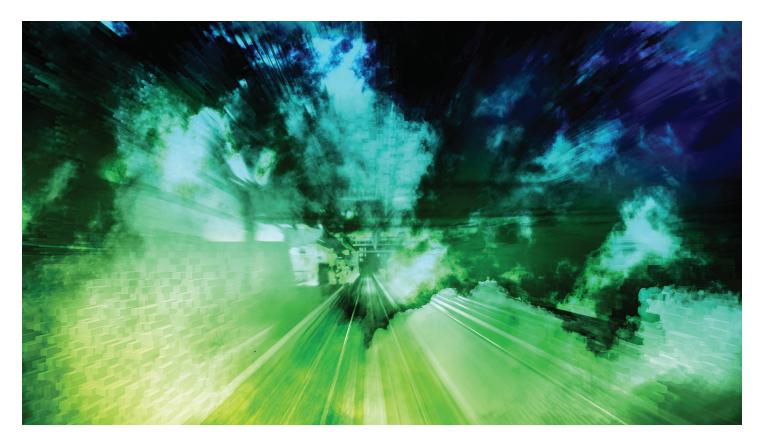# Deloitte.

Cloud migration

Your cloud migration has a destination, but it isn't the cloud. It is a state of continuous reinvention. That's why you should have migration advisors who understand the dynamics of your business and can help you capitalize on new opportunities across your entire cloud journey.

Migrating a single application to cloud can seem straightforward. Sometimes it is. But more often, that application's function is tied to multiple business processes. It may impact your vendors, your balance sheet, your regulatory compliance. Moreover, different stakeholders may have different motives and expectations from your move to cloud. What seemed like a simple process can often turn into a fog of conflicting goals, broken dependencies, and cost overruns.

Cloud migration involves a very complex set of distributed activities that need to be managed crisply and at speed. At Deloitte, our discovery engineers employ complex logic and data-driven analysis to rapidly

map applications and infrastructure as well as to determine the right migration path and landing zone—whether that's re-hosting, re-platforming, or re-factoring. We help increase speed, quality, and savings by providing a complete and integrated tool chain from discovery through planning and workload migration. Automated tools for workload migration are supplemented with extensive teams of code migration specialists to modify or re-architect applications as required.

Getting you launched into the cloud is only half the story. Through our deep understanding of your business dynamics and industry, we not only create extraordinary value from the process, we

also help recode your operational DNA— setting you on a path of reinvention that will continue long after you have moved to cloud.

⊜ Named

"A global leader in IT Infrastructure Transformation Consulting based on depth and breadth of capabilities."

— Kennedy[1]

Disrupt your market without interrupting your business

Many vendors and consultancies tout market disruption as a key opportunity afforded by a move to cloud. Most would rather not talk about the dangers of business interruption. The fact is, a poorly managed cloud migration can create more problems than it set out to solve.

Deloitte's proprietary approach confirms that your applications are fully inventoried, relationships are mapped, and technical requirements are scoped. We assess risks and plan milestones along each application's pathway to cloud—and align those paths so that they lead your entire organization to cloud through a sequenced, orderly process.

We draw on our wealth of consulting experience across industries and disciplines to identify opportunities for cost savings, innovation, and, yes, disruption. We determine cost-effective and efficient solutions to evolve legacy application architectures to autoscale, self-heal, and

operate in a hardware-agnostic environment. We then leverage our onshore and offshore teams of migration engineers to re-host, re-factor, or completely rebuild your applications so that they capitalize on those opportunities.

Integration. Orchestration. Optimization. They're all key to ensuring that your migration to cloud serves your end goals. But some of the biggest challenges in moving to cloud have nothing to do with code or servers.

They're about aligning organizational priorities, understanding funding requirements and responsibilities across business units, and strengthening internal and external partnerships to ensure that new systems create new strengths for your company. In order to move efficiently to cloud, your entire management team must be flying in the same direction. Your employees should understand how new

applications enhance their day-to-day work. Your vendors and customers should experience an effective and positive transition into an enhanced paradigm of engagement.

Deloitte's big-picture understanding of your business and environment can help align not just your applications in the cloud—but your entire business, too.

Named

"A global visionary in Application Testing Services based on ability to execute and completeness of vision."

— Gartner[2]

Our cloud migration offering encompasses three capabilities

Package transition and migration services
Business process redesign, technology architecture, and engineering services to support a package upgrade and/or migration between hosting solutions (on-premise to cloud, cloud to cloud, or cloud to on-premise).

Custom transition and migration services
Workload migration planning, execution, and management services to support the transition of custom solutions between hosting environments.

Application modernization
Application analysis, architecture design, and modification services to meet enterprise architecture and infrastructure goals in an application's transition to cloud.

The you⁵ advantage

The value you derive from cloud depends on five factors. The first two—your **project parameters** and the **technology**—are givens. True transformation comes when your advisor has deep understanding of the other three—your **business**, **industry**, and **cultural dynamics**. Deloitte applies that understanding relentlessly to create exponential value at every turn and address the key issues that motivate your stakeholders.

"We need to make sure that we're not just changing our technologies, but truly addressing business priorities and gaining competitive advantage as we move into the cloud."

— Business executive

"We have considerable sunk investments and stranded costs already in our technology. The timing of our migration should help ensure that those don't continue to pile up."

— Finance executive

"Moving quickly is important, but it will backfire if we don't have a comprehensive map of dependencies and a plan for how we re-host, re-factor, or rebuild each application."

— Technology executive

From many businesses to one platform

Deloitte helps fast-expanding company migrate to a single cloud ERP solution

In the course of rapidly acquiring more than two-dozen companies around the world, a client in the energy sector found itself managing eight different enterprise resource planning systems. We showed the company's leadership how a cloud-based ERP solution could help significantly reduce costs and increase efficiencies. Achieving those results required a carefully managed migration involving more than 350 service locations. Through our understanding of the client's business, we helped map the full ecosystem of disparate supply chains, varying regulatory environments, unique regional business conditions, and more. We then moved the company to SAP's S/4 Hana—providing a cloud-based platform that could scale with additional growth and capitalize on powerful economies of scale.

Get to the future **Faster**

Deloitte helps amplify value through cloud custom migration services

01

Our deep vendor relationships and knowledge of third-party tools allow us to apply the right solutions and minimize risk on your behalf.

02

We understand not just the technology challenges that you face but also their implications for your finances, regulatory compliance, lines of business, and more.

03

We have proprietary tools that perform detailed top-down bottom-up scenario analyses across multiple migration scenarios to build the right business case for your needs.

04

We know how to help solve your licensing challenges, target tech stack requirements, cloud native application needs, etc.—in short, all of the tech issues you face in migration.

Cloud migration is one component of Deloitte's end-to-end cloud services. For more insights and information across the cloud journey, please visit **deloitte.com/us/cloud**.

Named

"A global leader in Cyber Security Consulting and Cloud Consulting based on capabilities."

— ALM Intelligence[3]

Get in touch

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