



Start Leading: Scale Enterprise AI Value Now

Lead AI-driven business and
technology transformation.

Accelerate enterprise AI value realization at scale

AI transitioned from experimentation to value realization. Autonomous operations fuel the transformed value propositions CEOs expect this year. Heads of enterprise architecture must orchestrate and scale this AI-driven transformation in 2026.

80% of CEOs expect AI implementation to lead to significant change in their organization's business capabilities by the end of 2026.

Unstructured AI adoption generates chaos, not strategic value. Architecture leaders must direct this disruption into coordinated transformation. To secure strategic benefits, heads of enterprise architecture must:

- Define a bold AI future and deliver reusable patterns to enable rapid, safe and repeatable pilots
- Govern technology choices with adaptive guardrails, replacing slow committee-based approvals
- Design sovereign, scalable agentic AI systems that secure the enterprise and execute autonomous tasks

This unified strategy abandons isolated experiments, propelling the enterprise toward measurable value realization.



Duncan Robson
Senior Director Analyst

Your roadmap to success

Unmanaged AI disrupts organizations; guided AI transforms them. Heads of enterprise architecture must orchestrate this crucial shift. Success demands defining a bold AI future, deploying adaptive governance, accelerating repeatable pilots and designing agentic systems that secure strategic benefits.

Gartner equips heads of enterprise architecture with strategic guidance, proven frameworks and actionable insights to navigate AI disruption. With Gartner, heads of enterprise architecture accelerate enterprise value, scale agentic systems and drive transformational business impact.

1. Define an AI-driven business future.

2. Identify enterprise gaps in AI capabilities and data foundations.
3. Select AI and agentic use cases and technologies.
4. Plan and manage the enterprise AI roadmap.
5. Enable piloting of AI and agentic technologies.
6. Design agentic AI systems.
7. Govern and scale AI architectures.

Key outcome to consider in Step 1

Drive enterprise transformation by unifying executive AI ambition into a cohesive business and technology strategy.

Key questions your enterprise architecture peers are asking Gartner

Gartner clients
can click to
explore answers.

How are organizations building and managing their AI portfolio and roadmap?

[Explore Answer ↗](#)

What are organizations doing to accelerate AI implementation and integration into existing architectures?

[Explore Answer ↗](#)

How are organizations thinking about redesigning their architectures for AI agents and autonomous operations?

[Explore Answer ↗](#)

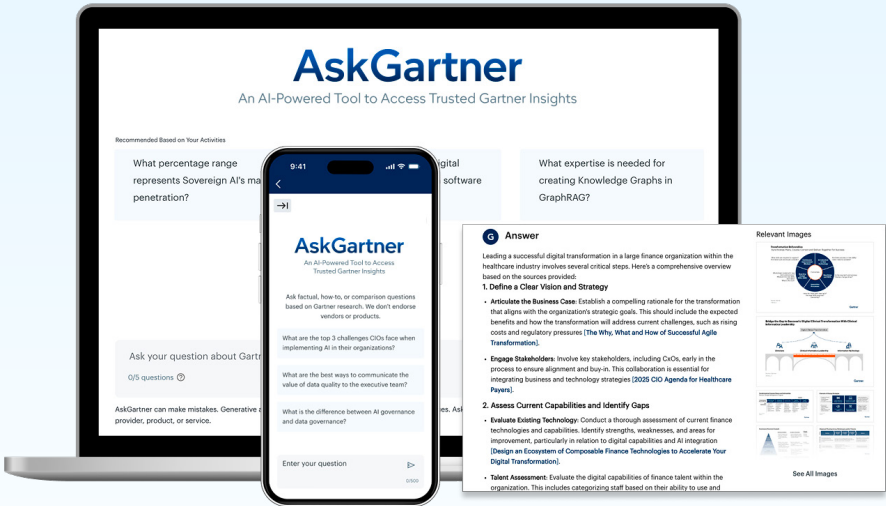
How are organizations scaling and governing AI initiatives to deliver on transformation outcomes?

[Explore Answer ↗](#)

Which AI technologies and vendors are fit for our organization's transformation objectives?

