

Business Agility and DevOps

Building blocks for delivery transformation



A changing landscape

The speed of technology innovation is giving rise to new business models demanding organizations to shift to empirical approaches and behaviors to stay relevant.

Business agility is now essential given the rapid change in the business and technology landscape.

Customer expectations are changing quickly, as are the ways in which they engage with businesses.

Organizations must proactively plan, adapt, and innovate to deliver higher quality technology in less time and with a smaller budget.

4x

IT is expected to deliver projects 4X faster with the same budget¹

70%

of IT budgets are spent on running the business, not innovation¹

¹ Deloitte CIO Survey

What is DevOps?

DevOps is a software delivery approach, culture, or practice that brings development teams and other IT stakeholders together to achieve a common business goal of delivering work faster while maintaining excellence in quality.

People

Establish a talent model that builds cross functional skills enabling truly autonomous and product centric teams

Establish interconnected processes across all phases of development and operations for consistent and predictable deployments

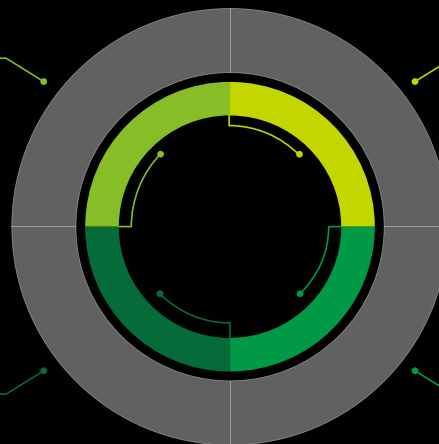
Process

Technology

Leverage the tool chain to optimize the deployment pipeline. Enabling frequent feature releases through the automation of processes to accelerate delivery and support activities

Build governance and DevOps evolution to support smart scalability and a more consistent and defined method of enabling secure software solutions

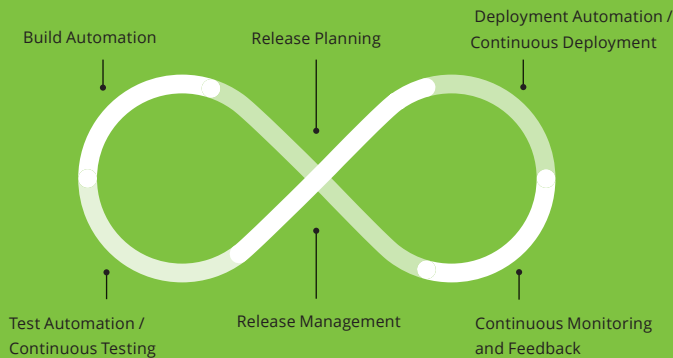
Governance



These four components must work together so organizations can deliver a better quality product faster, at a regular cadence, and in a collaborative manner.

DevOps Processes

DevOps requires adoption of empirical behaviors and drives optimization through adoption of lean principles across key processes throughout a product's life cycle to deliver software.



Why DevOps?

DevOps is the future of application lifecycle automation.

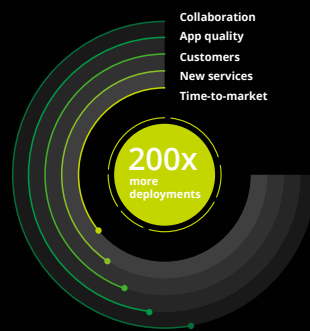
DevOps process automation and integration reduces the time and effort spent on manual tasks such as application testing, build, and deployment.

Organizations that have embraced a modern DevOps strategy can deliver product updates in very short cycles.

Benefits and Impact

Organizations adopting DevOps are already seeing an 18% to 21% reduction in time to market¹.

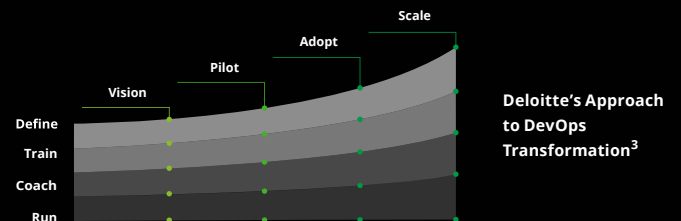
The release of new products and services and improved customer experience and satisfaction has led to a 20% increase in revenue for many organizations.



Shorter release cycles lead to an improved customer experience²

Deloitte Approach

Organizations are unique and the right IT delivery model has to be tailored to the organization, balancing business value, risks, and technical feasibility. At Deloitte, we follow a collaborative approach using our proven DevOps transformation model tool to help guide our clients with their DevOps journey.



¹ Worst-Kept Secret to Winning in the Application Economy – October 2014

² 2016 State of DevOps Report

³ TS&A US IT STRATEGY: Deloitte Consulting LLP 2017

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