



Agentic video AI and its impact on the real estate industry

Real Estate Predictions 2025

Digitalization in the real estate industry, like many others, is experiencing significant influence from the evolution of generative AI. As we look beyond 2025, agentic AI is set to revolutionize the future of work. Agentic video AI, in particular, will empower real estate companies to analyze and respond to visual data, by ingesting live or recorded videos, extracting insights, and delivering them as summaries, documents or interactive dialogs. By replacing manual processes and revealing previously hidden insights in visual data, agentic video AI can bring huge benefits for the real estate sector. Realizing those benefits demands a novel approach and, in this article, we examine the role and application of the technology, and share insights from a few promising use-cases for real estate.



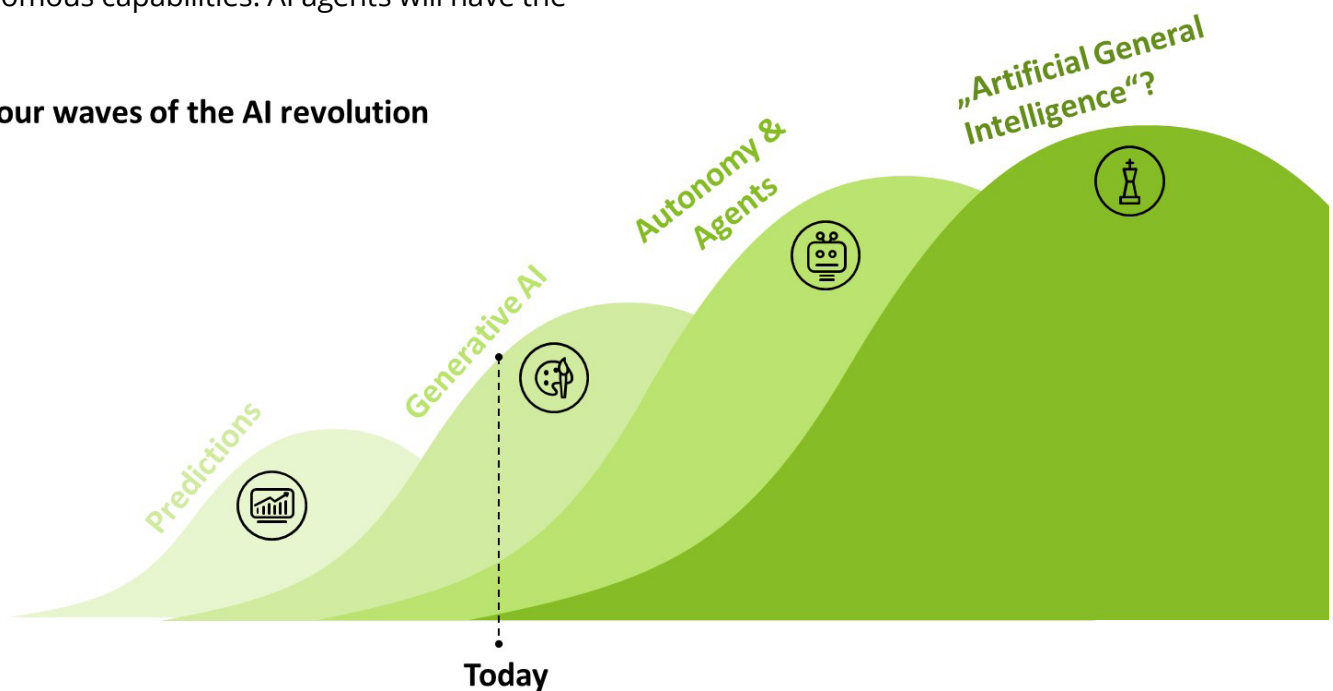


The Disruptive Power of AI

Artificial intelligence has been developing rapidly in recent years, as we pass through four waves of the AI revolution. Generative AI has been of the utmost importance for the past two years but, today, autonomous AI agents are playing an increasingly decisive role. This third wave is just starting, and will see agents and multi-agent frameworks enhance generative AI's large language models (LLMs) by adding rich and autonomous capabilities. AI agents will have the

capability to plan, decide, execute and reflect on decisions independently, and incorporate human interaction only when necessary, to align on intent, deliver intermediate results, or resolve identified conflicts, for example. Beyond their own independent functions, AI agents are capable of communication and coordination between other agents and humans, to delegate and complete tasks.

