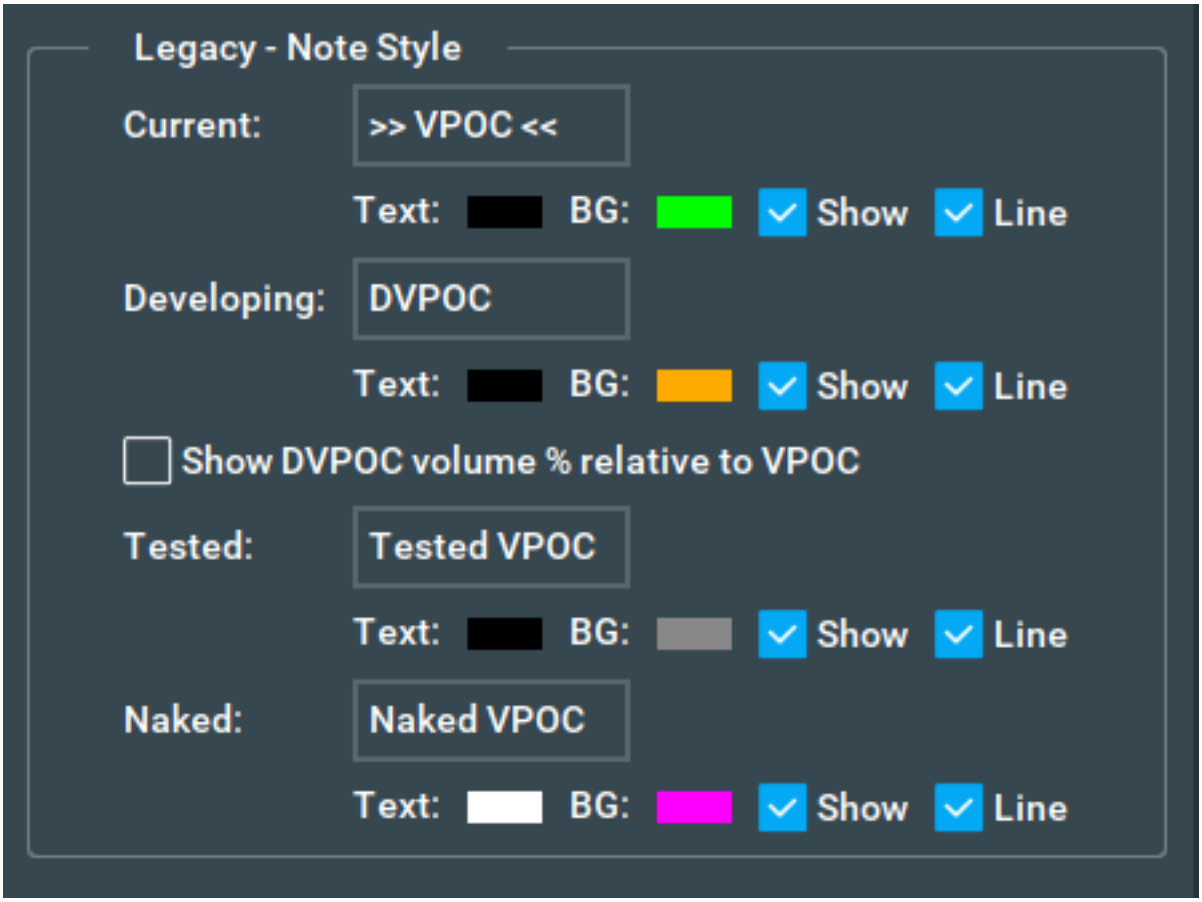
Dwell, DVPOC distance, and update interval affect historical calculation and therefore request a reload when changed. Enabling or changing the Legacy note cap changes output only and does not require a rebuild.

6.4 Legacy - Cloud Notes

Setting	Shipped default	Notes
Address	`127.0.0.1`	Localhost; keep this unless a specific network setup requires another bind address
Port	`8001`	Change only if another application already uses the port
URL	`http://127.0.0.1:8001/vpoc_levels.csv`	Copy the read-only URL into a Bookmap Cloud Notes source

Changing the address or port restarts the local server. Update the URL in Bookmap Cloud Notes after changing either value.

