## CI/CD

Automating Our Way To More Profit

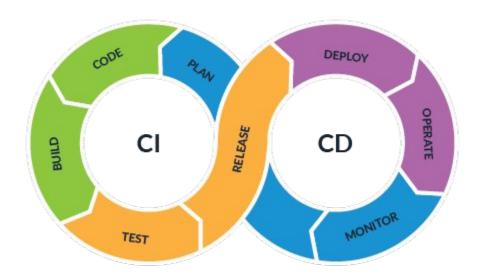
## What is CI/CD?

CI/CD is a combination of two terms: CI and CD.

CI means continuous integration and it is the automation of the process to merge code from different engineers. This automation ensures that all checks are passed before the new code is merged.

CD means continuous delivery and it is the automation of the product delivery process to our users. Instead of manually deploying our code and creating infrastructure for it to run on, we automate it.

## CI/CD



Source: Parasoft

## Benefits of CI/CD

These are some of the benefits offered by CI/CD:

- With CI/CD, we can build and ship new features 50% faster. This means we can focus on what matters to our users and improve our revenue.
- We have less risk of downtimes. If a deployment fails, it is automatically rolled back to the previous version and we do not suffer downtime. This means our revenue is protected.
- With CI/CD, we can also use just the right amount of infrastructure at a particular time, leading to cost savings. We estimate this will reduce infrastructure costs by 30%.
- With CI/CD, it's also easy to detect security issues early, which helps to avoid the cost that comes with security breaches.