The four waves of the AI revolution



AI Agents Shaping the Future of Work

Agentic AI is not just the next step as artificial intelligence evolves – it's a transformative force poised to revolutionize industries, as well as how we work and learn. More than that, we believe that visual agents (agentic video AI) will become particularly important for unlocking value and

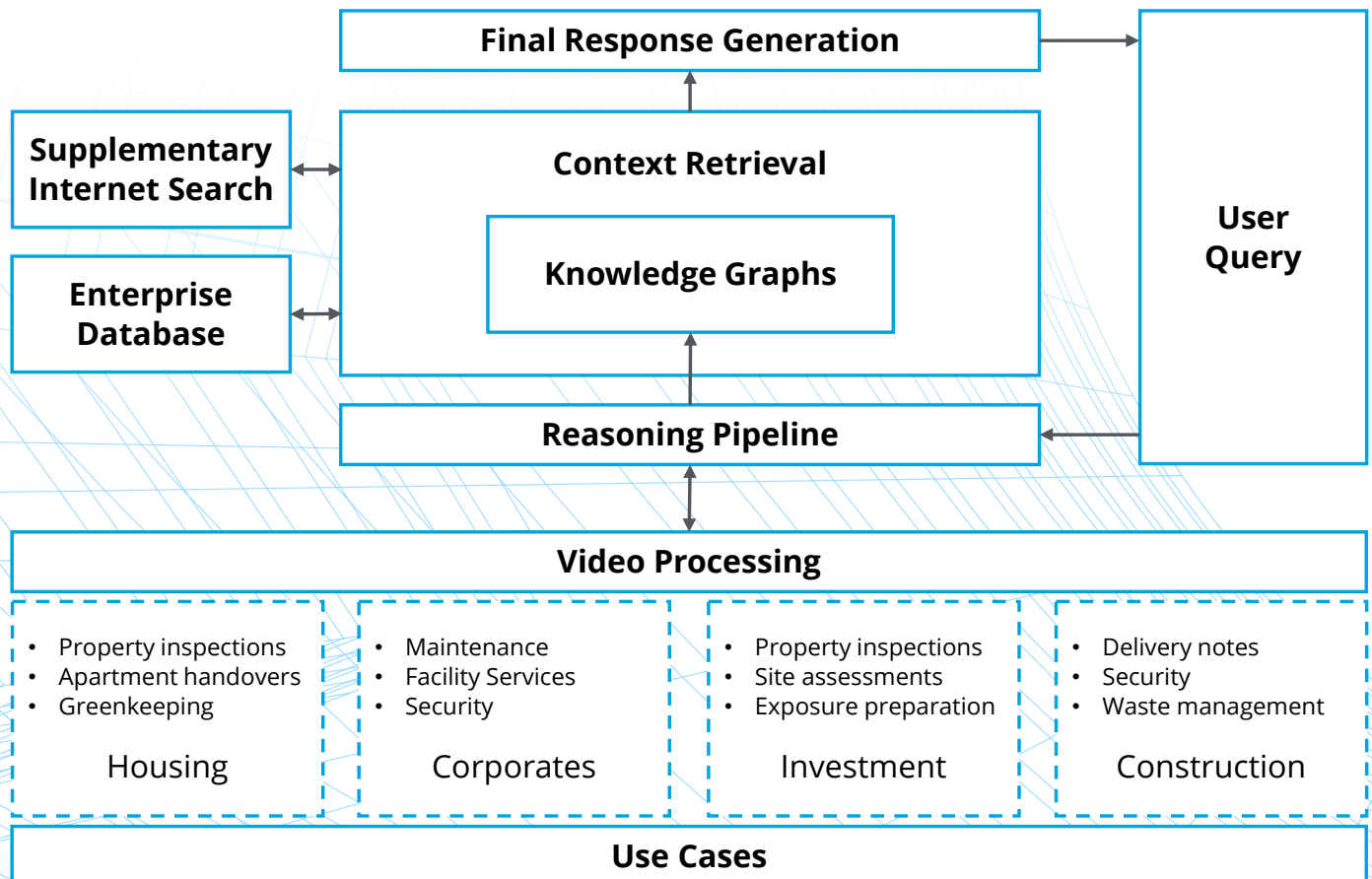
untapped potential from photos and videos. Currently, visual content is one of the most underutilized data types, and is often rich in information, but has previously been difficult to analyze effectively at scale.