6.5 Legacy - Note Style



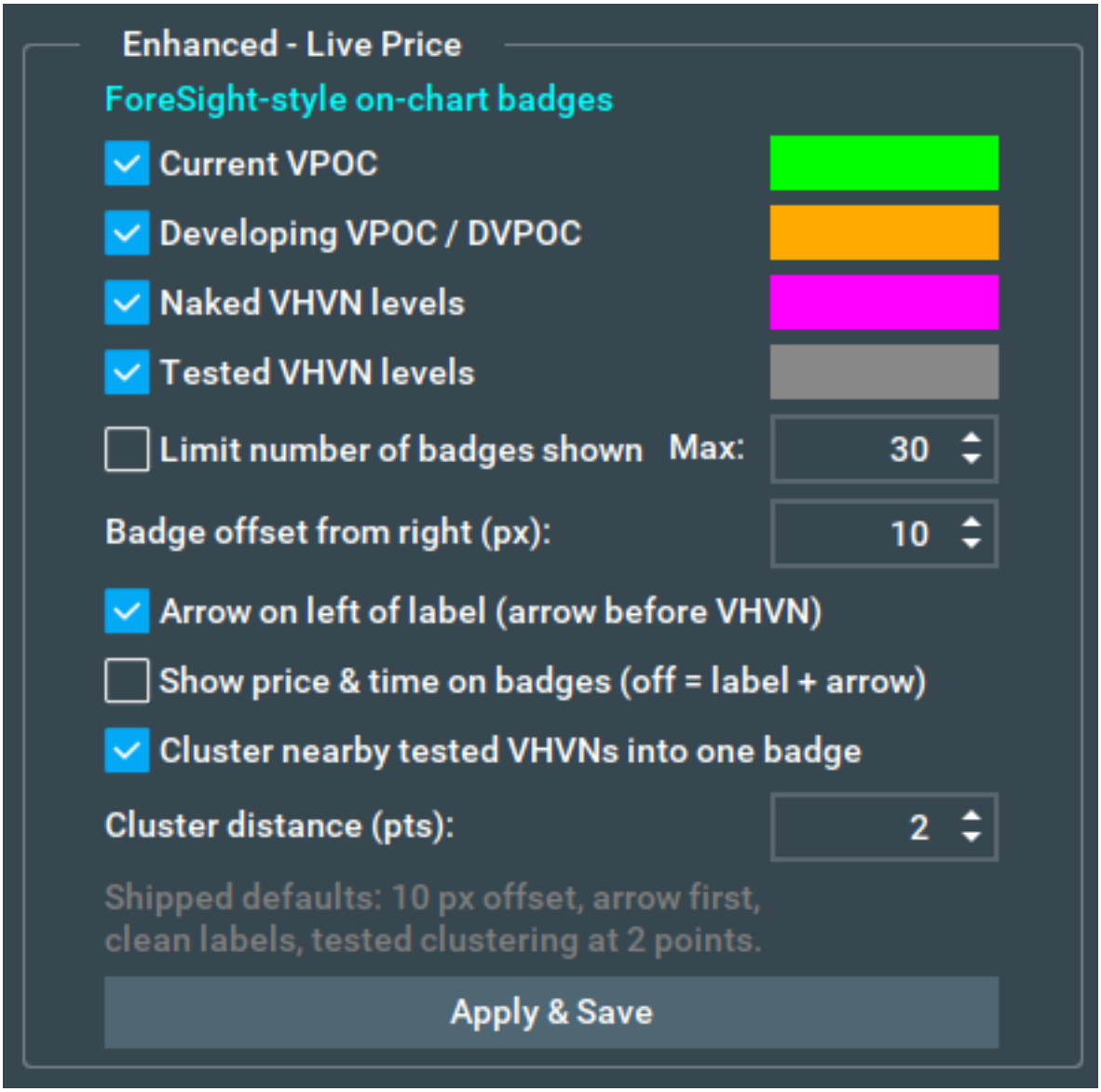
Legacy Note Style settings

Each Legacy level has editable label text, foreground color, background color, visibility, and a horizontal-line toggle.

