



Digital Article / Digital Transformation

# How 6 Companies Approached Digital Transformation

Lessons from Moody's, IKEA, Adobe, and more. *by HBR Editors*

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**What exactly is a digital transformation, and** how can you lead one successfully?

Digital transformations involve a kind of organizational soul searching: How do we change while remaining the same? How do we do new things differently, while staying true to our purpose? And how do we adopt—and adapt to—new technologies as they emerge? They require leaders

to delve into the granular details of their organizations, while keeping a larger vision top of mind. It's no wonder they're notoriously difficult.

Consider what digital transformation really involves. First, it requires understanding a new technology—AI, cloud computing, data analytics—and how it might help your business. But a transformation, as the term implies, is bigger than merely onboarding new tools. It requires rethinking how your company creates value, its strategy, and the processes by which your employees get things done. And finally, it requires shepherding real cultural change.

Daunting as all of this might seem, it's also unavoidable. The pace of technological change seems to only increase. The miracles of yesterday are the baseline of tomorrow. As such, digital transformation has become a muscle that companies must learn to exercise—a process that is never really finished.

How should leaders think about this task? One place to start is by asking: How have other companies navigated this? So, looking back at HBR's archive, let's consider how six different legacy companies have tackled this process.

### **Moody's**

When ChatGPT launched in late 2022, most companies adopted a wait-and-see approach. Generative AI was new, untested, and laden with risks, both known and unknown. Better to let others work the kinks out, the thinking went. However, the leadership at the legacy financial institution Moody's had a different perspective: Inaction was the riskier path. The company decided to go all-in on the new technology.

There was a problem with this plan, however. "Unlike most transformations, the end goal of this initiative wasn't clear," writes

Toby E. Stuart, of UC Berkley's Haas School of Business. "The tech was evolving incredibly quickly and there were no proven use cases for how it could be applied to create value. [Moody's CEO Rob] Fauber likened the initiative to sprinting into the fog—it might be possible to see a few steps ahead, but no further."

In spite of not having a precise endpoint, leadership had an idea of what they wanted to achieve: a sweeping cultural shift that would enable the company to take advantage of this new technology, however it evolved. So, they decided on three guidelines. First, they wanted every employee, at every level, to be involved—a goal that required buy-in from 14,000 employees. Second, they wanted to resist the instinct to reject new ideas, and encourage legal, compliance, and risk staff in particular to take a "yes, and..." approach. And third, the aim throughout this effort needed to be contributing measurable value to the business.

## Honeywell

To understand the distinction between digital adoption and digital transformation, consider the problem that Honeywell faced at the beginning of its recent effort to transform itself. "We had more than 150 enterprise resource planning systems (ERPs), some 2,700 applications, 1,700 websites, and no overarching plan for collecting and using data," writes Darius Adamczyk, who was CEO of Honeywell at the outset of the effort.

This was a problem for a couple of reasons. For one, because Honeywell contains so many businesses, the sprawl of tools and systems heightened those internal divides. Second, as a result, that hindered Honeywell's ability to create new value for its customers. "The question we asked ourselves," writes Adamczyk, "was 'Is it possible to use digitalization to transform a diversified industrial conglomerate into an integrated company?'"

The company pursued a three-step plan to transform itself internally. First, it focused on simplifying and reorganizing its infrastructure, going from 150-plus ERPs to 10, from 1,700 websites to fewer than 100, and from 2,700 applications to fewer than 1,000. Second, it invested in creating master databases for products, employees, and customers. And third, it developed a strategy for putting all that data to work.

The digital transformation also allowed Honeywell to offer customers new systems that would put their data to work in new ways. Because the company was already providing hardware and systems layers, it was able to add a cloud-based software-as-a-service layer that captures data and offers analytic insights—a new way of creating value built on top of existing services.

“In a way, digital transformation is really a matter of being able to create a system to capture and harness data and then to unleash its power on whatever it is you’re doing,” writes Adamczyk. “But to achieve that, you have to understand all the intricate moving parts that make up the whole.”

## **IKEA**

When the pandemic started, IKEA Retail’s then-chief digital officer Barbara Martin Coppola, a tech industry veteran, had already spent nearly two years working to rewire the iconic retailer. The sudden closure of stores, however, prompted a rapid acceleration of those efforts. Making the legacy retailer into a truly digital company required redesigning supply chains, inventory management, logistics, and fulfillment, but it also meant reconceiving the customer experience in subtle ways that broke down distinctions between digital and physical retail.

