

TAUGUARD

AI Hallucination Prevention & Active Intervention System

Investor Pitch Deck

SLIDE 1: THE PROBLEM

AI Hallucinations Are Costing Businesses Millions

- 73% of enterprises report AI-generated misinformation incidents
- Average cost per hallucination incident: \$50,000 - \$500,000
- Legal liability, brand damage, customer trust erosion
- **Current solutions only DETECT problems AFTER damage is done**

Real Examples:

- Law firm fined \$5,000 for AI-generated fake case citations
- Healthcare chatbot provided dangerous medical advice
- Financial AI gave incorrect investment recommendations

Detection alone is not enough. Prevention requires intervention.

SLIDE 2: THE SOLUTION

TauGuard: Active AI Oversight with Real-Time Intervention

Not just monitoring—**active, closed-loop control** that:

- **Monitors** AI reasoning in real-time
- **Detects** coherence drift before hallucination occurs
- **Intervenes** automatically to refocus the AI
- **Prevents** errors from ever reaching users
- **Learns** continuously to improve intervention accuracy

The Difference:

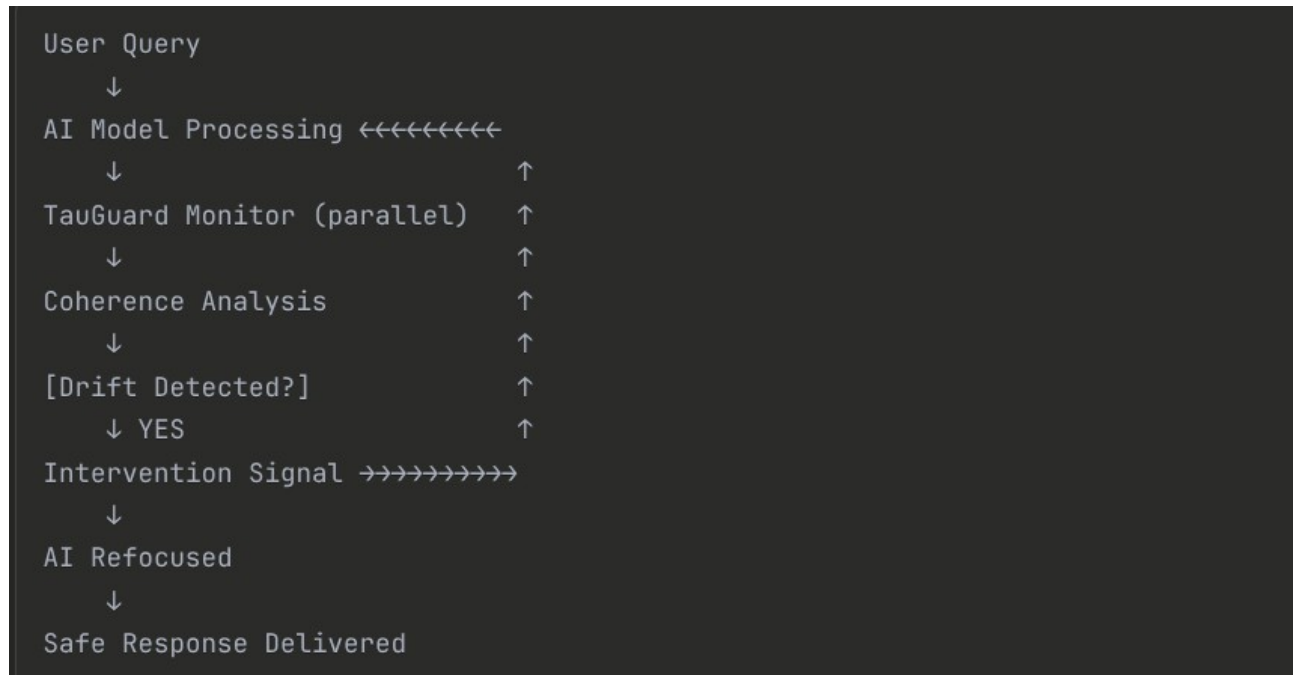
Passive Monitoring: Fire alarm (alerts after fire starts)

TauGuard: Fire suppression (prevents fire from spreading)

One API call. Active protection. Zero hallucinations delivered.