Level	Shipped label	Text	Background	Shown	Line
Current	`>> VPOC <<`	Black	Green	On	On
Developing	`DVPOC`	Black	Amber	On	On
Tested	`Tested VPOC`	Black	Gray	On	On
Naked	`Naked VPOC`	White	Magenta	On	On

Show DVPOC volume % relative to VPOC is off by default. When enabled, the Legacy DVPOC label includes its accumulated volume as a percentage of the Current VPOC volume.

6.6 Enhanced - Live Price



Enhanced live-price settings

Setting	Shipped default	Notes
Current VPOC	On, green	Shows `VPOC` beside live price
Developing VPOC / DVPOC	On, amber	Shows `DVPOC (percent)`
Naked VHVN levels	On, magenta	Former VPOCs not yet revisited
Tested VHVN levels	On, gray	Former VPOCs already revisited
Limit number of badges shown	Off	Separate Enhanced cap
Max	30	Range 1-100 when the cap is enabled
Badge offset from right	10 px	Moves the entire badge layout horizontally
Arrow on left of label	On	Displays the migration arrow before VHVN

Setting	Shipped default	Notes
Show price & time on badges	Off	Off gives the compact label-and-arrow presentation
Cluster nearby tested VHVNs	On	Combines nearby gray Tested badges
Cluster distance	2 pts	Maximum distance used by the Tested cluster pass

Enhanced visibility, color, cap, arrow, detail, and clustering changes apply without rebuilding the market profile. Badge offset moves existing badges immediately after **Apply & Save** and does not reload data.

6.7 Shared Appearance

Setting	Shipped default	Notes
Chart Line Color	Green	Color of the shared current-VPOC indicator line
Show Direction (^v)	On	Adds migration direction to Legacy notes and supplies direction to Enhanced VHVNs

