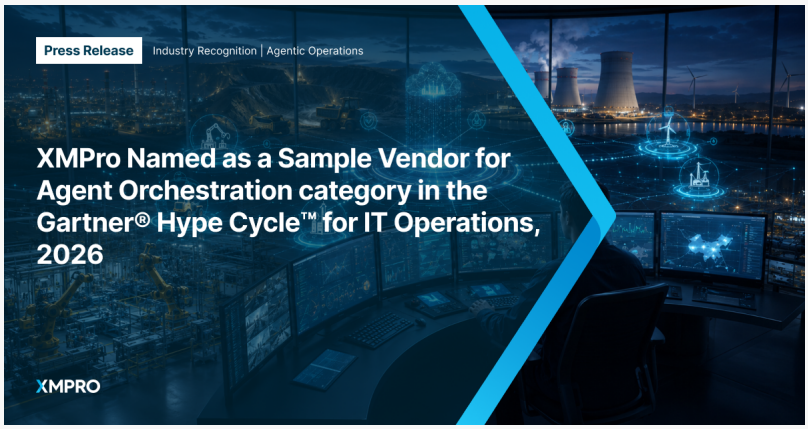
# XMPro Named as a Sample Vendor for Agent Orchestration category in the Gartner® Hype Cycle™ for IT Operations, 2026

*XMPro APEX is the unified control plane for industrial agentic operations: identity, policy, audit, and cost-per-decision in one supervisory layer.*



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DALLAS, TX, UNITED STATES, July 10, 2026 /EINPresswire.com/ -- XMPro, the agentic operations platform for asset-intensive and mission-critical industries, today announced it has been named as a Sample Vendor for Agent Orchestration in the Gartner Hype Cycle for IT Operations, 2026, published 24 June 2026.

"In our opinion, Agent Orchestration appearing in the Gartner Hype Cycle for IT Operations reflects exactly the problem I&O leaders are now solving in production: how to govern, audit, and account for AI agents at enterprise scale. XMPro built APEX, MAGS, and StreamDesigner around the answer to that question from day one. APEX is the orchestration control plane: every agent has an identity, a policy boundary, an audit trail, and an objective function. The Control Tower exposes the cost-per-decision economics teams need to manage agentic AI as a production capability, not a pilot."

— Pieter van Schalkwyk, CEO, XMPro

According to Gartner, "Agent orchestration represents the next stage of agentic AI evolution as networks of diverse, specialized agents interact dynamically to solve multifaceted problems, adapt to environmental changes and continuously optimize their collective performance. These can be agents interacting with multiple applications to achieve a particular goal for the user." (1)

Gartner assigns Agent Orchestration a "High" benefit rating in the Hype Cycle, with market penetration of less than 1% of target audience and "Emerging" maturity. (1)

On why orchestration matters, Gartner states: "The current AI agent implementations are mostly built with individual, task-specific agents built for specific tasks, which are very focused and provide incremental benefits. Therefore, this creates a value gap for enterprise-scale AI adoption. This is leading to a technical debt and a rise in security and risk issues due to agent sprawl. Therefore, without orchestration, AI agents will sprawl across the enterprise and become chaotic and unmanageable, limiting business impact." (1)

On the business impact, Gartner states: "Agentic orchestration represents the rise of a new control plane from record keeping to delivering business outcomes. It enables transparent economics of AI agents — tracking automation mix, SLA attainment, and cost per decision — and aligning monetization to proven outcomes. Furthermore, it can bridge gaps between disparate systems, such as ERP, CRM, HCM and more, allowing agents to access, analyze, and act on data across the enterprise securely and work on complex tasks at scale." (1)

On the drivers, Gartner states: "As these AI agents evolve, they will need a control plane to generate workflows, an execution plane and a governance engine to enforce SLAs and policies." (1)

