

The Future of Agentic Supervision

Artefact unveils a groundbreaking study on Agentic AI governance

Paris, June 10th, 2025 – Global data & AI consulting firm **Artefact** has released an exclusive new study titled *“The Future of Agentic Supervision”*, offering a pioneering framework to help organizations govern and scale Agentic AI systems with confidence.

As enterprises begin deploying autonomous AI agents capable of taking initiative, making decisions, and interacting dynamically with systems and users, the need for structured oversight becomes urgent. While promising dramatic gains in productivity, these agents also introduce new classes of risks: unintended behaviors, opaque reasoning paths, compounding errors across chains of tasks, and potential misalignment with enterprise values or regulatory constraints.

Artefact’s study provides a strategic lens to anticipate and manage these emerging risks, helping organizations avoid the pitfalls of “black box” automation. Rather than treating Agentic AI as a mere technical evolution, the study positions it as a governance challenge; one that requires new tools, practices, and roles to ensure agents remain reliable, controllable, and accountable at scale.

A structured framework to master the complexity of AI agents

Moving beyond a technical overview, the study introduces a three-layered governance model designed for the age of autonomous agents:

- **Observe** – Ensure transparency and traceability of agents’ decisions and behavior
- **Evaluate** – Measure performance, robustness, and alignment with business rules
- **Supervise** – Establish human oversight in increasingly autonomous systems

This approach bridges the gap between what used to be managed by tech teams and what now requires cross-functional, business-driven oversight. As Agentic AI becomes embedded into workflows, the “supervision of AI” becomes the new work, a shared responsibility between business leaders, tech teams, and governance bodies.

An operational guide for responsible AI deployment

Based on Artefact’s hands-on experience with leading organizations across sectors such as telecommunications, luxury and retail, energy and utilities, automotive, finance, and tech, the study maps the rapidly evolving ecosystem of observability, evaluation, and supervision tools designed to support Agentic AI governance. Each solution is analyzed through the lens of reliability, behavioral compliance, and security.

But beyond tools, the report highlights a critical need for shared governance standards. As AI agents scale, companies can no longer manage supervision in isolation.

The future will require standardized certifications, possibly at the national or even international level, to answer questions like: *Is your AI secure enough? Who's accountable for its decisions?* Without clear frameworks, even well-intentioned deployments risk creating blind spots.

Artefact at the forefront of responsible AI innovation

With this publication, Artefact reaffirms its leadership in shaping the next generation of enterprise AI. *"The Future of Agentic Supervision"* is both a practical playbook and a strategic call to action:

Companies must now build the governance capabilities to keep AI agents safe, aligned, auditable and truly useful.

👉 The full study is available for free at artefact.com/agentic-supervision

About Artefact:

Artefact is a French consulting and engineering company specializing in data and AI, and a leader in Europe. Headquartered in Paris, we are now present in 25 countries across all continents, with 1,700 employees.

Our mission is to help businesses unlock the full potential of AI and data by developing tailored solutions that address their specific business challenges. As pioneers in this field, we combine technological expertise with operational excellence, collaborating with major market players. Our clients span all key economic sectors — industry, retail, luxury, fast-moving consumer goods, healthcare, finance — and include large international corporations.

Beyond consulting, we are actively committed to ethical and accessible AI. We have launched the "School of Data" to support career transitions into tech professions and established AI research centers in Paris and Shanghai.

PRESS CONTACT:

maud.ollieric@taddeo.fr / +33 6 23 38 90 09