



# Managed DevOps

Fully managed service enabling your team to build, test, and deploy applications in the cloud in a continuous and automated way.

DevOps is a set of cultural values and organizational practices that improve business outcomes by increasing collaboration and feedback between Business Stakeholders, Development, QA, IT Operations, and Security. A true DevOps transformation includes an evolution of your company culture, automation and tooling, processes, collaboration, measurement systems, and organizational structure—in short, things that cannot be accomplished through automation alone.

Despite the promise of DevOps, teams still struggle due to:

- Conflicting priorities, opposing goals, and lackluster measurement systems
- Lack of communication and a collaborative culture
- Technology sprawl creating multiple sources of truth and unreliable systems
- Skill shortage and long ramp-ups
- Security bottlenecks
- Hand-offs and re-work slowing down progress

DevOps can help:

### Increase Operational Efficiencies

Simplify the software development toolchain and minimize re-work to reduce total cost of ownership

### Deliver Better Products Faster

Accelerate the software delivery process to meet business objectives

### Reduce Security and Compliance Risk

Simplify processes to comply with internal controls and industry regulations without compromising speed

### Improve Product Quality, Reliability, and Performance

Limit context switching, reduce failures, and decrease MTTR while improving customer experience

## OUR MANAGED DEVOPS SOLUTION INCLUDES

Fully managed service enabling your team to build, test, and deploy applications in the cloud in a continuous and automated way while decreasing your time to customer value.



### DEVOPS ASSESSMENT & STRATEGY

**MEASURE** your current software development and operational maturity and develop a strategy for where and how to apply DevOps approaches.

**ASSESS** using the CALMS Model covering Culture, Automation, Lean Practices, Measurement, and Sharing.



### TEAM UPSKILLING

**IDENTIFICATION** of your current teams' skills and readiness.

**“Do it with me” MODEL** enabling your team to learn as we go.

**INSTRUCTION** on DevOps basics, Infrastructure as Code best practices, Git, CI/CD, and how to use GitOps principles.



### IMPLEMENT END-TO-END TOOLING

Source Code Management (SCM)

Continuous Integration (CI)

Continuous Delivery (CD)

Security (DevSecOps)

Agile Project Management

Visibility and Communication

Integrated with your existing systems



### ONGOING MANAGEMENT AND COACHING

**MANAGE** the tools platform and pipeline for you including monitoring, security, backups, and patching.

**DEVOPS DASHBOARD** and Scorecard will keep you on track in your DevOps transformation.

**ONGOING GUIDANCE** and coaching to help you continuously improve.

## TYPICAL IMPLEMENTATION PLAN



### PHASE 0

#### Basic DevOps Review

Basic DevOps overview and assessment delivered by our Solutions Architects.

### PHASE 1

#### Assessment & Strategy

Initial 2–4 week engagement to measure your current software development and operational maturity and develop a strategy for where and how to apply DevOps approaches.

### PHASE 2

#### Implementation

Minimum 4 weeks implementing GitLab (CI/CD and Source Code Management), Infrastructure as Code basics, and training on GitOps processes.

### PHASE 3

#### Onboarding to Managed Services

1–2 week onboarding to 2nd Watch Managed DevOps service and integration of your operations team and tools with ours.

### PHASE 4

#### Managed DevOps

Ongoing managed service including monitoring, security, backups, and patching. Ongoing guidance and coaching to help you continuously improve and increase the use of DevOps tooling within your teams.

Ready to build, test, and deploy applications in the cloud in a continuous and automated way? Talk with our DevOps experts about implementing a Managed DevOps solution today.

<https://go.2ndwatch.com/l/911262/2021-11-17/9fn2v>