

A better way to share products to
market

CI/CD:

- CI/CD is the combined practices of continuous integration (CI) and continuous delivery/continuous deployment (CD)
- CI/CD bridges the gaps between development and operation activities and teams by enforcing automation in building, testing and deployment of applications.

How does CI/CD work?

- CI/CD services compile the incremental code changes made by developers, then link and package them into software deliverables
- Automated tests verify the software functionality, and automated deployment services deliver them to end users.

What is CD?

- Continuous Delivery (CD): is the ability to get changes of all type; including new features, configuration changes, bug fixes into the hands of users, safely and quickly in sustainable way.

What is CI ?

- Continuous Integration (CI): it means new code changes to an app are regularly built, tested, and merged to a shared repository. It's a solution to the problem of having too many branches of an app in development at once that might conflict with each other.

CI/CD benefits

- Deliver faster with an accelerated release rate
- Ensure superior code quality
- Fault isolation
- Simplified rollback
- Continuous feedback
- Reduce cost

CI/CD benefits cont.

- Increase revenue
- Code is easier to manage
- Enhance productivity