

PRESS RELEASE

The EU AI Act Is Taking Effect

What Does the EU Regulation Mean for Businesses?

Wiesbaden, June 2026. The EU AI Act is establishing the regulatory framework, and the clock is ticking. While many companies across the European Union are still operating somewhere between pilot projects and isolated use cases, agentic AI systems are already advancing rapidly. They analyze data, initiate processes, coordinate systems, and make autonomous preparatory decisions. What was recently considered a future scenario is increasingly becoming part of everyday operations.

“This is exactly where the growing tension lies,” says Mathias Herrmann, Founder and CEO of ALLEHERZEN GmbH. “The boundaries of what is technologically possible are expanding at tremendous speed, while regulatory guardrails are simultaneously taking shape.”

Between regulation and paralysis

The EU AI Act follows a risk-based approach and particularly addresses applications in sensitive areas such as financial services, critical infrastructure, and personnel decisions. Transparency, traceability, and governance are moving into focus – requirements that can be implemented relatively clearly in traditional software systems but raise entirely new questions when applied to dynamic, context-aware AI systems. The regulation also introduces significant penalties and clearly assigns responsibility to companies. This is creating noticeable uncertainty across the market.

Herrmann explains: “Many organizations are acting cautiously, postponing decisions, or remaining in a wait-and-see mode. At the same time, particularly in the United States, companies are already pushing the productive deployment of agentic AI and developing the next generation of workflow automation.” As a result, companies in Germany and across Europe face a structural competitive disadvantage. Innovation collides with regulatory uncertainty, often resulting in organizational paralysis.

The new opacity of decision-making

Agentic systems do not operate according to rigid decision trees. Instead, they incorporate data from multiple sources, prioritize possible actions, and adapt their behavior based on context. This flexibility drives efficiency and innovation – but it also makes control significantly more difficult. Who made a decision? When? Based on which data? And how can the entire process be reconstructed afterward? “The AI Act requires exactly this level of traceability,” says the expert. “Additionally, there is a structural shift on the provider side. A large

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share of the most capable AI solutions originates in the United States and is shaped by different regulatory and cultural frameworks.”

European companies integrate these technologies into their operations but remain fully responsible for ensuring compliant use. This creates a growing discrepancy between technological progress and regulatory classification. A widening governance gap is emerging – one that cannot be closed through compliance documentation alone.

A visible governance gap

The challenge becomes particularly apparent in industries with mature and highly complex IT environments. Banks, insurance companies, energy providers, manufacturers, telecommunications companies, logistics providers, and healthcare organizations operate systems that have evolved over many years – often decades. These environments provide stability and business continuity but offer only limited flexibility for new autonomous actors.

Herrmann explains: “Agentic AI encounters fragmented data structures, missing interfaces, and control mechanisms designed for linear processes. Integration therefore becomes not only a technological challenge, but above all a structural one.” As time pressure increases, priorities begin to shift. The decisive factor is no longer simply introducing AI – it is the ability to make its use controllable. The AI Act requires clear accountability, immutable audit logs, and the ability to explain autonomous decisions. For agentic systems, this introduces a new level of documentation requirements: Every action requires context. Every decision requires a traceable foundation. Every system access requires a verifiable audit trail.

The cost of missing transparency

As a result, architectural questions are moving to the center of the discussion. Companies need approaches that make existing IT systems accessible to AI without compromising their stability or security. Herrmann notes: “At the same time, organizations need interaction layers that act as intermediaries between AI agents and operational systems, structure data flows, and consolidate process logic.” This is precisely where COLOSSOS® comes in as a holistic solution. COLOSSOS® acts as a communication and control layer between AI systems and existing enterprise environments while simultaneously implementing governance requirements technically and maintaining legally compliant auditability.

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When technology decisions become a risk

At the same time, another risk is becoming increasingly apparent. The market for agentic AI is still in an early and highly dynamic stage, and clear market leaders have yet to emerge. “Companies that begin deeply embedding process logic and business logic into individual AI platforms today are taking on a significant investment risk,” explains Herrmann. “If a different provider ultimately prevails, organizations may face costly migrations – or even complete reinvestments.” Against this backdrop, architectural approaches that separate process knowledge from AI platforms are becoming increasingly important. Particular attention is being given to agent-agnostic architectures such as COLOSSOS®, where the underlying AI platform can be replaced comparatively quickly. This ensures that both investments and business-critical process knowledge remain within the company instead of being transferred to external platforms – often located outside Europe. At the same time, organizations gain the flexibility required to respond quickly to future developments in the AI market.

Between opportunity and urgency

The EU AI Act is therefore more than a regulatory hurdle. It is becoming a test of organizational and technological maturity. “Companies must stop viewing innovation and compliance as separate disciplines and begin bringing them together,” says Mathias Herrmann. “Organizations that establish structures for transparency, control, and integration early can unlock the potential of agentic AI while simultaneously managing regulatory risks.” Now is the time to build that foundation. With every additional integration of autonomous systems, complexity increases – and with it the demands for governance and control. The pace has already accelerated. For many companies, the question is no longer whether they need to act, but how quickly.

About COLOSSOS®

Founded in late 2015 as an innovation-focused software development company, ALLEHERZEN GmbH has grown rapidly over the past decade and now employs more than 150 people. The company is currently undergoing a strategic transformation and is launching COLOSSOS®, a solution designed to make existing enterprise systems usable for AI agents.

COLOSSOS® serves as both a communication and protection layer while also acting as the central location where process knowledge and workflows are maintained within the organization.

In a market where the future leaders of agentic AI have yet to be determined, COLOSSOS® protects investments in the next generation of enterprise workflow automation by ensuring that business-critical knowledge remains within the company rather than being transferred into AI platforms and modeled there. Ultimately, COLOSSOS® serves as the essential governance, risk, and compliance layer that enables the legally compliant deployment of agentic AI systems while automatically generating immutable audit logs. As uncertainty surrounding the EU AI Act continues to grow, this capability is becoming increasingly important for organizations across Europe.

For more information, visit: <https://alleherzen.de/> and <https://colossos.ai/>

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