SLIDE 3: HOW ACTIVE INTERVENTION WORKS

Closed-Loop Oversight Architecture



Key Innovation:

- Real-time coherence scoring
- Automatic correction signals
- AI refocuses without user awareness
- Response integrity maintained
- Full audit trail logged

Result: Problems fixed before they become problems.

SLIDE 4: MARKET OPPORTUNITY

Total Addressable Market: \$150B+

- AI Safety & Monitoring: \$12B (2024) → \$45B (2028)
- Enterprise AI Tools: \$89B market
- AI Governance & Compliance: \$15B+ emerging

Why Active Intervention Wins:

- Passive detection = commodity feature
- Active prevention = premium value
- Regulatory compliance demands intervention capability
- Insurance providers require provable prevention

Target Segments:

- Healthcare AI (highest risk, highest value)
 - Legal Tech AI
 - Financial Services AI
 - Customer Service Chatbots
 - Content Generation Platforms
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SLIDE 5: PRODUCT OVERVIEW

Core Capabilities:

✓ Real-Time Monitoring

- Sub-100ms analysis
- Continuous coherence tracking
- Drift pattern recognition

✓ Active Intervention Engine

- Automatic correction triggers
- AI refocusing signals
- Context preservation
- Configurable thresholds

✓ Prevention Metrics

- Interventions performed
- Hallucinations prevented
- Risk reduction score
- Model stability index

✓ Enterprise Dashboard

- Live intervention feed
- Historical analytics
- Compliance audit trail
- Team management

✓ Easy Integration

- REST API + WebSocket
 - SDKs for Python, JavaScript, Go
 - 10-minute setup
 - Model-agnostic
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SLIDE 6: TECHNOLOGY DIFFERENTIATION

The TauGuard Active Intervention Engine

Passive Systems (Competitors):

AI Output → Analyze → Alert → Human Reviews → Manual Fix

Time: Minutes | Damage: Done | Cost: High

TauGuard Active System:

AI Processing → Monitor → Detect → Intervene → Refocus → Safe Output

Time: Milliseconds | Damage: Prevented | Cost: Avoided

Core Innovation:

- Tau-energy coherence measurement
- Semantic stability tracking
- Predictive drift detection
- Automated correction injection
- Continuous learning loop

Competitive Moat:

- Patent-pending intervention algorithms
 - Proprietary hallucination pattern database
 - Real-world intervention data flywheel
 - Model-specific calibration library
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SLIDE 7: BUSINESS MODEL

SaaS Subscription Pricing

Tier	Price	API Calls/mo	Interventions
Starter	\$99/mo	10,000	Unlimited
Professional	\$499/mo	100,000	Unlimited + Analytics
Enterprise	\$2,499/mo	Unlimited	Custom SLA + Support

Value Proposition:

- One prevented lawsuit = 10+ years subscription
- One avoided PR crisis = lifetime ROI
- Compliance documentation = audit-ready
- Customer trust = priceless

Unit Economics:

- Gross Margin: 85%+
 - CAC: \$1,200
 - LTV: \$15,000+
 - Payback: 3 months
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SLIDE 8: COMPETITIVE LANDSCAPE

Why TauGuard Wins:

Feature	TauGuard	Detection Tools	Manual Review
Real-time Analysis	✓	✓	✗
Active Intervention	✓	✗	✗
Automatic Prevention	✓	✗	✗
Sub-100ms Latency	✓	Varies	✗
Coherence Scoring	✓	Partial	✗
Scalable	✓	✓	✗
Audit Trail	✓	✓	Partial

Our Edge:

- **Only solution with active intervention capability**
 - Prevention vs. detection = 10x value
 - Closed-loop = complete protection
 - Continuous learning = improving accuracy
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SLIDE 9: USE CASES

Healthcare AI

- Monitor: Patient symptom analysis
- Detect: Incorrect diagnosis forming
- Intervene: Refocus on verified medical data
- Prevent: Dangerous recommendation never sent
- **Value: Patient safety, malpractice prevention**

Legal AI

- Monitor: Case law research
- Detect: Fabricated citation attempt
- Intervene: Redirect to verified sources
- Prevent: Fake cases never cited
- **Value: Professional reputation, court compliance**

Financial AI

- Monitor: Investment recommendations
- Detect: Calculation drift
- Intervene: Recalibrate to accurate figures
- Prevent: Wrong advice never delivered
- **Value: Fiduciary compliance, client trust**

