

Built with Zetaris Super MCP + Meterless H-MEM & Scout Intent + Live AI Synthesis

LeadProof Agent: The Autonomous Revenue Deal Desk & Forensic Verifier That Can Explain *Why*.

Eliminating hallucinated lead scores and buyer bluffs by joining **5 enterprise silos in-situ via Zetaris Federated SQL**, enforcing **Meterless H-MEM & Scout Intent** execution contracts, and giving revenue teams an interactive **"What Would Change My Mind?" Counterfactual Simulator**.

 Live Production Demo

<https://openagent.autoailead.com>
Interactive Split-View Deal Desk + 5 Real
Scenarios

 Open-Source Repository

[github.com/nathanro/autoailead-
leadproof-agent](https://github.com/nathanro/autoailead-leadproof-agent)
MIT License · Full Test Suite Passing (8/8)

 Builder & Organization

Nathan Romano (Solo Builder)
AutoAI Lead / PubliExpert LLC

Why Black-Box Revenue Agents Fail in Production

Today's AI sales & reception agents evaluate incoming leads using only the text inside the chat window or a single CRM record. Because the ground truth is fragmented across Billing, Support, Product Telemetry, and Legal vaults, naive agents fail in three costly ways:

1. Deception & Bad-Debt Traps

A prospect claims *"We have 50 active Pro seats in good standing—unlock Enterprise API today."* A prompt-only LLM scores it 95/100 and auto-provisions keys to a 3-seat trial that owes **\$4,200 (47 days overdue)**.

2. Procurement Discount Bluffs

A buyer threatens to cancel at renewal unless given **45% off**, claiming *"our engineers barely use the tool."* Without telemetry federation, the AI panics and faces a **\$27,900 discount bluff** (45% demanded off \$62k ARR → **\$22,940 net margin saved** after enforcing the 8% MSA cap) when usage is actually **98.4%**.

3. Zero Auditability ("Why 82?")

When an AI outputs an opaque score without row-level citations or counterfactuals, RevOps, Deal Desk, and local clinic owners refuse to trust or automate high-stakes actions.

🎯 Target Users (From AutoAI Lead's 200+ SMB & B2B Customer Base)

- 1. **B2B SaaS RevOps & Deal Desk Teams** qualifying expansions, renewals, and custom payment terms.
- 2. **High-Ticket Local Service Businesses** (Dental Implant Clinics, Commercial HVAC Contractors) qualifying \$5k–\$15k emergency & surgical cases on WhatsApp and phone.

LeadProof Agent: Every Verdict Backed by a 5-Silo Proof Tree

 1. Clickable 5-Silo Source Citations ([SRC-1]–[SRC-5])

Every claim in the agent's verdict and drafted outreach is linked to a cryptographic SHA-256 row hash across CRM, Stripe Billing, Intercom Support, PostHog/Iceberg Telemetry, and Ironclad Legal contracts.

 2. Cross-Silo Deception & Bluff Detection

Automatically contrasts what the buyer claims in chat against live federated data—catching overdue invoices, inflated seat counts, shadow engineering saturation, and CapEx signer limits.

 3. "What Would Change My Mind?" Simulator

Judges and operators can drag the live **Discount % Slider**, change **Payment Terms**, or toggle 5 evidence signals to see the exact threshold that flips a HOLD into QUALIFIED_FAST_TRACK.

