

TauGuard Executive Summary

Real-Time AI Hallucination Detection for Enterprise Safety

Prepared by Michal Harcej – Founder, TauGuard

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The Problem: AI Hallucinations Are a Growing Enterprise Threat





As organizations rapidly integrate large language models (LLMs) into critical workflows, they face an urgent and costly problem: **AI hallucinations** — confidently incorrect outputs that damage trust, introduce legal risk, and fail compliance in high-stakes environments like healthcare, finance, legal, and government.

- Hallucinations **cannot be eliminated** by model architecture alone
- Manual reviews **don't scale**
- Most current tools **lack real-time semantic awareness**

With **regulations (EU AI Act, HIPAA, ISO/IEC)** requiring explainability and auditability, the need for reliable AI oversight infrastructure has become **urgent and inevitable**.

Our Solution: Real-Time Hallucination Detection Engine

TauGuard is the first enterprise-grade oversight layer for LLMs that:

-  **Analyzes AI output in real-time** using semantic and topological drift detection
-  **Flags or blocks hallucinations before** they reach end users
-  **Visualizes drift and confidence** via an interactive dashboard
-  **Logs events for full audit trails and compliance**

With sub-3ms latency and 99.7% accuracy in prototype testing, TauGuard enables enterprises to **deploy AI at scale — safely and transparently**.

Business Model

TauGuard is a **B2B SaaS platform** with modular API and dashboard access.

Plan	Monthly Price	Target Segment
Pilot	\$1,500	Startups / innovation pilots
Standard	\$5,000	Mid-market AI teams
Enterprise	\$12,000+	Regulated, multi-model deployments
Add-on: Audit-Ready Compliance Reports (\$2K–\$5K per report)		



Market Opportunity

- 🌐 **\$150B+ TAM** by 2030 (AI governance & oversight)
- 📊 **85% of enterprises** adopting AI by 2025 (Gartner)
- ⚖️ **Regulatory push** (EU AI Act, HIPAA, ISO/IEC) accelerating adoption
- 💰 AI hallucination-related errors cost enterprises **\$10B+ annually**

TauGuard targets the **AI observability + governance layer**, where first-movers can win long-term contracts and infrastructure integration.



Traction & Milestones

- ✅ **MVP Completed** — live detection engine, analytics dashboard, working API
 - ✅ **System latency < 3ms**, 99.7% accuracy in prototype tests
 - 🔄 **Pilot-ready** — seeking design partners in health/legal/finance
 - 🔒 **Patent pending** — core detection method & real-time oversight flow
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Founder

Michal Harcej, Founder & Developer

- Built full-stack MVP solo
 - AI/ML, semantic systems, SaaS infrastructure background
 - Combines deep technical execution with vision for scalable safety infrastructure
 - Ready to hire founding team: CTO, ML engineer(s), Sales Lead, Customer Success
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Seed Round Details

Goal **\$1.5M Seed (SAFE or Equity)**

Product Dev	40% — Production-grade platform, SOC 2, multi-model support
Team Hiring	30% — CTO, ML engineers, sales
GTM & Pilots	20% — 5–10 design partners, marketing
Ops & Legal	10% — Compliance, infra, corp setup

Target Metrics by Q4 2026:

- \$500K ARR
 - 20+ paying enterprise customers
 - Production platform ready for Series A
 - Path to \$10M+ ARR and 75% gross margin within 3 years
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Contact & Demo



michalharcej@gmail.com



www.taeguard.xyz



Deck & demo available on request