



SOLUTION OVERVIEW: DEVOPS

Partner with a Platform Team for Your DevOps Transformation



Professional Services

Architecture & Transformation

Optimized Clouds

> DevOps

Cybersecurity

Compliance

Disaster Recovery



Gartner defines DevOps as a highly collaborative, cross-discipline approach that focuses on the optimization of value delivery, cost and risk on behalf of the customer across the entire software product value stream.

DevOps platform teams design, build and maintain modern application environments that result in faster time to deployment, improved maintainability and reduced technical debt. DevOps stream-aligned teams focus on the quality delivery of their product: working software.

To scale DevOps, we recommend a product and platform team structure¹

By 2025, 95% of enterprises

will fail to scale DevOps initiatives if shared self-service platform approaches are not adopted.¹

DevOps is the proven model for enabling teams to create successful, working software. An expert platform team that supports value streams with modern tools and processes can scale the benefits of DevOps and help the organization achieve its goals. An application environment consisting of a highly integrated set of tools can increase productivity, quality and feedback cycles, improve automation, security and compliance—and lead to a more agile and responsive organization. Innovative technologies, processes and team behaviors produce better working software that delivers more customer value, increases velocity without sacrificing quality and maximizes the overall value returned from DevOps investments.

DevOps Success Demands Culture and Process Changes

Building an in-house platform team is not a simple task: it requires significant organizational transformation and investment.

All transformations are inherently challenging, for DevOps some of the most daunting hurdles are:

- **Establishing lean-agile team culture and behaviors is critical for success.** Changing team culture and behaviors and implementing new processes and technologies requires a long-term plan. Minimize resistance by focusing on quick, targeted wins that show value and success.
- **Building, training and retaining a top-notch platform team is expensive and time-consuming.** The competitive market makes it difficult to build fully staffed DevOps teams and retain top talent because new opportunities are always available. Nevertheless, a platform team is essential to avoid slow delivery cycles, bugs, technical debt and poor user experience, and achieve increased efficiency, standardization, scale and maximum value.
- **Failing to address security and compliance increases risk.** Often, organizations have not done a good job of “shifting left” when integrating security and compliance. Building both early in the process flow reduces risk, improves effectiveness and accelerates delivery.
- **Prioritizing governance and speed.** There is often a trade-off between decisions for following governance vs. decisions for accomplishing at speed. Teams need to understand when and why to prioritize governance or speed, and have a team culture that lives the risks and benefits of both.

Flexential Professional Services for DevOps

Flexential partners with your technology teams to design, build and maintain modern application environments using mature industry-leading cloud-native tools, a proven reference architecture and lean-agile methodologies.

Our experts implement observability, automation, containerization, and infrastructure as code. They support your teams throughout your DevOps transformation, helping you improve quality while decreasing development times and increasing release velocity.

Gain a supportive, collaborative and effective platform team.

Flexential's experienced platform teams augment your technology teams to offload platform work from stream-aligned teams, solve development and deployment challenges and achieve your goals. The result: a platform team managing your environments 24x7, enabling continuous integration and deployment, with maximum automation and scalability, to help achieve your organizational objectives and deliver great user experiences.

Make your technology teams faster, better and more

successful. Flexential's platform teams support your stream-aligned teams to achieve better working software faster. We can scale a team up and down with easy onboarding—and offboarding—to respond to your changing needs. Our ongoing 24x7 support and expertise reduce the need for you to recruit, train and retain your own specialized teams and allow your resources to focus on the demands of the business.

Enjoy a partnership for working software. Work with Flexential to execute your priorities successfully. Flexential partners with you to maintain your environments and solve your challenges. You'll experience faster and higher quality results with better visibility and maintainability, all while reducing operating costs.

Flexential's DevOps Professional Services Portfolio

Platform Modernization Strategy

We use a transformation blueprint to build modern, containerized, API-driven or microservices platform architectures. The plan can facilitate monolithic application deconstruction for lean-agile transformation.

- Our proven enterprise reference architecture is tailored to application-specific requirements.
- Get industry-standard DevOps tools with no vendor lock-in.
- Our methodologies are based on Lean-Agile principles.
- Leverage our hybrid IT orientation with services for on-premises, colocation, and private and public cloud.

DevOps Architecture and Operations

We architect, deploy, support and transform environments, including tooling and processes. An experienced team partners with your existing operations to add expertise, implement a proven architecture and manage day-to-day operations 24x7.

- Usability
- Reliability
- Securability
- Testability
- Deployability
- Maintainability
- Observability
- Scalability

Managed Container Orchestration

We deliver a containerized solution for application deconstruction and transformation to modern architectures and environments. The result is an environment that is highly scalable, fully automated and based on our proven operations stack.

How Flexential Platform Teams Operate

Flexential platform teams practice behaviors, processes and technologies that support modern, lean-agile DevOps methodologies.

- **Behaviors:** The Flexential team helps build an agile mindset, so your team is prescriptive rather than reactive, understands the technical flow of development and has technical accountability, visibility, and transparency.
- **Processes:** The Flexential team helps create scalable systems for logging, monitoring, code deployment, infrastructure deployment and support: all the DevOps processes that make teams and environments run optimally.
- **Technologies:** The Flexential team brings all the technologies and tools you need for a successful DevOps transformation: a compute environment with an observability platform, agile process tools, CI/CD, and automation tools needed for successful development and deployment

Flexential Professional Services for DevOps Benefits

- Better user experiences
 - Optimized value streams
 - Increased quality
 - Reduced operating costs
 - Faster time to deployment
 - Easier maintainability
 - Reduction of technical debt
 - Technology advancement and evolution
 - Peace of mind from 24x7x365 support
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QUESTIONS? NEED TO LEARN MORE?

Contact Flexential today to learn how our DevOps services and experts can help solve your challenges.

Sources:

(1) "Why DevOps Success Requires Platform Teams," Gartner, March 23, 2021, <https://www.gartner.com/en/documents/3999723>

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