

- ✦ Managed DevOps services
- ✦ DevOps Launch Consulting
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- ✦ DevOps Tech Consulting
- ✦ DevSecOps

DevOps Consulting Services

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Managed DevOps services

Now, manage DevOps processes and operations. These services typically include:

➤ **Continuous Integration and Continuous Deployment (CI/CD) pipelines:** Automated and streamlined processes for building, testing, and deploying software.



➤ **Infrastructure as Code (IaC):** Automation of infrastructure provisioning and configuration management using code.

➤ **Monitoring and Logging:** Real-time monitoring of applications and systems, and centralized logging to diagnose and troubleshoot issues.

➤ **Security and Compliance:** Ensuring that applications and infrastructure comply with security and regulatory standards.

➤ **Collaboration and Communication:** Tools and platforms for collaboration and communication among development, operations, and other stakeholders.

The goal of Managed DevOps services is to help organizations improve the speed and quality of software delivery, reduce operational costs, and minimize risks.

Why Managed DevOps & why to outsource?

- Improved Speed and Efficiency
- Reduced Costs
- Enhanced Security and Compliance
- Access to Expertise
- Scalability
- Improved Collaboration
- Increased Reliability and Availability



DevOps Launch Consulting

Microservices architecture is a modern design approach that involves breaking down complex systems into smaller, independent components that can be developed, deployed, and managed separately. DevOps practices can help organizations implement microservices architecture in a faster, more efficient, and more reliable way.



Amvion offers expertise in using DevOps practices for microservices architecture, including:



Design and Implementation



CI/CD Pipelines



Monitoring and Logging



Security and Compliance

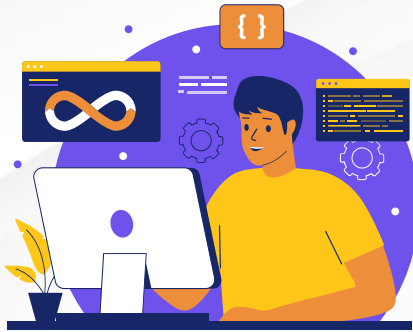


Scalability and Resilience

Amvion's DevOps Consulting Services are designed to help organizations quickly and effectively adopt microservices architecture, leading to improved software delivery speed and quality, reduced operational costs, and increased customer satisfaction.



DevOps Project Recovery Consulting



Is your organisation facing challenges or setback in DevOps initiatives? Even the most meticulous planned projects can encounter roadblocks

Assessment and Analysis:

- » Assess the current state of the project against the intended goals. Identify gaps in processes, technologies and team skills.
- » Investigate the reasons behind the project's failure or stagnation. It could be inefficient workflows, poor communication, inadequate tooling, etc.

Strategic Planning:

- » Develop a detailed recovery plan outlining specific steps and milestones to achieve project stability and progress.
- » Determine critical areas that need immediate attention and prioritize tasks accordingly.



Process Improvement:

- » Introduce industry-standard DevOps practices like Continuous Integration/Continuous Deployment (CI/CD), Infrastructure as Code (IaC), automated testing, etc.
- » Streamline development, testing, deployment, and monitoring processes to enhance efficiency and reduce bottlenecks.

Tooling and Technology:

- » Assess existing tools and technologies. Recommend and implement new tools if needed to improve collaboration, automation, and monitoring.

Risk Management:



- » Identify what might hinder project recovery and develop strategies to mitigate them.
- » Implement robust monitoring and feedback mechanisms to track progress and address issues promptly.

Post-Recovery Support:

- » Provide ongoing support after the recovery phase to ensure the implemented changes are effective and sustainable.

DevOps Tech Consulting

Application Modernization consulting services help organizations transform their legacy applications into modern, scalable, and secure systems.



Amvion’s team of experts has extensive experience in helping organizations modernize their applications:

Assessment:

To evaluate the current state of legacy applications and determine the steps necessary to modernize them. This includes identifying any technical debt, performance bottlenecks, and security vulnerabilities

Re-architecting:



Assistance to re-design the architecture of legacy applications to convert them to be more scalable, secure and efficient. This includes moving from monolithic architectures to microservices-based architectures, and from on-premise systems to cloud-based systems.

Re-platforming:

Moving legacy applications to modern platforms such as cloud computing, which provide more computing resources, scalability, and cost-effectiveness.

Re-engineering:

Get updated on legacy applications to use modern technologies, such as microservices, containers, and serverless computing, to improve performance and scalability.



Automation:

Automate various aspects of application development, deployment, and operations, such as CI/CD pipelines, infrastructure as code, and monitoring and logging.

By leveraging DevOps practices and tools, Amvion’s experts help organizations modernize their applications in a fast, efficient, and reliable manner, leading to improved software delivery speed and quality, reduced operational costs, and increased customer satisfaction.

DevSecOps

DevSecOps is an approach to integrate security into the software development lifecycle from development to deployment thereby maintaining high levels of security and compliance.

DevSecOps services help organizations integrate security into their software delivery processes. Amvion could help significantly to implement DevSecOps.



Accelerate software delivery:

By integrating security into the software development lifecycle, organizations can eliminate the need for separate security testing phases and accelerate software delivery.

Improve security and compliance:



Integrate security into their software delivery processes and automate security testing.

Automate security testing:

Would result in reducing manual effort and enabling organizations to scale their security testing as their software delivery processes grow.

Adopt DevSecOps best practices:

Follow industry-leading approaches to software development and security.

Improve collaboration and communication:

Improve collaboration and communication between development, security, and operations teams, ensuring that everyone is working together to deliver secure software.