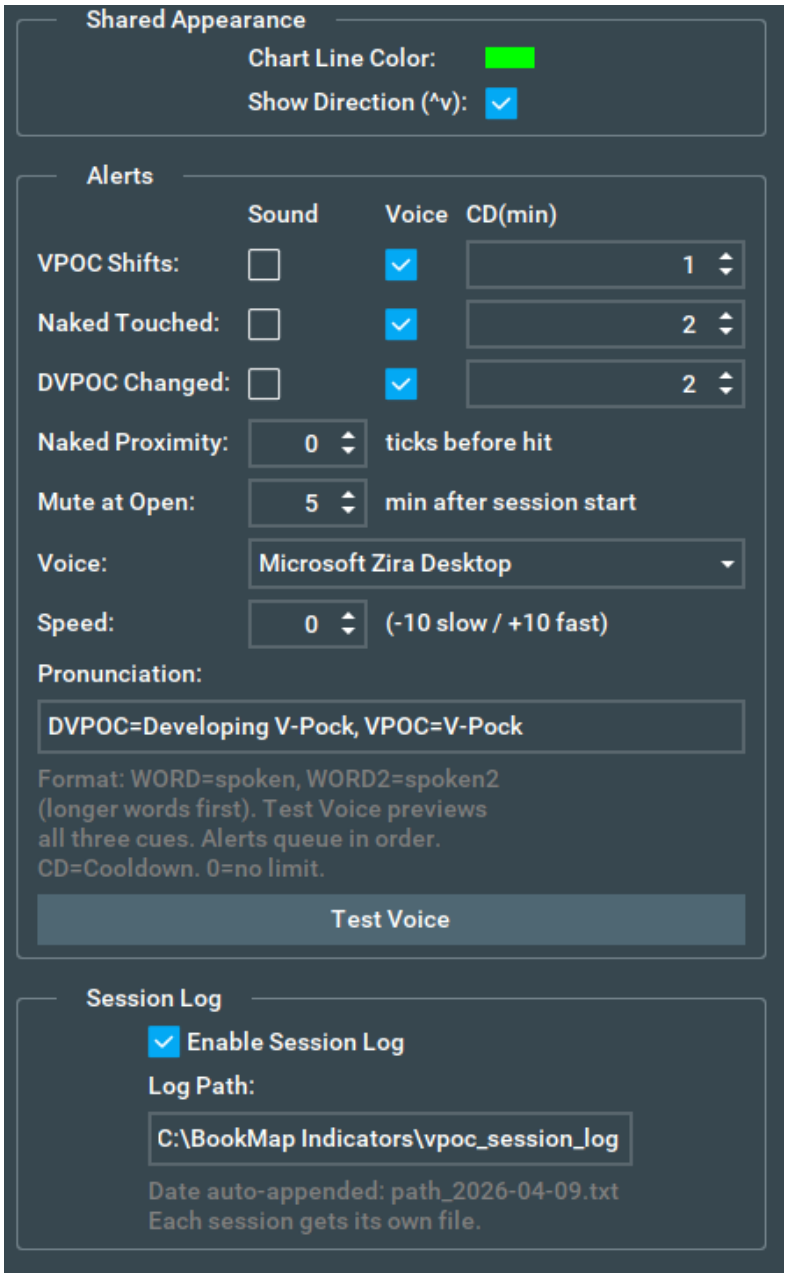
6.8 Alerts

The Alerts panel keeps sound and voice independent for each event. Cooldowns, the opening mute window, proximity, voice, speed, and pronunciation are shared by the same alert pipeline.

Alert	Shipped sound	Shipped voice	Shipped cooldown
VPOC Shifts	Off	Off	2 min
Naked Touched	Off	Off	2 min
DVPOC Changed	Off	Off	5 min

Additional shipped defaults:

Setting	Shipped default
Naked Proximity	0 ticks (off)
Mute at Open	5 minutes
Voice	Windows system default
Speed	0
