Applications begin as bits of code written by people. The principle steps to evolve that code into a complete production application or service are somewhat standard. Write code, check it in, integrate it with other code, build it, test it, and deploy it. This is a practice repeated time and again within any software development organization. Executing this cycle faster allows new features and quality improvements to be delivered more quickly, which in turn translates into a better customer experience and a competitive advantage. And if we can run the process faster, then we can run it more frequently, delivering even more business value.

The process of seamlessly, automatically, and routinely taking code from development to production is referred to as Continuous Integration and Continuous Deployment (CI/CD), a state of capability that most organizations aspire to achieve. But why is it that some organizations are already successfully leveraging CI/CD, turning bits of code into production apps several times per day, while others may require a week or a month to achieve the same result? We often point to DevOps practices with its associated tools, processes, and culture as being enablers for achieving CI/CD capability.

Kovarus offers a variety of services and solutions to help our customers introduce DevOps practices and the appropriate technologies into their environment towards enabling CI/CD capability. For existing DevOps and CD/ID adopters, Kovarus offers services that focus on specific areas of the CI/CD pipeline to help our customers identify opportunity for optimization and assist with those improvements.
**CI/CD Assessment & Roadmap**

The pipeline to build, test and deploy that takes more than a month in certain cases can be reduced to minutes by automating the bottlenecks and using industry standard tools for orchestration. Kovarus will work with the select technical and business subject matter experts from the customer teams, identify current capabilities, tool sets, and processes along with their relevant attributes to perform a gap analysis resulting in an overarching recommendation and strategy to optimize, automate, and shorten the release cycle.

**CI/CD Implementation & Optimization Services**

Kovarus can assist in implementing the overarching CI/CD pipeline infrastructure, processes, and practices or help existing adopters to optimize discreet areas of their CI/CD pipeline such as:

- Artifact Management
- Configuration Management
- Operational Management
- Pipeline Management
- QA Testing Automation
- QA Testing Code Coverage
- Release Management
- Source Code Management

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**About Kovarus**

Kovarus helps businesses transform their IT operations into a modern cloud. We work with our clients to create Business Aligned IT Solutions™ by simplifying their IT operations and leveraging the Kovarus Cloud Enablement Framework to effectively deliver applications and services.

Kovarus has helped some of the greatest companies in the world transform their IT Operations. With an extensive array of elite technical certifications and credentials, leading technology partners continually recognize Kovarus for its commitment to excellence and its focus on delivering exceptional customer service.