Gartner also identifies the "unification promise": "Agent sprawl is creating unmanaged security and risk issues for the enterprise. Moreover, there is a value gap created by the current deployments due to the misalignment with the business outcomes. Agentic orchestration holds the promise of unifying these task-specific agents and provides a mechanism to align them to the business outcomes." (1)

On the obstacles, Gartner states: "There are fragmented pieces of agentic orchestration in the name of management plane, agentic fabric, control tower, trust center and governance, which needs to be brought together in a unified manner." (1)

"We believe industrial operations cannot scale agentic AI on a patchwork of control planes, governance tools, and audit add-ons," said Pieter van Schalkwyk, CEO of XMPro. "APEX is one unified orchestration layer: identity, policy boundary, audit trail, SLA, and cost per decision for every agent, in one place. MAGS provides the multi-agent collaboration framework. StreamDesigner connects agents to SCADA, PLCs, historians, and ERP systems. Composite AI grounds reasoning in physics and process logic. The Operational Identity Model anchors every agent in real industrial context. That unified architecture is what makes Agent Orchestration governable, not just possible."

How we think XMPro's Agentic Operations Platform Aligns to Agent Orchestration Requirements

The XMPro Agentic Operations (AO) Platform combines industrial intelligence infrastructure with the Multi-Agent Generative Systems (MAGS) framework on top of a composite AI core. APEX is

the unified Agent Orchestration control plane that brings the fragmented pieces (management plane, agentic fabric, control tower, trust center, governance) together for industrial operations.

Unified orchestration control plane (APEX). APEX provides centralized lifecycle management, governance controls, and supervisory monitoring across agent teams in one layer. Every agent has an identity, a policy boundary, an audit trail, and an objective function before it runs. The Control Tower exposes the economics of agent operations: automation mix, SLA attainment, escalation rates, and cost per decision.

Multi-agent collaboration framework (MAGS). Specialized AI agents coordinate under bounded autonomy, sharing insights, reaching consensus on recommendations, and escalating to human operators when confidence thresholds are not met. MAGS provides the architectural pattern for distributed decision-making across industrial workflows.

Cross-system integration (StreamDesigner). XMPro connects directly to SCADA, PLCs, historians, ERP, CRM, and HCM systems via StreamDesigner, building governed intelligence pipelines that let agents access, analyze, and act on data across the enterprise securely.

Composite AI architecture. XMPro combines generative AI for reasoning with symbolic AI, first-principles models, and causal AI for task execution. Agent decisions are grounded in physics, process logic, and causal models, not in language-model heuristics alone.

Domain specialization through the Operational Identity Model (OIM). XMPro MAGS agents are configured against the OIM, which encodes institutional process knowledge, equipment relationships, and operational constraints. Agents reason against this domain context rather than against generic enterprise data.

Bounded autonomy and policy enforcement. Deontic policy rules define what agents can and cannot do, with role-based permissions, consensus mechanisms for critical decisions, and comprehensive audit trails for compliance in regulated industrial environments.

XMPro's APEX platform and Multi-Agent Generative Systems (MAGS) framework are available immediately for industrial enterprises seeking to deploy unified Agent Orchestration with bounded autonomy in mission-critical environments.

For more information, visit www.xmpro.com.

(1) Source: Gartner, Hype Cycle for IT Operations, 2026, Paul Wang, Roger Williams, Tobi Bet, Leo Li, Mark Margevicius, 24 June 2026.

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About XMPro
XMPro is the agentic operations platform that takes industrial enterprises from monitoring to autonomous operations, on one platform, at their own pace, without changing tooling. The XMPro AO Platform combines industrial intelligence infrastructure with Multi-Agent Generative Systems (MAGS) to give AI agents the operational context, institutional knowledge, and governed execution surface they need to run industrial operations autonomously. XMPro serves Fortune 500 companies across manufacturing, mining, energy, utilities, and other asset-intensive sectors. Headquartered in Dallas, Texas, XMPro has been solving complex challenges for global industrial companies since 2009.

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