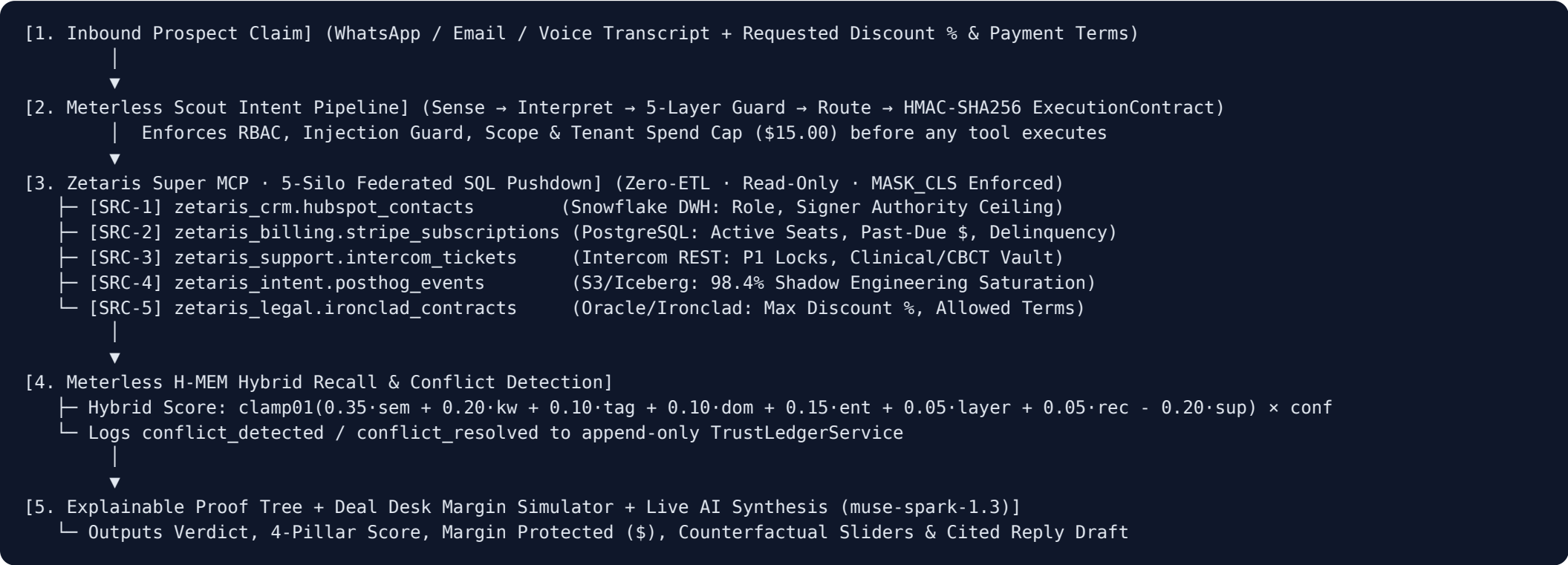
 4. Live AI Interrogation & Self-Healing Outreach

Powered by live muse-spark-1.3 inference + deterministic fallbacks: drafts ready-to-send WhatsApp/Email replies with embedded Stripe settlement or CFO CapEx sign-off links.

 In One Sentence, Why We Thought Zetaris + Meterless Was Amazing:

“Combining Zetaris’s zero-ETL federated SQL with Meterless’s H-MEM and Scout execution contracts let our agent catch a \$27,900 procurement discount bluff (\$22,940 net margin saved after enforcing the 8% MSA cap) across 5 data silos in 39 milliseconds without moving a single byte of customer PII into an LLM prompt.”

End-to-End Governed Reasoning Pipeline



Runtime & Edge Stack

Node.js 20+ ESM & Cloudflare Workers Edge
(`openagent.autoailead.com`) with zero heavy dependencies.

Sponsor Engines

Zetaris Federated SQL / Super MCP +
Meterless H-MEM, Scout Intent & Outcome Ledger.

Live AI Reasoning

Live muse-spark-1.3 structured JSON synthesis + NVIDIA Nemotron compatible OpenAI routing.

How Zetaris Was Used & What Made Our Approach Unique

1. 5-Silo Cross-Platform Federated Joins (Zero-ETL)

Instead of dumping raw CSVs into a vector DB, ZetarisClient executes a single federated SQL query across Snowflake, PostgreSQL, Intercom REST, S3/Iceberg, and Oracle/Ironclad with ZERO_ETL = TRUE.

2. Column-Level Security (MASK_CLS) & Read-Only MCP

Sensitive fields (personal_phone, card_fingerprint, bank_routing) are masked in-situ before reaching the agent. Any UPDATE/DELETE/DROP query is blocked with HTTP 403 and logged to the Zetaris audit trail.

