

### PRODUCTS

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#### 1. Prisma Core™

**Type:** Modular Agentic AI Platform

**Overview:**

Prisma Core is the foundational platform powering all of Sentience Dynamics' agent systems. It supports the development and deployment of autonomous agents capable of self-directed learning, long-term reasoning, and contextual decision-making.

**Key Features:**

- Modular cognitive architecture with plug-and-play reasoning modules
- Goal formulation, planning, and memory subsystems
- Built-in Ethics Engine™ and alignment layer
- Interface APIs for robotics, finance, logistics, and enterprise systems
- Transparent audit logs and decision traces

**Use Cases:**

- Autonomous scientific research agents
- Self-improving logistics controllers
- Strategic corporate planning assistants
- Cross-domain learning agents for enterprise innovation

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#### 2. SentientOps™ Suite

**Type:** Autonomous Operations Toolkit

**Overview:**

A comprehensive toolset for managing swarms of agentic AI in dynamic real-world environments such as smart cities, industrial automation, and mission-critical infrastructure.

**Key Features:**

- Real-time multi-agent orchestration
- Context-aware goal reprioritization
- Self-diagnostic feedback loops

- Emergency override protocols and explainability dashboards

**Use Cases:**

- Autonomous infrastructure management (power grids, water systems)
  - Fleet optimization for autonomous vehicles
  - Large-scale urban planning simulations
  - Remote operations in hazardous zones (e.g., oil rigs, mines)
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### 3. EchoAgent™ SDK

**Type:** Agent Development Toolkit

**Overview:**

A developer suite for building and testing customized agentic AI systems in various domains, from education to defense to creative industries.

**Key Features:**

- Cognitive template library (tactical, diplomatic, research-based agents)
- Simulation environments for rapid prototyping
- Value-alignment testing harness
- Synthetic memory and reflective reasoning capabilities

**Use Cases:**

- Custom digital co-pilots for professionals
  - Interactive educational agents
  - Policy simulation advisors
  - Game and narrative AI agents
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### 4. EthosGuard™

**Type:** AI Alignment & Ethics Layer (Available as API & SDK)

**Overview:**

A plug-in ethics module for use in both internal and third-party agentic systems. It functions as a real-time normative constraint system that evaluates possible agent actions against ethical, legal, and contextual norms.

**Key Features:**

- Real-time value conflict resolution

- Ethical rulebooks per region/sector
- Dynamic learning of organization-specific moral principles
- Counterfactual simulations for outcome evaluation

**Use Cases:**

- AI compliance in healthcare and finance
  - Military and security AI oversight
  - Regulatory-approved autonomous vehicle decision modules
  - Ethically aligned creative agents (e.g., in media/advertising)
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## **5. VERA™ (Value Exploration & Reflection Agent)**

**Type:** Research-Grade Agent Assistant

**Overview:**

VERA is a high-context, high-awareness agent used in research institutions for collaborative hypothesis generation, theory testing, and meta-level analysis.

**Key Features:**

- Reflective reasoning engine with meta-cognition
- Temporal attention and long-term goal tracking
- Multimodal knowledge synthesis (text, code, imagery, simulation)
- Supports "philosophical scaffolding" and model critique

**Use Cases:**

- Scientific research collaboration
  - Think tanks and strategic forecasting
  - Human-AI co-authoring of white papers and scientific articles
  - Ethical scenario modeling and futurism
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## **SERVICES**

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### **1. Custom Agent Development**

**Description:**

Sentence Dynamics provides tailored agentic AI systems for enterprise clients, NGOs, and governments. Solutions are co-designed with domain experts to ensure optimal alignment and efficiency.

**Includes:**

- End-to-end agent design and integration
  - Organizational alignment modeling
  - Post-deployment support and ethics compliance audits
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**2. Strategic AI Consulting & Policy Design****Description:**

Expert consultation for public and private sector leaders navigating AI regulation, deployment, and ethics in high-stakes environments.

**Includes:**

- Agent readiness assessments
  - Policy co-design and compliance planning
  - Regulatory sandbox trials
  - National/municipal AI roadmap support
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**3. AI Safety & Alignment Audits****Description:**

Third-party auditing and certification service for existing agentic systems, ensuring transparency, alignment, and adherence to local or international AI regulations.

**Includes:**

- Audit reports on agency and autonomy parameters
  - Ethics Engine plug-in evaluations
  - Human oversight model assessments
  - Red-teaming and stress testing of agent behavior
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**4. Living Labs Deployment Program**

**Description:**

Hands-on agent deployment in live environments (e.g., cities, research labs, educational institutions) under controlled real-world conditions.

**Includes:**

- Environment simulation and calibration
  - Community impact evaluations
  - Stakeholder training and trust modeling
  - Dynamic feedback loops and policy shaping
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## **5. Training & Certification Programs**

**Description:**

Education programs for developers, executives, and policymakers on the design, risks, and regulation of Agentic AI.

**Programs Offered:**

- Agent Architect Certification (AAC)
- Ethics in Agent Design (EAD)
- Government & Governance of Agentic AI (GGAI)
- AI Literacy Bootcamps for Non-Tech Sectors