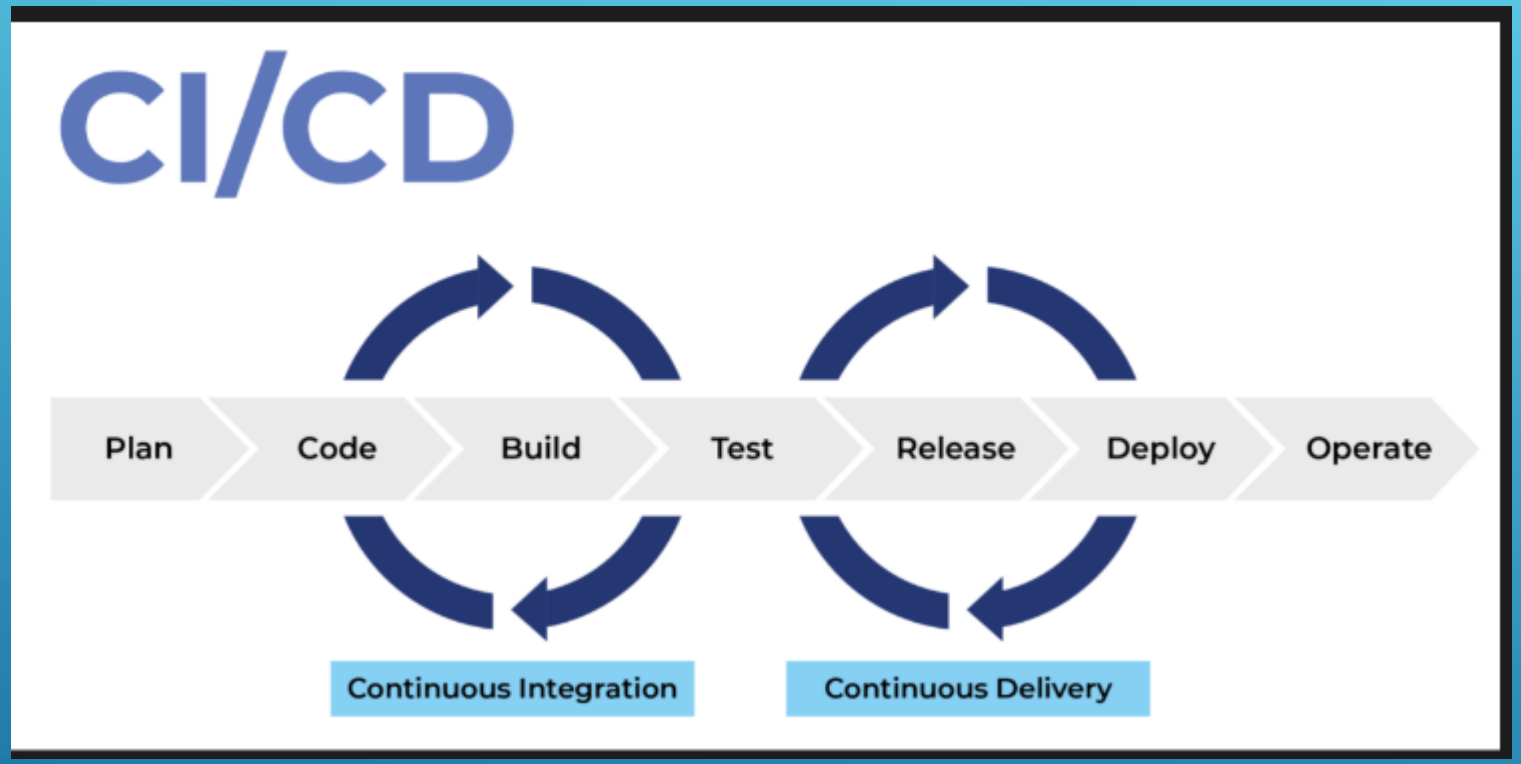
CI/CD – CONTINUOUS INTEGRATION / CONTINUOUS DEPLOYMENT

This is a short presentation on the benefits I feel CI/CD could bring to our company and why we should consider it


CI/CD
Plan
Code
Build
Test
Release
Deploy
Operate
Continuous Integration
Continuous Delivery

WHAT IS CI/CD

Continuous integration is a process of automation in which new code is written, tested and merged to a shared repository regularly.

Continuous Deployment is ensuring changes to code are automatically tested and verified to be working and safe deployment to the production environment

BENEFITS TO OUR COMPANY

- Smaller code changes
- More testing reliability
- More efficient and reliable releases
- Turning code into cash via reduced costs and downtime
- Increased transparency and accountability
- Easier maintenance and upgrades

TOP TWO

- Reducing costs – By reducing number of errors, we will have a more reliable service. This will free up developer time to focus on new innovative ideas.
- Customer satisfaction – A key way to keep our customers happy will be regular updates to the service, this can be improvements or bug fixes but we would ensure any customer requests could be turned around in a quick manner. I feel this will keep our customers engaged and feel appreciative of our efforts rather than looking elsewhere at competitors.