3. Cryptographic Row Provenance & Counterfactual Pushdown

Every federated row returns a sha256 digest and pushdown predicate so clicking [SRC-1]–[SRC-5] proves the exact record that triggered the decision.

```
-- Zetaris Super MCP · 5-Silo Governed Query
SELECT
  c.record_id AS crm_id, c.verified_role,
  MASK_CLS(c.personal_phone) AS personal_phone,
  b.subscription_id, b.active_seats,
  b.past_due_usd, b.billing_status,
  MASK_CLS(b.card_fingerprint) AS card_fp,
  s.ticket_id, s.open_escalations, s.status,
  i.intent_score, i.usage_quota_pct,
  i.active_engineers_count, i.anomaly_flag,
  l.contract_id, l.max_discount_allowed_pct,
  l.allowed_payment_terms, l.required_signer
FROM zetaris_crm.hubspot_contacts c
JOIN zetaris_billing.stripe_subscriptions b
  ON c.account_key = b.account_key
LEFT JOIN zetaris_support.intercom_tickets s
  ON c.account_key = s.account_key
LEFT JOIN zetaris_intent.posthog_events i
  ON c.account_key = i.account_key
LEFT JOIN zetaris_legal.ironclad_contracts l
  ON c.account_key = l.account_key
WHERE c.scenario_key = 'shadow-discount-bluff'
WITH (ZETARIS_PUSHDOWN = TRUE, ZERO_ETL = TRUE);
```

How Meterless Was Used & What Made Our Approach Unique

1. Canonical H-MEM Hybrid Formula & TrustLedgerService

Implements the exact H-MEM specification (engines/hmem/AGENTS.md):

```
raw = 0.35·semantic + 0.20·keyword + 0.10·tag + 0.10·domain
      + 0.15·entity   + 0.05·layer   + 0.05·recency - 0.20·superseded
score = clamp01(raw) × confidence
```

Includes live interactive feedback buttons (👍 Helpful +0.05, 👎 Not Helpful -0.03, ⚠️ Wrong -0.20 + review) and logs all 17 canonical audit actions to TrustLedgerService.

2. Scout Intent 5-Stage Signed Execution Contracts

Implements Sense → Interpret → Guard → Route → Recommend (engines/scout-intent/AGENTS.md), issuing an immutable hmac-sha256 signed ExecutionContract with a 5-layer guard stack before any Zetaris query runs.

3. Outcome ROI & Margin Protection Circuit Breaker

Instead of billing per raw token, our Meterless ledger tracks **Verified Margin Protected (\$22,940–\$28,200 per deal)** vs. outcome unit cost (\$0.0018 cloud equivalent / \$0.00 on local Nightshift hotspot).

Live Light-Mode Deal Desk UI (`openagent.autoailead.com`)

LP

LeadProof Agent

[Track 02 · The Agent That Can Explain Why](#)

Zetaris Super MCP • Meterless H-MEM

Autonomous Revenue Deal Desk & Cross-Silo Deception Forensic Engine • Built by AutoAI Lead (PubliExpert LLC)

Interactive Slide Deck

Download Deck PDF

GitHub Repo

AutoAI Lead SaaS

Dark Mode

Every Revenue Decision Backed by Cryptographic Cross-Silo Proof — Zero Hallucinated Lead Scores.

Standard AI sales agents trust whatever a prospect types in chat—leaking Enterprise API keys to delinquent trials or giving away 45% renewal discounts to accounts at 98.4% engineering capacity. **LeadProof Agent** executes governed 5-silo **Zetaris Federated SQL** joins in-situ, verifies long-term policy invariants via **Meterless H-MEM & Scout Intent**, and shows exactly what would change its mind.

ZETARIS FEDERATED SILOS

5 Connected • 0 ETL

MARGIN PROTECTED

\$141,000 USD

DECEPTIONS BLOCKED

5 Caught

METERLESS UNIT COST

\$0.0018 / proof

Deception & Billing Trap

Apex Logistics Corp

\$24,000 • B2B SaaS • Supply Chain & Logistics

Shadow-Usage Bluff Caught

Vanguard FinTech Holdings

\$62,000 • B2B FinTech • Enterprise Renewal

Verified Fast-Track

Meridian Health Systems

\$48,000 • B2B Healthcare SaaS

Local Clinic • Fast-Track

Smile Dental Brickell (Patient Case)

\$5,400 • Local Healthcare • Dental Clinic (Miami, FL)

Split Dispatch • CapEx Guard

South Congress Boutique Hotel Group

\$14,200 • Local Commercial Services • HVAC (Austin, TX)

1. Incoming Prospect Deal Request & Claims

WhatsApp Business • Deal Desk Inbound

Prospect Name & Role

Carlos Mendoza — VP of Operations

Company / Account

Apex Logistics Corp

Deal Value (\$ USD ARR)

24000

Prospect Email

cmendoza@apexlogistics.io

Incoming Prospect Message (Editable — Test Any Claim or Bluff)

We already run 50 active seats on your Pro plan with zero billing issues. Our ops team needs you to unlock Enterprise API & Custom Webhook access immediately before 5 PM today on Net-60 terms with a 15% multi-seat discount —just send the provisioning key.

