MARSOLAB — IGAMING PRACTICE — 2026

A WALLET THAT CANNOT LOSE MONEY.

Player balances that can't go negative, can't be paid out twice, and hold up when a regulator comes asking — built on **TigerBeetle**, a financial-grade database already used by real payment companies. Delivered as a fixed-scope engagement by a senior engineering team.

FROM DUBAI, UAE 25.2°N 55.3°E MARSOLAB.COM

IT HAPPENS MORE OFTEN THAN YOU'D THINK — AND IT ADDS UP FAST.

This isn't one company's bad luck. Across the industry, thousands of players run into a wrong balance every year — and the money involved adds up quickly.

SCALE OF ONE INCIDENT	MONEY AT STAKE	HOW OFTEN IT HAPPENS
35,000+	**$10.7M**	**~10 a day**
player accounts wrongly credited by a single software fault this year — the kind of mistake that can hit any large operator without warning	paid back to players last year after disputes over missing, delayed or wrongly handled funds, tracked by an independent industry watchdog	balance and payment disputes resolved by that same watchdog last year — nearly 3,800 in total, and that's just the ones that got reported

None of this happens because someone tried to cheat the system. It happens because most systems have no built-in way to catch their own mistakes.

03 WHY THIS KEEPS HAPPENING

CASINO MONEY MOVES FAST. MOST DATABASES WEREN'T BUILT FOR IT.

Every bet, win and refund is a change to someone's balance. Popular games generate an enormous number of these changes, all at once — and when two happen at the same instant, an ordinary database can lose track.

HOW FAST	WHAT GOES WRONG	WHO'S WATCHING
400,000+	**Two at once**	**The regulator**
bets placed every minute on a single popular game, worldwide — each one a balance to update, instantly	a bet and a payout landing in the same instant can confuse an ordinary database — leaving a balance negative, or a win paid out twice	licensing bodies in the UK, Malta, Brazil and beyond now require operators to prove, on a schedule, that every balance is accurate and every player's money is safely set aside

This isn't a coding-quality problem. It's an architecture problem — and it needs an architecture fix.

04 THE FIX

PUT THE MONEY ON RAILS BUILT FOR MONEY.

A century ago, banks solved this with double-entry bookkeeping: every transaction recorded twice, so the books always balance. We use **TigerBeetle** — a modern database built the same way, purpose-made for tracking money — so mistakes aren't just easier to catch. Many of them become impossible.

NEGATIVE BALANCES **Not possible** a bet that would overdraw a player's account is rejected automatically — the database itself won't allow it	DUPLICATE PAYOUTS **Not possible** if the same payment is accidentally sent twice, the system recognizes it and only applies it once
ALREADY PROVEN **100M+** transactions processed every month by real payment companies already running this technology	BUILT TO SURVIVE FAILURE **6 copies** of your data kept in sync across different data centers, so a single outage can never lose a transaction

No casino has claimed this publicly yet — which means being early is still an advantage, not a risk.

05 TWO WAYS TO START

START SAFE, OR GO ALL-IN — YOUR CALL.

Nobody hands a new vendor the keys to their money on day one. So we built a path that doesn't ask you to.

START HERE — LOW RISK

A SHADOW LEDGER

We run the new system quietly alongside your existing wallet, comparing every transaction in real time. If anything doesn't match, you know within minutes — not at month-end. Your live system doesn't change.

4–8 weeks, fixed price.

WHEN YOU'RE READY

REPLACE THE WALLET

For operators leaving a white-label platform, or outgrowing what their current system handles. We build the new wallet, run it alongside the old one until it's proven correct, then switch over — reversible until you're sure.

About 4–5 months.

Every engagement starts with a two-week audit: we map your current system, show you exactly where the risk sits, and hand you a plan — yours to use with us or without us.

06 WHO THIS IS FOR

IS THIS YOU?

A quick read on whether this is worth a conversation.

GOOD FIT

WORTH A CONVERSATION

— You're growing past what your current system comfortably handles

— You're leaving a white-label platform and owning a wallet for the first time

— You've had a balance incident, or you're worried you might

— You're preparing for a regulatory audit or entering a new licensed market

NOT YET

MIGHT NOT BE THE MOMENT

— You're small, and your platform provider still owns your wallet

— You already run an in-house team doing this at scale

— Money accuracy isn't a current priority

Usually the conversation starts with a CTO, Head of Payments, or Head of Compliance — but anyone worried about the number being right is the right person to talk to.

07 THE ASK

START WITH A TWO-WEEK WALLET AUDIT.

We look at your current system, show you exactly where the risk is, and hand you a plan — yours to use with us or without us. **If your wallet is fine, you'll have the proof. If it isn't, you'll know before the regulator does.**

STEP 1	STEP 2	STEP 3
WALLET AUDIT	**BUILD**	**ONGOING SUPPORT**
2–3 weeks, fixed price. You get a clear picture of your risk and a plan — useful on its own.	A shadow ledger or a full wallet rebuild — scoped and priced upfront, typically $30–80k.	We keep the system current and help you add new payment or game partners as you grow.

BOOK THE AUDIT — HELLO@MARSOLAB.COM

Figures compiled Aug 2026 from public sources — full source list available on request.