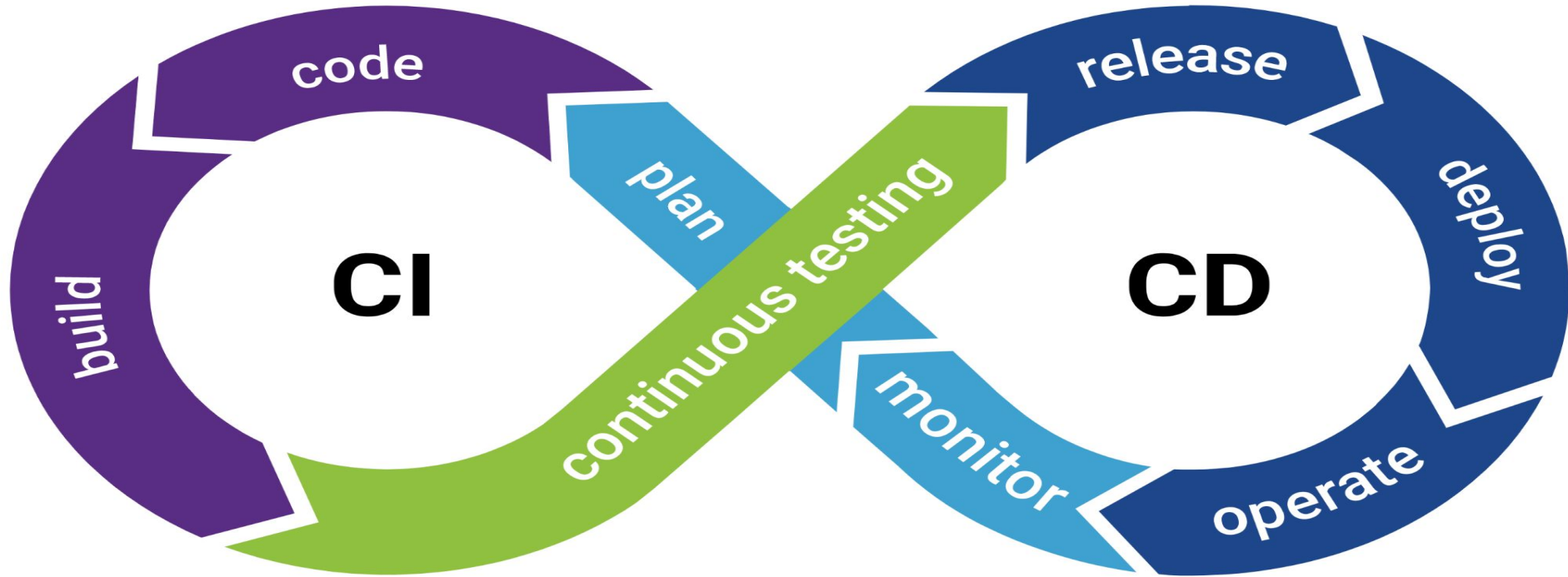


BUSINESS CASE FOR CI /CD



What is CI/CD ?

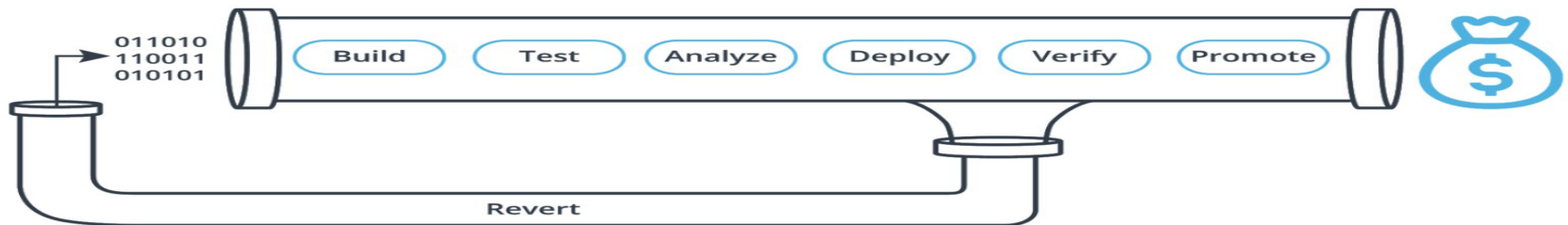
Continuous Integration

*The practice of merging all developers' working copies to a shared mainline several times a day. It's the process of "**Making**"*

Continuous Deployment

A software engineering approach in which the value is delivered frequently through automated deployments. Everything related to deploying the artifact fits here.

The CI/CD Pipeline



Why do we need CI/CD

CI/CD allows organizations to ship software quickly and efficiently.

Improve communications between technical team and Business team

CI/CD facilitates an effective process for getting products to market faster than ever before, continuously delivering code into production.



Technical Team

One Team



Business Team

We Need to Translate CI/CD Concepts into Words Our Stakeholders Can Understand

Benefits of CI/CD

Technical Language	Value	Translation
Catch Compile Errors After Merge	Reduce Cost	Less developer time on issues from new developer code
Catch Unit Test Failures	Avoid Cost	Less bugs in production and less time in testing
Detect Security Vulnerabilities	Avoid Cost	Prevent embarrassing or costly security holes
Automate Infrastructure Creation	Avoid Cost	Less human error, Faster deployments
Automate Infrastructure Cleanup	Reduce Cost	Less infrastructure costs from unused resources
Faster and More Frequent Production Deployments	Increase Revenue	New value-generating features released more quickly
Deploy to Production Without Manual Checks	Increase Revenue	Less time to market
Automated Smoke Tests	Protect Revenue	Reduced downtime from a deploy-related crash or major bug
Automated Rollback Triggered by Job Failure	Protect Revenue	Quick undo to return production to working state

THANK YOU