Pronunciation	`DVPOC=Developing V-Pock, VPOC=V-Pock`



Alert and Session Log settings

The screenshot shows the user's saved alert selections and installed Microsoft Zira voice; those are not forced on other customers.

6.9 Session Log

Setting	Shipped default	Notes
Enable Session Log	On	Writes migration events and a session summary
Log Path	`C:\BookMap Indicators\vpoc_session_log`	The date is appended to the base path

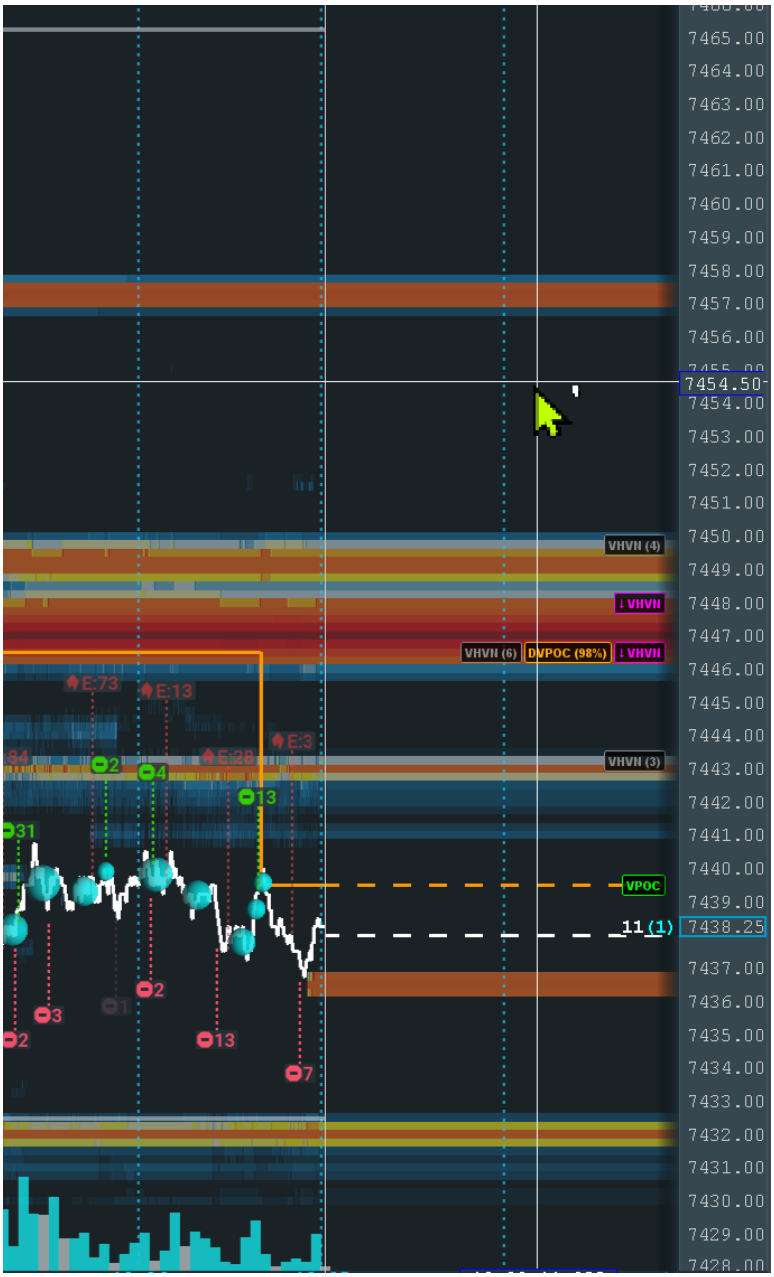
Example output name: `C:\BookMap Indicators\vpoc_session_log_2026-08-10.txt`.