“[T]his process is a bit like an iceberg,” Martin Coppola told HBR in an interview. “At the top of the iceberg, we have the customer needs and adaptation—revamping everything around customer interaction and new purchasing journeys—and under the surface we are making huge changes to our business and operating model. And what is under the surface is a much bigger change than what we see above.” In practical terms, that meant rolling out new data policies and communicating them to customers, integrating the app into the retail experience, introducing new AR and VR tools, and broadly embracing data in new and expansive ways.

To enact these changes, Martin Coppola had to engineer significant buy-in from employees. “I had to first become accepted as part of the community,” she said. “The company values are about hard work, humbleness, being down to earth, and a strong entrepreneurial spirit—people want to go the extra mile for the company. I had to show through my behavior that I share the same values. Then, it was about meeting people and communicating an inspiring vision. Finally, it was about putting forward simple steps that people can see themselves following.”

### Levi's

In some cases, company culture can be a stickier problem than technology. In the case of the iconic clothing brand Levi Strauss & Co., updating the company's approaches was as beneficial as bringing new tech onboard. “As an apparel company, we were rooted in a ‘perfectionist’ mindset,” writes Harmit Singh, a senior vice president and chief financial officer at Levi's. “Typically, we would take an idea, plan for six months, create the ‘perfect/best’ solution, and then continue to iterate for another six months or more to get it right before bringing it to market.”

Digital transformations, Singh argues, are “about transforming your workforce to think in an agile and digital-first mindset, and encourage the creation and adoption of technology that is new for the team and sometimes new for the industry overall.”

The company learned four lessons through its transformation process, which other leaders can apply: 1) When going through a major transition, failure is OK. 2) Don’t worry about how you’re behind; focus on how you can leapfrog the competition. 3) View transformations as an opportunity to help everyone collect and use data. And 4) allow time for tech savviness to grow.

## Adobe

One of the hardest parts of adopting a rapidly changing technology is staying abreast of new risks that you’re onboarding along with new tools. With AI, which can be used in a dizzying variety of tasks and contexts, that effort can feel Sisyphean. It’s also essential.

To do this effectively, leaders might need to reframe how they think about the problem, looking at the whole picture rather than each part in turn. “[I]t’s critical that leaders carefully consider the context in which AI operates—understanding the specific circumstances, environments, and applications of AI technologies in real-world use cases,” writes [Grace Yee](#), the senior director of ethical innovation at Adobe. “AI is often assessed through its inputs and outputs, but this paints only a partial picture... Companies need to shift from viewing AI as a singular entity to evaluating its impact in specific contexts.”

Adobe dealt with this problem by following four principles: 1) Human involvement is critical. 2) Hype doesn’t equal quality. 3) AI will always evolve, but you can anticipate concerns. And 4) AI requires a robust ethics framework.

## Intuit

Digital native companies aren't immune to the challenge of digital transformation. For Intuit, the financial software company, this problem manifests through the shifting baseline of customer expectations.

"When a product truly solves a customer problem, users very quickly stop noticing it at all," writes [Ashok Srivastava](#), Intuit's chief data officer. "Today's breakthrough is tomorrow's baseline." And AI has accelerated this cycle. To keep up, transformation needs to be a continuous process.

Intuit has tried to develop a culture of continuous transformation by adopting three guiding principles and embedding them into the regular flow of work: 1) Track progress with regular, rigorous, and ego-free technical checks. 2) Embed AI experts across teams. And 3) turn conflict into competitive advantage with clear escalation processes.

This process, writes Srivastava, has been integral to Intuit's success. But like everything else, companies need to be continually reconsidering whether they're working the way they need to. "These strategies aren't designed to be static; they are reactive, ready to adjust as the customer needs evolve and scale."

## More Resources

[How to Avoid the Ethical Nightmares of Emerging Technology](#)

[Lessons from Hollywood's Digital Transformation](#)

[Agentic AI Is Already Changing the Workforce](#)

[Making the Car a Mobile, Connected Workspace](#)

[The CEO of Chipotle on Charting a Culinary and Digital Turnaround](#)

[The Value of Digital Transformation](#)

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This story is by the staff at Harvard Business Review.