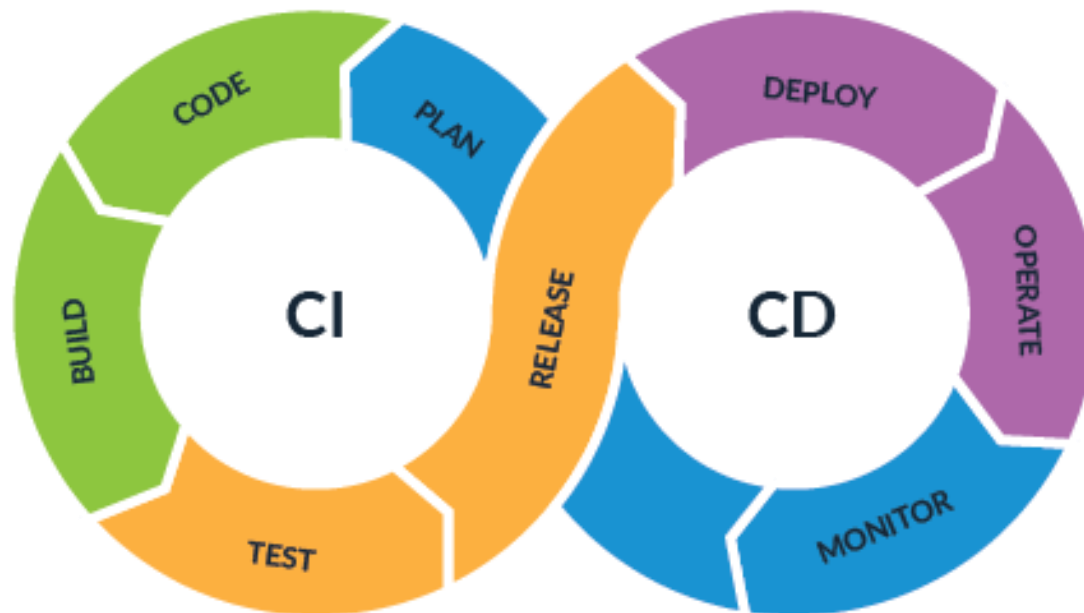


CI/CD BENEFITS PROPOSAL



CI/CD Introduction

➤ Continuous Integration

- The practice of merging all developer's working copies to a shared mainline several times a day.

➤ Continuous Deployment

- A software engineering approach in which the value is delivered frequently through automated deployments.

➤ Continuous Delivery

- An engineering practice in which teams produce and release value in short cycles.

Continuous Delivery = Continuous Integration + Continuous Deployment

CI/CD Benefits (1/2)

➤ **Faster Time-to-Market**

- CI/CD automates the process of building, testing, and deploying
- Reducing the time it takes to deliver new features or fix issues

➤ **Improved Quality and Reliability**

- Bugs are detected early in the development cycle, reducing the risk of costly errors in production
- Ensure the customer's expectations by automating the testing

➤ **Continuous Improvement**

- Continuous feedback on the quality, performance, and usability of software
- Identify areas for improvement and make changes quickly

CI/CD Benefits (2/2)

➤ **Cost-saving**

- Less developer time on issues from new developer code
- Less infrastructure costs from unused resources

➤ **Protect Revenue**

- Reduced downtime from a deploy-related crash or major bug
- Quick undo to return production to working state

➤ **Increase Revenue**

- Less time to market
- Reduced downtime from a deploy-related crash or major bug

Thanks!