Sema4.ai Releases Advanced Platform Upgrade, Delivering Smarter Agents, Deeper Business Context, and Simplified Deployment

Enterprise-ready architecture enables teams to build, connect, and govern AI agents faster, with deeper operational understanding across business systems.

Reduces deployment friction to near zero, while allowing distributed teams to collaborate in the same environment.

San Francisco, CA – June 2, 2026 – Sema4.ai, the enterprise AI agent company, today announced its most comprehensive platform update yet, delivering major advances across every layer of the stack: how AI agents are built, how they capture and understand business context, and how easy they are to deploy in the enterprise.

The release addresses the root causes of stalled enterprise AI programs, delivering meaningful improvements in how teams create, connect, and govern AI agents for complex back-office work.

"Enterprise AI has been slowed by fragmented systems, disconnected data, and tools built primarily for developers instead of the people doing the work today," said Paul Codding, co-founder and SVP of Product and Customer Experience at Sema4.ai. "This release makes enterprise AI agents dramatically easier to build and deploy while giving them a much deeper understanding of how businesses actually operate. Agents should be able to reason and adapt to business concepts, not just columns and rows."

Reimagined Agent Builder: from idea to running an agent in minutes
Building enterprise AI agents has traditionally required deep technical expertise. Sema4's new Agent Builder eliminates that barrier. Business users can now speak, type, or upload standard operating procedures (SOPs) to generate fully functional agent runbooks through an AI-guided workflow.

Key updates include:

- **Full agent lifecycle support:** no local installs, no specialized tooling. It is accessible to the entire organization.
- **Voice, text, and document input**: create agents from natural language or existing process documentation.
- **Pre-built skills and persistent agent memory:** agents can retain corrections, learn from exceptions, surface workflow recommendations, and compound institutional knowledge over time.
- **MCP Access Gallery:** connect agents to more than 40 enterprise systems — including Snowflake, Slack, Jira, GitHub, Google Workspace, and HubSpot — in minutes, not days.
- **Federated and verified queries:** ask a single question across databases, spreadsheets, and enterprise systems with deterministic, audit-ready outputs.

The Business Context Layer: Agents that understand how your business works
The new Business Context Layer enables AI agents to understand how enterprise data is connected across systems, databases, and operational workflows. It introduces business ontologies that map relationships among customers, invoices, purchase orders, shipments, and vendors, allowing agents to reason about business concepts instead of database tables and columns.

This eliminates data silos that prevent cross-system reasoning, so agents can answer questions and execute workflows that span your entire enterprise data landscape – all without custom integration code or manual data joining.

Additional semantic layer enhancements improve performance across complex multi-source joins while enabling business users to browse, connect, and query enterprise data without requiring SQL or Python expertise.

Enterprise-ready architecture: built for scale, compliance, and trust
The new architecture simplifies and accelerates deployments, expanding availability across AWS, GCP, Azure, and Snowflake. New platform insight capabilities provide analytics and audit-ready execution logging.

“This offering reflects our commitment to making enterprise AI agents more accessible to the business users who understand the work, more connected to the systems where data lives, and more trustworthy for enterprise operations,” continued Codding. “Every improvement compounds: agents that are easier to build get deployed faster, agents with deeper business context deliver more accurate outcomes, and agents running on a simpler architecture reach production sooner.”

Organizations interested in seeing how Sema4.ai enables business users to build, govern, and scale enterprise AI agents across finance and operations can request a demo at Sema4.ai.

About Sema4.ai
Sema4.ai provides a comprehensive enterprise AI agent platform that enables organizations to build, run, and manage AI agents at scale. The platform empowers business users to create intelligent agents using natural language, connect agents to enterprise applications and data through pre-built actions and universal connectivity, and manage the full agent lifecycle with enterprise-grade security and governance. Sema4.ai is trusted by leading enterprises to transform business operations through autonomous, intelligent agents that work continuously with transparency, auditability, and control.

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