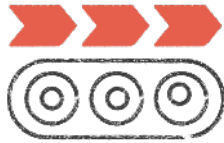


Partnering with Credera helps organizations assess their DevOps maturity level, adopt DevOps practices and/or improve efficiency of DevOps processes. Credera's DevOps offering helps cut through the noise and confusion in the DevOps area and focuses on developing a roadmap for adoption of relevant DevOps capabilities to bring value to your organization.

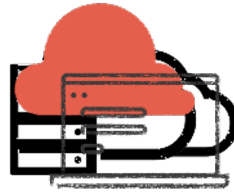
CREDERA'S APPROACH

DevOps Strategy

- Define business goals and objectives
- Identify pain points and sources of friction
- Assess current state technology
- Define future vision
- Identify quick wins
- Develop implementation roadmap


IT Automation

- Automated builds and deployments
- Source code branching and merging
- Automated testing
- Continuous integration
- Continuous delivery
- Release and version management
- Database versioning
- IDE automation
- Build and dev tools


Monitoring and Feedback

- APM evaluation and selection
- Instrumentation
- Performance and reliability monitoring
- Error logging and communication
- Problem escalation and remediation
- System hooks for visibility and control


Architecture and Design

- Operations and infrastructure needs as requirements
- Infrastructure as code
- Immutable infrastructure
- Containers
- PaaS
- IaaS
- Resiliency, self-healing
- Scale up
- Scale out


Organizational Change Management

- IT organization structure
- Roles and responsibilities based on new processes and org structure
- Trained and equipped IT organization
- Consistent and frequent communication about key changes
- Strong adoption of new processes and technologies

Credera believes DevOps is about more than automating builds and deployments. It's about rapid and repeatable deployments, reduced downtime through visibility of the running system, and regular feedback to development teams on ways to improve. These goals are accomplished by taking an iterative, incremental approach to DevOps.

VALUE PROVIDED

Utilizing the Credera model delivers several benefits:

- Outcomes achieved through the adoption of DevOps practices improve quality and generate greater efficiency, productivity, and revenue growth
- More predictability of software development lifecycle, leading to decreases in the possibility of last-minute issues arising during deployments
- Encourages innovation, improvement and experimentation throughout company culture

ENTERPRISE FIT

Your organization should consider this offering if:

- Your organization is embroiled in a fast-paced industry, requiring businesses to stay up-to-date on the latest software and services or risk falling behind the competition (e.g. eCommerce, healthcare, travel companies)
- Your organization seeks to utilize cloud functionality from the start to gain a competitive advantage (e.g. start-ups, new organizations)
- Your organization wishes to quickly deliver better software with minimal downtime

Credera has extensive experience in developing and executing DevOps roadmaps that focus on our clients' long-term objectives and help them reduce support complexity, improve quality, and realize other benefits of a DevOps culture, resulting in operational efficiencies and significant savings.

CLIENT SUCCESS

PROJECT OVERVIEW

CLIENT OUTCOMES



C Spire engaged Credera to define a strategy and implement a solution to ease the management and security of configuration for the over 200 applications owned and operated by C Spire's small Web Services application team

200 → 1
Consolidated application configurations



Credera engaged with a large transport company to resolve issues from a growing client app that had bottlenecks, backend failures, and timeouts

350%
more supported users



Credera engaged with a large quick service restaurant brand to automate across the build-test-deploy lifecycle and to drive speed to market, improve quality, and reduce risk to the business

10,000
hours of validation work saved in 12 weeks

SAMPLE DELIVERABLES

The sample deliverables include:

- DEVELOPMENT PROCESS FLOW:** A detailed flowchart showing the stages of development from initial user requirements through QA, development, testing, and deployment.
- PRIORITIZED OPPORTUNITIES MAP:** A 2x2 matrix plotting projects by Impact (High/Low) and Effort (Low/High). It categorizes projects into Quick Wins, Strategic Projects, Tactical Projects, and Risky. Key initiatives include increasing automated testing, improving CI/CD, and enhancing deployment processes.
- IMPLEMENTATION ROADMAP:** A Gantt-style chart showing the timeline for various implementation phases across multiple quarters (Q1 to Q4).

PARTNER WITH US

Quickly realize benefits with Credera's offerings:

- BRIEFING:** Establish a high-level understanding of needs and identify prioritized DevOps opportunities
- BRIEFING + WORKSHOP:** After completing the briefing process, define baseline roadmap milestones and strategy
- ASSESSMENT:** Undergo a comprehensive review of the development process flow to create an implementation project plan