

## Why CI/CD ?

The definition and benefits of CI/CD.

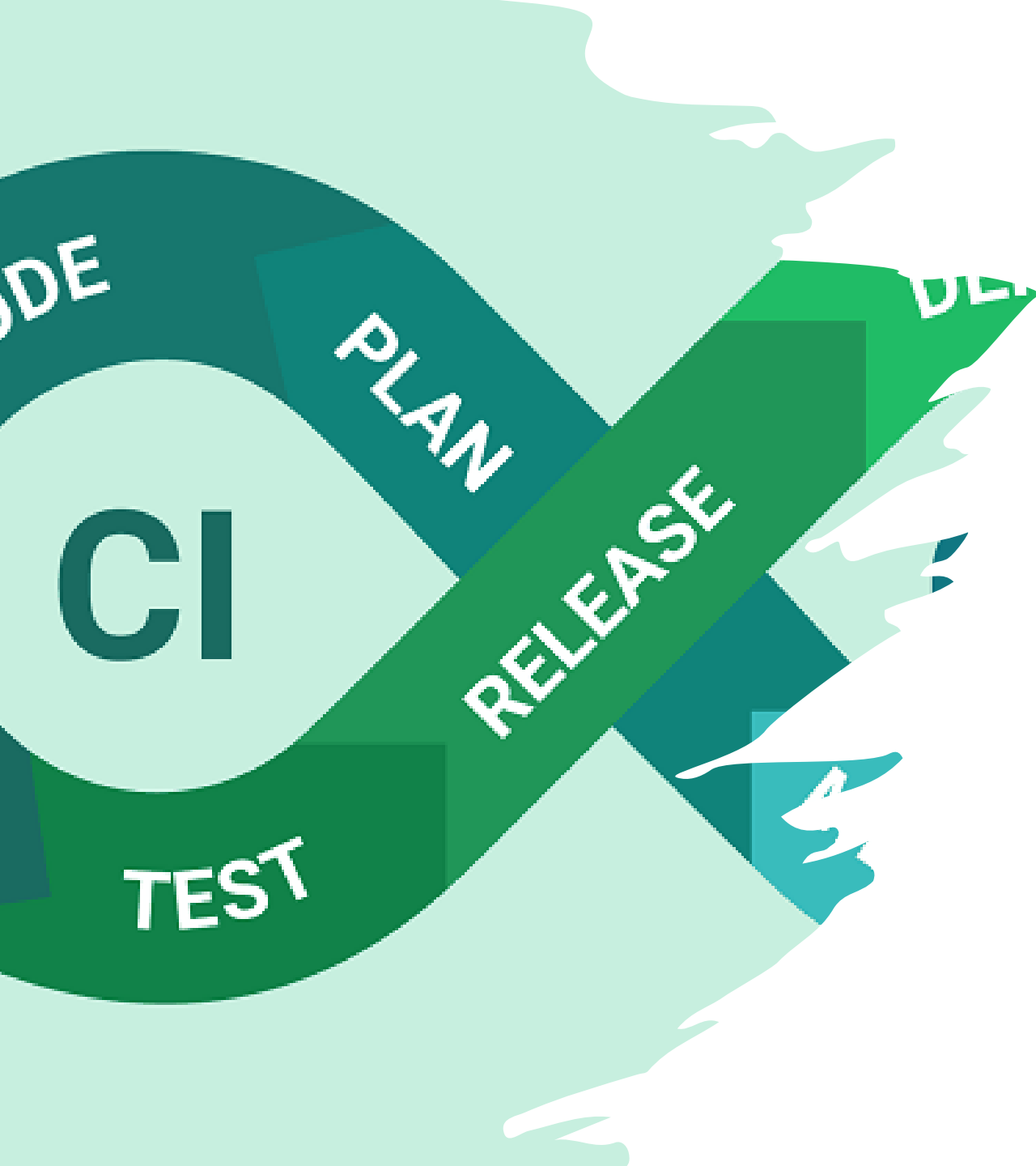


# Continuous integration / Continuous deployment

## What is CI/CD?



Is dividing our work (code) into little chunks, constantly sharing our work (code) with our coworkers and putting this work (code) into production as soon as possible.



## Why investing in CI/CD?

1. Working on the same feature with multiple team members is much easier.
2. Merging small changes is much less expensive than merging large changes.
3. Finding the root of errors becomes much simpler because QA engineers can validate small changes more easily and iteratively in a consistent system.
4. Customers may have access to features at an earlier stage.

# Business Benefits of CICD

Action	Value
Quicker delivery of new features that provide value	Increase Revenue
Shorter time to market	Increase Revenue
Reduced downtime from a bad deploy or bug	Protect Revenue
Quick undo to get the production back to previous state	Protect Revenue

# Business Benefits of CICD

Action	Value
Fewer production issues and less testing time.	Avoid Cost
Fewer human errors and quicker deployments	Avoid Cost
Prevent security vulnerabilities	Avoid Cost
Savings on infrastructure costs due to unused resources	Reduce Cost
Less time spent by developers on problems caused by new developer code.	Reduce Cost