6.10 Apply and About

About field	Current public value
Product	VPOC Migration Pro
Version	2.1
Developer	SDES
Website	sdes.dev
Support	support@sdes.dev

Use **Save Settings** or **Apply & Save** after editing fields. Display-mode selection itself is immediate. The About panel identifies the installed build and lists the current support address: **support@sdes.dev**.

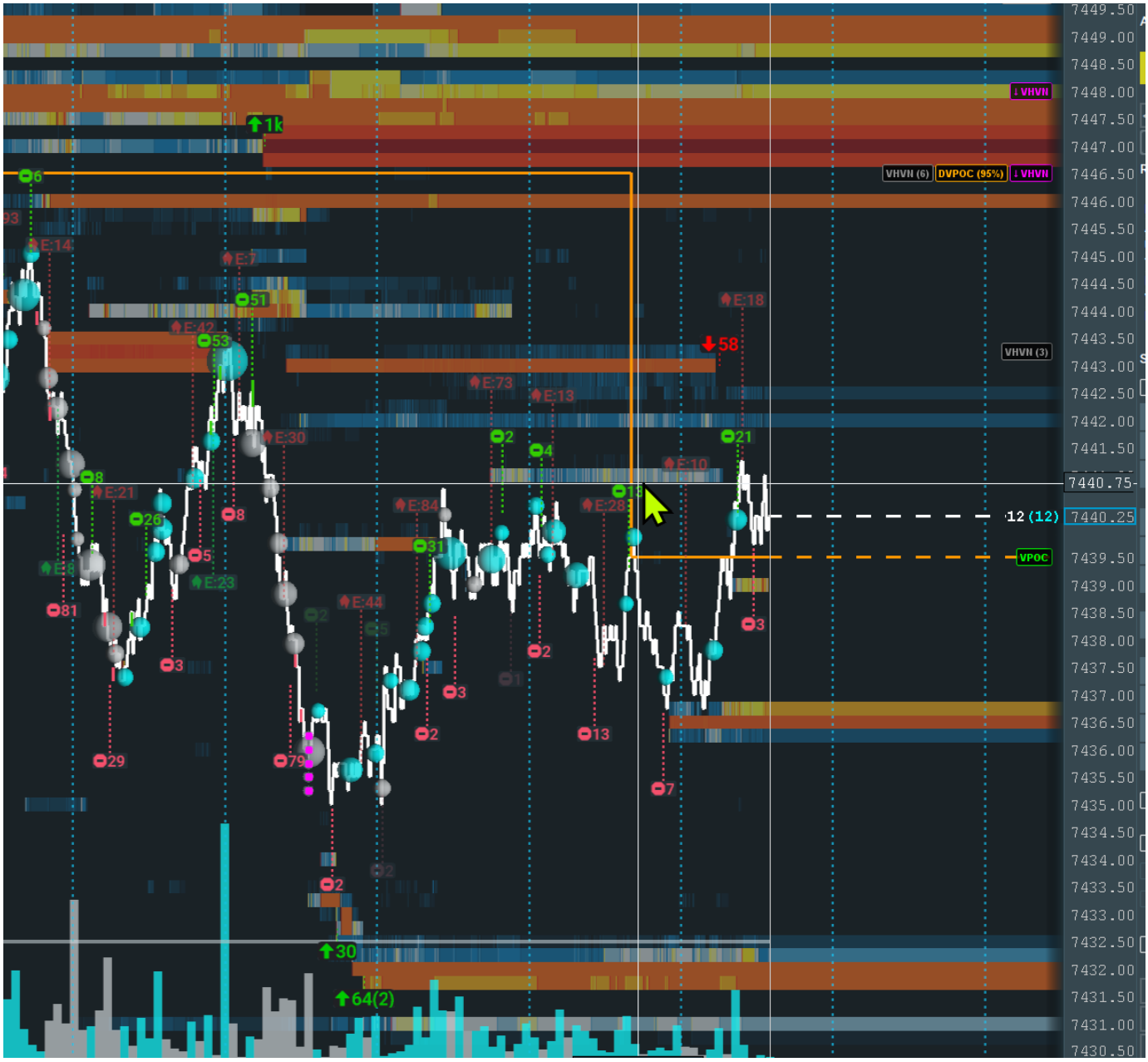
7. Enhanced live-price badges



VPOC Migration Pro Version 2.1 enhanced badges running in Bookmap

The live capture shows the compact Enhanced presentation:

- green `VPOC` for the current point of control;
- amber `DVPOC (46%)` for the developing node and its volume ratio;
- magenta arrowed `VHVN` badges for Naked migration levels; and
- gray `VHVN` or `VHVN (count)` badges for Tested levels and Tested clusters.



A wider live Bookmap example of Version 2.1 VPOC, DVPOC, Naked VHVN, and clustered Tested VHVN badges

Collision handling

Badges remain on their exact price Y-coordinate. When their rendered rectangles would overlap, the lower-priority badge moves into a lane to the left with a 2-pixel gap. The rightmost priority is:

1. Current VPOC

2. Naked VHVN
3. Developing VPOC
4. Tested VHVN

This keeps the current VPOC closest to live price and keeps Naked VHVNs ahead of Tested history. Changing zoom, price scale, chart width, or badge offset recalculates the horizontal lanes without a market-data reload.

Tested clusters

When Tested clustering is enabled, nearby gray Tested VHVNs are represented by one badge. For example, `VHVN (3)` means the displayed Tested cluster contains three migration levels. Naked VHVNs are not merged by this option.

8. Alerts and pronunciation

Spoken cues

Event	Base cue before pronunciation replacement
VPOC moves	`<Current label> moved up` or `<Current label> moved down`
DVPOC changes	`DVPOC moved`
Naked VHVN exact touch	`V H V N hit`
Naked VHVN proximity	`V H V N nearby`

With the shipped map `DVPOC=Developing V-Pock, VPOC=V-Pock`, the DVPOC cue is spoken as **"Developing V-Pock moved."** The exact Naked touch cue remains **"V H V N hit."**

The DVPOC cue is reserved for an independent developing-level move. When the current VPOC migrates and that migration naturally changes which level qualifies as DVPOC, the add-on announces only the VPOC shift for that trade cycle. It does not play the DVPOC sound or voice as a duplicate follow-up. The developing change may still appear in the session log.

Pronunciation format

```
WORD=spoken phrase, WORD2=spoken phrase 2
```

Longer keys should appear first when keys overlap. The pronunciation map changes speech only; it does not rename chart labels.

Test Voice

Test Voice uses the voice, speed, pronunciation text, and current label currently shown in the settings panel. It queues all three exact preview cues in order:

1. Current VPOC moved up
2. Developing V-Pock moved
3. V H V N hit

Alerts also queue in order during normal use and do not intentionally speak over one another.

9. Replay, backfill, and settings changes

VPOC Migration Pro consumes Bookmap trade callbacks during historical backfill and live operation. Session boundaries and Opening Ignore use each event's data timestamp, not the wall clock. This keeps the rebuilt calculation aligned with the historical date and its New York session boundaries.

Cloud Notes and Bookmap Replay

Legacy Cloud Notes is a live-output feature. The add-on builds its profile during Bookmap's initial historical load, then publishes the completed state when Bookmap calls `onRealtimeStart`. It does not include ForeSight's dedicated old-session replay-in-step machinery. Some old-day Bookmap replays do not issue that callback, so Cloud Notes and Enhanced badge playback are **not guaranteed to step with the Replay cursor**. Version 2.1 does not claim full in-step Replay display support.