Visual Content Will Drive Business Decisions

Traditional visual analytics tools rely on computer vision models that have been trained to recognize a specific and predefined set of features. This approach makes it difficult to build general-purpose systems that can understand and extract relevant context from video streams. Instead, a novel approach is needed, which enables dynamic, autonomous, and context-aware video analysis, so agentic video AI is now a game-changer. As a result, visual content will soon become the most valuable data type in decision-making, and more important than text or numerical data. For AI agents to understand visual content, they require both LLMs and VLMs (vision language models). VLMs enable a generic and adaptable

understanding of visual scenes, which makes it possible to develop visual AI agents that are capable of multi-step reasoning over video streams. These models are integrated with individual datastores (e.g., industry-specific or enterprise content), based on the latest retrieval augmented generation (RAG) techniques. The models, datastores and RAGs are combined in a secure platform to create agents that can understand and perform complex tasks on video, such as summarization, interactive interrogation or event detection, using both live streams and recorded files.










Relevance for the Real Estate Industry

As a traditional and less innovative industry, real estate is ripe for disruption. Despite its massive economic significance, it still relies heavily on manual processes, inadequate data and outdated systems. It therefore has huge potential to benefit from AI-enabled automation, data extraction and analysis, which will impact all stakeholders, including owners, investors, tenants, service users or builders. With large volumes of untapped insights and inefficient workflows, real estate companies have a huge opportunity to realize the potential of agentic video AI, improve efficiency and reduce costs – regardless of asset class or business focus.

A few specific use-cases illustrate how agentic video AI can make the difference in redefining real estate operations and processes:

-  Automating asset monitoring, facility services and maintenance for properties and infrastructure, to improve both efficiency and service quality
-  Streamlining processes such as tenant onboarding in commercial or residential real estate portfolios, including space checks and handover protocols
-  Improving onsite safety, and ensuring compliance with security and environmental standards
-  Automating delivery notes, identifying materials and analyzing waste disposal on construction sites
-  Conducting site inspections and assessing property conditions, to facilitate M&A, sales or valuation.

Strategic guardrails around these use-cases will ensure that real estate companies can successfully harness the disruptive power of AI and keep pace in a highly competitive market. Although strategic elements such as ambition, data, technology, operating model, ethics, regulation and value contribution will all be relevant, the greatest impact will come from focusing on employee engagement and enablement.

Conclusion

As the real estate industry faces economic crises and rising regulatory requirements, it urgently needs efficiency gains, quality improvements and intelligent solutions that can overcome the shortage of skilled workers. Imagine a future where employees no longer waste hours on manual processes or fixing erroneous data. Instead, they're empowered and supported to work more effectively, with intelligent and autonomous solutions that effortlessly capture insights, provide real-time feedback, and ensure compliance.

Agentic video AI offers a powerful approach to address these challenges, by transforming visual content into actionable insights and automated processes. To stay competitive, businesses must embrace agentic video AI – not simply as a standalone tool, but as a strategic enabler of digital innovation and operational excellence.



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