

CONTINUOUSLY IMPROVING THE FLOW OF VALUE DELIVERY:

BASELINING

Establish and collect initial value-delivery metrics and key indicators.

ANALYSIS & PRIORITIZATION

Select incremental improvements by assessing level of effort against expected improvement to baseline metrics.



TOOLING

Stand up or improve DevOps tools if needed to support the selected improvements.

IMPLEMENTATION

Work with relevant stakeholders to roll out the changes and foster adoption.

REFLECT & ADJUST




Review post-implementation metrics against expected improvements and adjust metrics or improvement process if-needed.



ABOUT

Macro Solutions is a woman-owned information technology and management consulting firm that helps companies and government organizations select, implement, modernize, integrate and maintain critical end-to-end business solutions.



CONTACT

-  Washington, DC
-  New Orleans, LA
-  Memphis, TN

 macroinfo@macrosolutions.com
 202.618.8144

ACCELERATING DELIVERY OF IT BUSINESS VALUE WITH DEVOPS

Digital transformation in the public and private sectors requires a commitment to continuous improvement of flow of value to the business or mission.

Macro Solutions delivers proven performance in delivering critical DevOps capabilities that support accelerated delivery of business value.

We will assist you with all aspects of your DevOps journey, including evidence-based improvement planning, DevOps Tooling and Automation, and Organizational change needed to accelerate IT's delivery of business value to your enterprise.

EVIDENCE-BASED PLANNING

Macro Solutions works with you to develop the processes and metrics needed to sustain continuous improvements in business value delivery.

Key Activities:

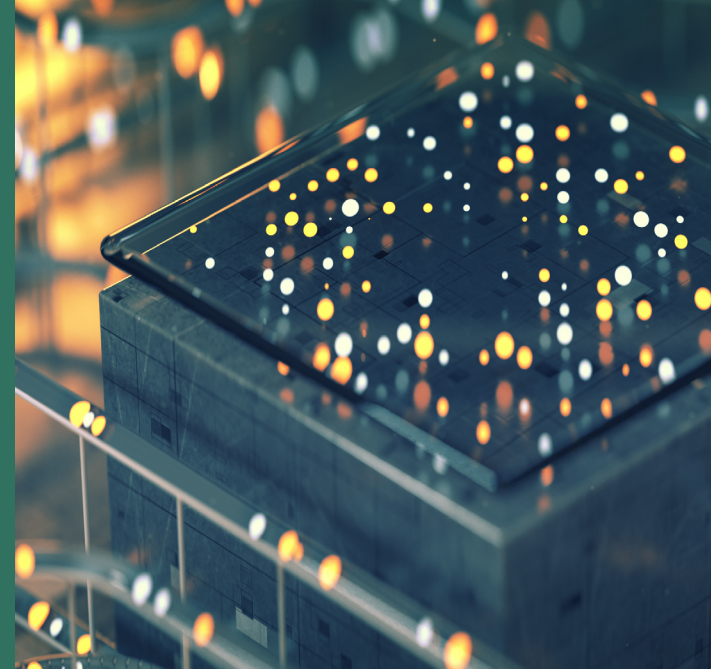
- Value Stream analysis
- Collection and monitoring of critical metrics (*MTTR, Lead Time, Process Efficiency, etc.*)
- Effort/Value analysis and prioritization of improvements
- Monitoring and review of metrics to assess improvement outcomes

TOOLING & AUTOMATION

Macro Solutions builds, maintains, and enhances your entire DevOps automation toolchain, whether it is in the cloud, on-premise, or a hybrid of the two. We have extensive experience from building thousands of pipelines for dozens of modern and legacy platforms and technologies – everything from SAAS offerings to microservices to legacy client-server systems. We apply DevOps principles and practices to managing these capabilities, continuously enhancing our own value delivery while also serving as an example to other stakeholders of how DevOps can be put into practice in your organization.

Key Capabilities We Implement & Maintain:

- Continuous Integration and Continuous Deployment (CI/CD) Orchestration
 - *Application Component Code*
 - *Database Structure*
 - *COTS Product and Platform Configuration*
 - *Virtual Infrastructure (Server, Network, etc.)*
 - *Provisioning and Configuration*
- Unit and Integration Testing and Coverage for Test Driven Development (TDD)
- Release Orchestration
- Behavior-driven development (BDD) management and processing
- Automated & Continuous Functional Testing
- Code Quality and Security Scanning
- Security Testing
- Performance and Stress Testing
- Monitoring and Automated Recovery



ORGANIZATIONAL CHANGE

Macro Solutions' approach to DevOps recognizes that tools and processes have limited impact without people who understand their purpose and how to effectively leverage them. **We foster DevOps adoption by using a variety of techniques:**

- Management education on DevOps culture, values, principles, and practices
- DevOps culture measurement & improvement
- Facilitated value and priority management
- Facilitated negotiation and streamlining of compliance with operational departments (*HR, Legal, Finance, etc.*)
- Development team mentoring and facilitated implementation
- Facilitation and coordination of DevOps communities of practice (*CoPs*)

