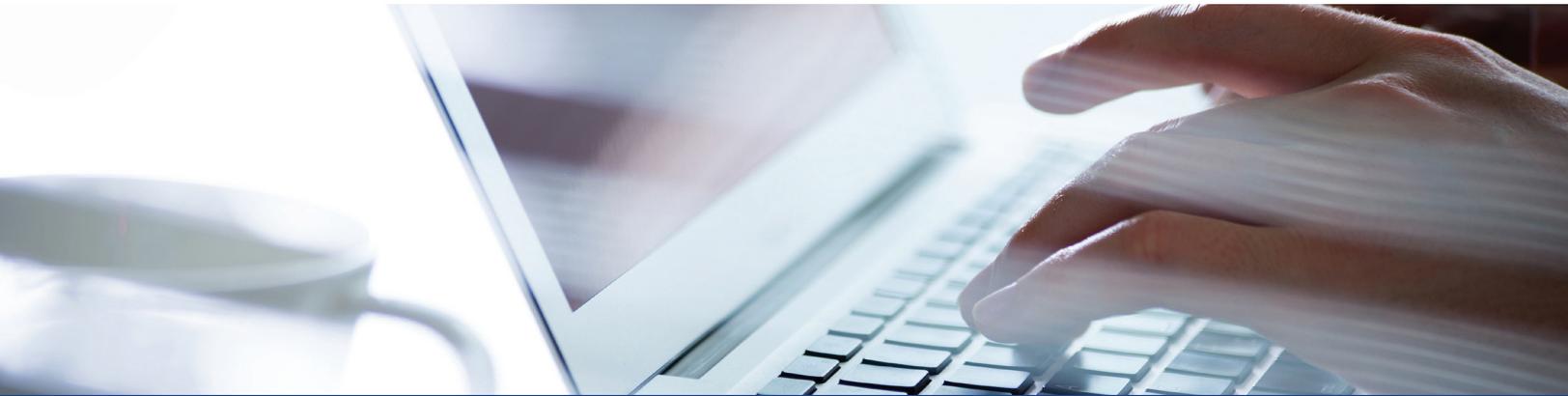# IBA Agile/DevOps Solution Set

Continuous Delivery at All Stages of the Development Process

IBA offers a range of Agile and DevOps services that help businesses identify, analyze, and manage their organizational needs. We have the experience and know-how to support your projects and programs from start to finish.

An increasing number of organizations are turning to Agile methodologies to improve project success rates and increase the business value of development efforts. However, the success of an Agile strategy will be limited if it does not include practices that address scalability, continuous integration, and ongoing maintenance in the production environment. DevOps works in conjunction with Agile development strategies to keep projects on course, accelerate product delivery, and increase quality and productivity.

A variety of factors can stand in the way of an effective Agile/DevOps implementation, and not all organizations suffer from the same types of issues. Many organizations can benefit from the support of an experienced team that understands a wide range of Agile methodologies and can develop a strategy tailored to suit the specific needs of their clients.

Why Choose IBA?

We know that not every client has the same needs. IBA's knowledgeable professionals will work with your team to create an Agile strategy that is right for your environment, project goals, and business objectives. Our experts are committed to the success of your projects and can help your team adopt and scale Agile practices and processes across your entire development effort, including UI, UX, DevOps, testing, and release.

What We Offer

Scaled Agile Strategies - Our experts have experience with a number of Agile frameworks, including Scrum, Kanban, Scaled Agile Framework (SAFe), Disciplined Agile Delivery (DaD), and Large-Scale Scrum (LeSS). We will work with your organization to implement a strategy that is scaled to your needs.

IBA CAN HELP YOUR ORGANIZATION:

▷ Accelerate time to market through streamlined project delivery

▷ Align crossfunctional teams to increase productivity and deliver functionality faster

▷ Minimize risk through early identification of quality concerns

FEATURES

▷ Governance and metrics, burndown and burn-up charts, program dashboards

▷ Scaled Agile Frameworks

▷ Complex story estimation and Velocity progress reporting

▷ Product backlog refinement

▷ Source Code quality control and review: Git, Github, Sonarqube

▷ Development using Business Driven Development (BDD): Gherkin and Cucumber

▷ Managing code for cloud: Ansible, Puppet, Vagrant, Chef, and Docker

▷ Continuous Delivery (CD), Continuous Integration (CI): using Jenkins,Bamboo and Artifactory

Governance and Metrics - Our experience with Agile lifecycle management (ALM) tools, such as Jira, allows us to establish testing practices and reporting procedures, collect structured data on team and program performance, and aggregate this information into a dashboard format.

Continuous Integration (CI) and Continuous Delivery (CD) - We help teams leverage cloud-based tools to deploy automated workflows across testing and production environments and increase the efficiency of source repository integrations and feedback loops across the entire release chain.

Velocity Reporting - By measuring the velocity of Agile teams, we can provide insight and visibility into the progress and status of projects, allowing your organization to make strategic decisions at the program and portfolio level.

Product Backlog Prioritization - We develop the processes and practices needed to maintain a well-prioritized product backlog for each project using structured workshops and meetings to inform updates and revisions from a business, development, testing, and user perspective.

Version Control and Review - Using tools such as Git, Github, and Sonarqube, we enable the control of source code revisions, allowing teams to recover from mistakes, review past changes, collaborate with other developers, and automate code-related tasks.

Automated Testing - We enable Test Driven Development (TDD) and automated unit testing through the use of frameworks such as JUnit.

How We Deliver

We Help Drive Agile Culture Adoption - Our services revolve around setting up a culture of shared ownership and collaborative development approaches. Our teams work closely with organizations to bridge the gap between DevOps and business objectives.

Increased Efficiency Through Automation - We have the experience and capability to automate a variety of tasks, minimize risk and allow software development teams to concentrate on the quality of their software.

Measuring Failure, as Well as Success - We know that data can be incredibly powerful. Correct measurement and reporting techniques allow development teams to gain a higher level of visibility and provides organizations with insights into where their programs are excelling and failing, so that they can adjust their efforts accordingly.

Providing Visibility Through Shared Information - We encourage the sharing of ideas between cross-functional teams to allow for quicker resolution of issues.