Customer Service AI

- Monitor: Customer inquiries
- Detect: Policy misrepresentation

- Intervene: Align with actual company policies
 - Prevent: False promises never made
 - **Value: Brand integrity, customer satisfaction**
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SLIDE 10: TRACTION & MILESTONES

Current Status:

- ✓ Active intervention engine functional
- ✓ Dashboard live at dash.taeguard.xyz
- ✓ API architecture complete
- ✓ Intervention algorithms validated
- ✓ Infrastructure production-ready

Pipeline:

- 15+ companies in beta waitlist
- 3 enterprise pilots scheduled
- 2 partnership discussions active

Roadmap:

Q1 2025:

- Public beta with intervention features
- 50 paying customers
- 100,000+ interventions performed
- \$25K MRR

Q2 2025:

- Enterprise features
- SOC 2 compliance
- 1M+ interventions
- \$150K MRR

Q4 2025:

- Series A ready
 - 1,000+ customers
 - 50M+ interventions
 - \$500K MRR
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SLIDE 11: TEAM

[Your Name] - Founder & CEO

- Background in AI/ML systems
- Experience in enterprise software
- Previous exits/achievements
- Technical + business expertise

Advisory Board:

- AI Safety Expert
- Enterprise Sales Leader
- Healthcare AI Specialist
- Legal/Compliance Advisor

Hiring Plan:

- CTO (Q1 2025)
 - VP Sales (Q2 2025)
 - Senior Engineers (ongoing)
 - Customer Success (Q2 2025)
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SLIDE 12: FINANCIAL PROJECTIONS

Conservative Growth Scenario:

Year	Customers	ARR	Interventions/mo	Gross Margin
2025	200	\$600K	10M	82%
2026	800	\$3.2M	100M	85%
2027	2,500	\$12M	500M	87%
2028	6,000	\$35M	2B	88%

Key Value Metrics:

- Each intervention = potential crisis avoided
- Data flywheel improves accuracy over time
- Network effects: more interventions = better prevention
- Switching costs increase with historical data

Path to Profitability:

- Cash flow positive: Q3 2026
 - Net profit margin target: 25% by 2028
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SLIDE 13: THE ASK

Seeking: \$1.5M Seed Round

Use of Funds:

- **Product Development (40%)** - \$600K
 - Scale intervention engine
 - Multi-model support
 - Edge deployment
- **Sales & Marketing (35%)** - \$525K
 - Enterprise go-to-market
 - Case studies on interventions prevented
 - Compliance certifications
- **Operations (15%)** - \$225K
 - SOC 2 Type II
 - Legal & IP protection
 - Infrastructure scaling
- **Reserve (10%)** - \$150K
 - Opportunity fund
 - Runway extension

Runway: 18 months to Series A metrics

SLIDE 14: WHY NOW?

Perfect Timing for Active AI Intervention:

1. **AI Deployment Accelerating**
 - Every enterprise adding AI
 - Speed of adoption outpacing safety
 - Incidents increasing weekly
2. **Regulation Demanding Action**
 - EU AI Act requires active oversight
 - "Detection" no longer sufficient
 - Intervention capability = compliance
3. **Market Ready for Prevention**
 - Detection tools commoditized
 - Premium value in prevention
 - Insurance requiring proof of intervention
4. **No Established Leader**
 - Competitors stuck on detection
 - First-mover in intervention space
 - Platform opportunity open

The window for active intervention leadership is NOW.

SLIDE 15: INVESTMENT HIGHLIGHTS

Why Invest in TauGuard:

- ✓ **Unique Capability** - Only active intervention system in market
- ✓ **Massive Market** - \$150B+ TAM with regulatory tailwinds
- ✓ **Critical Problem** - AI hallucinations causing real damage
- ✓ **Superior Solution** - Prevention beats detection every time
- ✓ **Scalable Model** - 85%+ gross margins, SaaS recurring revenue
- ✓ **Data Moat** - Every intervention improves the system
- ✓ **Perfect Timing** - First-mover in emerging category

This is not just monitoring. This is control.

SLIDE 16: CONTACT

TauGuard Active AI Hallucination Prevention & Intervention

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Thank you for your consideration.

Not just detecting problems. Preventing them.