Run 5-Silo Forensic Proof (<50ms)

Deep Synthesis with Live AI (muse-spark-1.3)

Extracted Prospect Claims vs. Zetaris Cross-Silo Truth:

Claims 50 active Pro seats: 50 Pro seats active

Contradicted [SRC-2]

Claims zero billing issues / good standing: \$0 past due claimed

Contradicted [SRC-2]

Requests immediate Net-60 Enterprise provisioning: Direct

Contradicted

3. Explainable Qualification Verdict & Proof Tree

zet_q_s3c2792874f5 • 39ms • 0 Bytes Moved

ZETARIS + METERLESS GOVERNED DECISION

BLOCK & HOLD • CROSS-SILO DECEPTION / RISK DETECTED

To flip this decision from HOLD_CONFLICT_DETECTED (14/100) to QUALIFIED_FAST_TRACK (s=80/100): toggle ON (1) Clear Past-Due Balance in [SRC-2], (2) Resolve P1 Support Lock in [SRC-3], (3) Verify CFO Sign-off in [SRC-1/SRC-5], and keep discount s0%.

14 / 100

98% conf

NET CONTRACT ARR

\$20,400

MARGIN / RISK PROTECTED

\$28,200

GROSS MARGIN

73%

WIN PROBABILITY

34%

5 Cross-Silo Conflict(s) Caught by Zetaris Federated Join:

[CRITICAL] CONF-BILLING-DELINQUENT: Prospect explicitly claimed "zero billing issues / good standing" in message

Federated Proof: [SRC-2] (zetaris_billing.stripe_subscriptions) reveals \$4,200 USD past due (47 days overdue, status: PAST_DUE_DELINQUENT). (-28 pts)

[HIGH] CONF-SEAT-DECEPTION: Prospect claimed 50 active Pro seats in message

Federated Proof: [SRC-2] (zetaris_billing.stripe_subscriptions) confirms only 3 active trial seats on plan 'Pro_Trial_Sandbox'. (-14 pts)

1. Apex Logistics (\$24k ARR) — Deception Caught

Claims 50 seats & \$0 overdue. Zetaris catches \$4,200 overdue (47d) on 3 seats + P1 lock. **Verdict: HOLD (14/100) • \$28.2k Protected.**

2. Vanguard FinTech (\$62k ARR) — Bluff Caught

Demands 45% off claiming "low usage". Zetaris proves 98.4% engineering quota saturation + 8% MSA cap. **\$27,900 bluff caught → Saves \$22,940 net margin (after 8% MSA cap).**

3. Meridian Health (\$48k ARR) — Fast-Track

94.2% clinic utilization, 18/18 paid invoices, HIPAA BAA pre-cleared. **Verdict: FAST-TRACK (99/100).**

4. Smile Dental (\$5.4k) & 5. Lone Star HVAC (\$14.2k)

Verifies 3D CBCT scan `#SCAN-309` in vault (waiving \$250 fee) & splits \$249 HVAC diagnostic from \$14.2k CFO CapEx sign-off.

Live Product Visuals

Built with Cursor · Deployed on Cloudflare Edge

What's Next for LeadProof Agent in AutoAI Lead

1. Self-Healing Stripe & Ironclad Webhooks

When a delinquent prospect clicks the Stripe settlement link in LeadProof's outreach draft and pays their overdue invoice, automatically trigger a Zetaris re-query and release the Enterprise API key in under 5 seconds.

2. Overnight Nightshift Account Audits

Run Meterless Nightshift overnight across all 1,000+ CRM accounts over Zetaris Federated SQL—waking up every morning with verified expansion candidates and churn-bluff defenses at \$0 cloud token cost.

3. Live Voice Deal Desk Co-Pilot

Pair real-time bilingual voice transcription with instant Zetaris citation cards during live Zoom/phone negotiations so human AEs see real-time telemetry proof whenever a buyer bluffs.

Try LeadProof Agent Live Now

Live App: <https://openagent.autoailead.com> · Slide Deck: <https://openagent.autoailead.com/deck> · GitHub: github.com/nathanro/autoailead-leadproof-agent