

Robot Industries establishes RiA Ecosystem Manager as the orchestration layer for multi-brand and autonomous systems

BERLIN, GERMANY, February 17, 2026 /EINPresswire.com/ -- Robot Industries GmbH today announced the establishment of [RiA Ecosystem Manager](#), a unified platform designed to transform industrial [automation](#) by shifting the paradigm from complex programming to real-time visual orchestration.

As manufacturers and smart infrastructure operators grapple with a critical skills gap and fragmented robotic fleets that operate in silos, RiA Ecosystem Manager offers a definitive solution: the human as conductor, the robot as instrument.

Orchestration over programming
The platform eliminates the barrier of classical programming. Through an intuitive, centralized interface, managers can now visualize and command their entire fleet in real-time. Whether coordinating bending units on a factory floor, autonomous cleaning fleets in a facility, or humanoid assistants, users can synchronize operations without writing a single line of code.

"As autonomy expands beyond individual machines, orchestration becomes more important than hardware," explains Robot Industries. "RiA connects multi-vendor robots, AI agents, and legacy systems into one coherent ecosystem where they synchronize, intervene where needed, and coordinate actions to solve complex missions autonomously."

Core capabilities: universal compatibility and orchestration
RiA Ecosystem Manager is engineered to handle the scale of modern operations, addressing the



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industry's need for interoperability above all else:

- Universal multi-brand compatibility: unlike closed systems, RiA unifies heterogeneous fleets (different brands, architectures, and technologies) into a single dashboard, breaking the "vendor lock-in" that limits scalability.
- Visual fleet orchestration: managers can monitor connectivity, assign missions, and adjust workflows instantly, transforming the manager into an orchestrator.
- Intelligent collaboration: robots act as a cohesive team; they can synchronize based on proximity and task urgency, allowing one unit to intervene for another to maintain workflow continuity.
- Digital twin simulation: users can run advanced scenarios before production begins, validating workflows to prevent costly physical errors.
- AI-driven optimization: the system provides predictive insights and actionable recommendations to streamline assembly lines based on real-time performance data.

Execution backed by governance

While RiA Ecosystem empowers robots to execute tasks autonomously, safety remains paramount. The ecosystem operates under the supervision of Aether, the company's proprietary governance intelligence layer, ensuring that every autonomous action is transparent, accountable, and compliant with safety standards.

Availability

RiA Ecosystem Manager is compatible with all major industrial robot brands, humanoid platforms, and autonomous software systems.

Companies interested in experiencing the platform can schedule a pilot project at <https://ria-ecosystem.com>. Early adopters will receive dedicated onboarding support, including guided implementation and ongoing optimization assistance.

About Robot Industries

Robot Industries is a global leader in cognitive [robotics](#), dedicated to transforming industrial automation by replacing complex programming with intelligent, accessible solutions. Operating R&D centers across Europe and Asia, the company connects German engineering standards with a worldwide partner network to serve businesses of all sizes.

The company's portfolio has evolved from zero-programming industrial arms and autonomous cleaning fleets to advanced humanoid platforms and the newly established RiA Ecosystem.

Robot Industries remains committed to a singular mission: democratizing advanced automation not by making it simpler, but by making it smarter.

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