[Explore Answer ↗](#)

Your peers use AskGartner to answer these questions in minutes.



[Learn More](#)

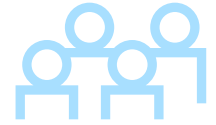
Gartner resources turn your priorities into plans and actions

Define an AI-driven business future. Webinar: Heads of Enterprise Architecture Must Rewire EA for AI ↗	Identify enterprise gaps in AI capabilities and data foundations. Tool: Assess and Accelerate Your AI Maturity With Gartner AI Score ↗	Select AI and agentic use cases and technologies. Tool: AI Use Case Insights ↗	Plan and manage the enterprise AI roadmap. Insight: Mapping the Emerging Market Landscape of No-Code Agent Builders ↗	Enable piloting of AI and agentic technologies. Insights: Scaling Agentic AI ↗
Design agentic AI systems. Insights: Hype Cycle for Agentic AI ↗	Govern and scale AI architectures. Webinar: Agentic AI: Inconvenient Truths About Cost and Skills ↗			

Engage with Gartner	Expected outcomes
• Connect with an analyst for insights into how you can accelerate your organization’s AI-driven transformations. • Get Executive Partner insights on the practical steps that organizations are taking to scale agentic AI use cases.	• A defined AI-driven transformation strategy tied to enterprise business outcomes • Identification of and investment plans for the most critical AI capability gaps • A governance model for guiding the rapid implementation of agentic AI use cases

Who needs to be involved?

The most successful organizations establish cross-functional teams to scale their enterprise AI value. We have outlined the recommended functions to involve and their roles to ensure the best success in hitting the milestones.



CIO/head of technology ↗

Sets a clear enterprisewide AI ambition, identifies use cases, quantifies benefits and risks, aligns teams and competencies, and drives innovation across the organization.

Head of enterprise architecture and team ↗

Align AI structure and design with organizational value by guiding use cases and requirements, governing architecture investments, leading adoption decisions and architecting AI solutions.

Head of enterprise applications ↗

Aligns AI-enabled applications with organizational value by establishing business impact, evaluating and selecting AI solutions, preparing the data and knowledge foundation, and managing security and governance within applications.

Chief data and analytics officer and team ↗

Lead the organization's AI data strategy by identifying use cases, establishing governance, developing new data value and ensuring data readiness for AI technologies.

Software engineering leader and team ↗

Drive AI integration by clarifying desired outcomes, establishing engineering best practices, transforming services with an AI-first approach and architecting software development to support AI objectives.

Client Story

Handelsbanken Modernizes Architecture to Drive Digital Engagement

Mission-critical priority

Handelsbanken needed to accelerate its customer engagement platform, define cross-functional responsibilities and refine its overall channel architecture. After reducing physical branch locations, the enterprise required a modernized enterprise architecture to unite IT and business operations, optimize costs and retain customers.

**How Handelsbanken leveraged Gartner resources**

Handelsbanken collaborated with Gartner Consulting to accelerate enterprisewide decision making. Gartner provided strategic guidance to bridge IT and business functions, modernize dormant processes and drive rapid organizational change.

**Mission accomplished**

By deploying over 20 complex customer engagement capabilities, Handelsbanken established direct communication between IT and business and accelerated stagnant initiatives. This unified architectural approach successfully transformed the digital customer experience and optimized enterprise efficiency.

[Watch the full story ↗](#)



Address your other mission-critical priorities



Lead AI-driven business and technology transformation.

66% of heads of enterprise architecture report that scaling AI use across the enterprise is a critical priority for them in 2026.



Capitalize on disruption with emerging technologies.

63% of high-performing heads of enterprise architecture assess technology trend impacts monthly, compared to only 41% of low performers.



Reinvent enterprise architecture to meet the speed of business and technology change.

Heads of enterprise architecture expect **30%** of EA activities to be AI augmented by 2027, citing needs to reskill and retool for success.

Connect with us

Get actionable, objective business and technology insights that drive smarter decisions and stronger performance on your mission-critical priorities.

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