COST MANAGEMENT

The Cost of Caution with AI Investments

ARTICLE JULY 31, 2026 3 MIN READ

With some technologies, restraint is a hallmark of disciplined management: Run controlled pilots. Keep a strict eye on licenses and token budgets. Build an ironclad ROI before scaling. But when it comes to investing in AI, increasingly, such caution is becoming a competitive disadvantage.

BCG research shows that organizations that invest more in AI are best prepared for the future. Those companies commit 1.7% of revenue to the technology, compared with 0.8% among laggards. They are moving beyond baseline automation, redesigning their operating models, and getting results. Companies with deeper AI integration are already seeing three times the cost reduction of their peers, 60% higher profit margins, and 2.7 times the return on invested capital. And the advantages will continue to compound over time.

Those differences underscore a central truth: for many, the real risk in AI isn't spending too much; often, it's spending too little. Of course, this doesn't mean that leaders can afford to throw money at vendors, ramp up every conceivable pilot, and cross their fingers. Rather, it means making targeted investments in the areas that really matter while striving toward comprehensive AI-powered workflows.

Here are three ways leaders can build advantage from AI investments—and how others can catch up.

Treat AI as core infrastructure. Future-built companies understand that AI is no longer a side initiative. They treat it as the core infrastructure for future competitiveness. That changes investment behavior. Instead of distributing small budgets broadly, leaders concentrate resources where AI can strengthen core capabilities and reshape enterprise-wide processes. This means focusing on areas like procurement, customer operations, software development, and support functions. Leaders also factor token costs into financial models for AI, to get a better sense of the true economics of the technology.

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Importantly, they also recognize that most value does not come from technology alone. The biggest gains emerge when AI is combined with operating model redesign. Future-built companies invest heavily not only in software and infrastructure, but also in governance, process simplification, upskilling, and organizational redesign. They are funding transformation, not just layering AI into existing activities.

This is where many companies underinvest. They fund tools, licenses, and models but not the harder work required to change how people operate. In practice, the value equation is often closer to 10% algorithms, 20% technology and data, and 70% people, process, and behavior change. Without that 70%, AI remains an overlay. With it, AI becomes a new operating system for the business.

Fund AI initiatives by reducing costs elsewhere. Aggressive AI investment doesn’t mean abandoning cost discipline. In fact, many successful transformations begin with traditional levers. Organizations optimize procurement, simplify organizational layers, reduce external spending, and streamline operations, all with the goal of freeing up capital that can fund a larger AI-enabled transformation.

Traditional cost levers can often generate savings of 5% to 25% within the first 3 to 12 months, creating the runway for deeper investment. This creates a powerful cycle. Traditional savings fund AI transformation. AI transformation facilitates structural efficiency. Structural efficiency creates additional investment capacity. Over time, this advantage will pay dividends.

Be flexible in scaling investments. Many organizations still demand highly detailed business cases before scaling their investment. The intention is understandable, but excessive precision can become a strategic constraint in fast-moving environments. Those that are pulling ahead are willing to invest before fully mapping out all returns. They understand how transformation creates second-order effects that are impossible to fully model in advance.

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This does not mean scaling blindly. It means making smarter bets, watching what works, and moving innovation and other budget lines quickly toward the areas with the greatest impact. Leaders don’t wait to prove every dollar of return in advance. They build momentum, learn fast, and scale the use cases that create real value.

Some companies will continue to focus on AI costs, running cheap pilots and hesitating to commit. But the true advantage from the technology will go to those that recognize its full potential and redesign their business accordingly. That requires leadership conviction, organizational commitment, and sustained investment, and it’s how AI leaders give themselves a competitive edge that compounds over time.

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