Changes that do not reload market data

- switching Legacy, Enhanced, or Both mode;
- Enhanced badge offset, visibility, colors, count limit, arrow placement, detail, and clustering;
- Legacy labels, colors, visibility, line choices, and Legacy note cap;
- shared chart-line color and direction display;
- alert toggles, cooldowns, voice, speed, pronunciation, proximity, and mute window; and
- session-log enable/path.

Changes that request one reload

- Session Type or Custom start time;
- Clear on New Session;
- Opening Ignore;
- Dwell Filter or its active dwell duration;
- DVPOC Min Distance; and
- Update Interval.

Those settings change how historical events are interpreted. Reloading is necessary so the displayed history is rebuilt under one consistent calculation instead of mixing old and new rules. Changing only the badge offset is presentation-only and must not reload events.

10. Settings persistence and update safety

Version 2.1 adds fields to the existing saved-settings schema and keeps prior schema versions readable. It does not deliberately rename or delete the established Legacy fields. Existing users retain their Legacy mode, session choice, Cloud Notes endpoint, note styles, alerts, and log path.

New Enhanced settings receive shipped defaults only when the old settings file has no value for them. Installing the update does not require customers to rebuild their prior Legacy setup manually.

For safety, keep a copy of any heavily customized Bookmap workspace before installing any add-on update. That is a general workspace precaution, not a known Version 2.1 migration requirement.

11. Troubleshooting

Enhanced badges are not visible

- Confirm Mode is **Enhanced - Live Price** or **Both - Cloud Notes + Live Price**.
- Confirm the desired Enhanced level toggles are checked.
- Opening Ignore intentionally hides badges until its data-time window expires.
- The Automatic 17:00-18:00 ET window freezes the completed RTH state; it does not build a new profile.
- Press **Apply & Save** after changing Enhanced options.

A display setting caused a reload

Badge offset and other Enhanced appearance settings do not require a reload. If Bookmap reloads after Save Settings, verify whether a session, Opening Ignore, Dwell, DVPOC distance, or update-interval field also changed.

Legacy notes do not appear

- Confirm Mode includes Legacy.
- Copy the URL shown in **Legacy - Cloud Notes** into a Bookmap Cloud Notes source.
- Confirm its address and port match the settings panel.
- Wait for Bookmap's next Cloud Notes poll.
- If port 8001 is already in use, choose another port and update the Cloud Notes URL.

Voice alerts do not speak

- Voice alerts are Windows-only and use installed Windows speech voices.
- Confirm Voice is enabled for that event.
- Confirm Opening Ignore and Mute at Open have expired.
- Confirm the alert's cooldown has expired; 0 means no cooldown limit.
- Use **Test Voice** to preview the exact cue and pronunciation map.

Session times look wrong

- Automatic sessions are always Eastern Time, regardless of the computer's local zone.
- Verify **Automatic ETH / RTH** is selected if you expect the 17:00-18:00 freeze.
- The plain RTH preset is a daily 09:30 reset, not the Automatic split schedule.
- In replay, verify the replay data timestamp rather than the current wall-clock time.

Backfilled levels differ from a native Bookmap profile

The add-on rebuilds from the trades Bookmap supplies through the add-on API. Feed gaps, restarts, or a different amount of historical data can produce differences from another profile that retained a different event history. Session and detection changes intentionally reload so the add-on can apply one set of rules to the complete supplied history.

Cloud Notes does not step during Replay

That is a current limitation, not a Cloud Notes URL error. VPOC Migration Pro reliably rebuilds from historical trades for live use, but it does not yet provide ForeSight-style guaranteed old-session replay-in-step publishing.

12. Support and disclaimer

Developer	SDES
Website	sdes.dev
Email	support@sdes.dev
Marketplace	VPOC Migration Pro

VPOC Migration Pro is a chart-analysis tool. It displays levels derived from market trades and does not provide financial advice or a recommendation to buy or sell. Futures and other financial instruments involve substantial risk of loss.

Bookmap is a third-party platform. VPOC Migration Pro is independently developed by SDES and is not affiliated with or endorsed by Bookmap Ltd. Bookmap is the storefront and license authority for the Marketplace edition.

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