

# AUTOMATION FOR CLOUD-BASED SOFTWARE PRODUCTS

LOWER COST AND BETTER PRODUCTS THROUGH CI/CD

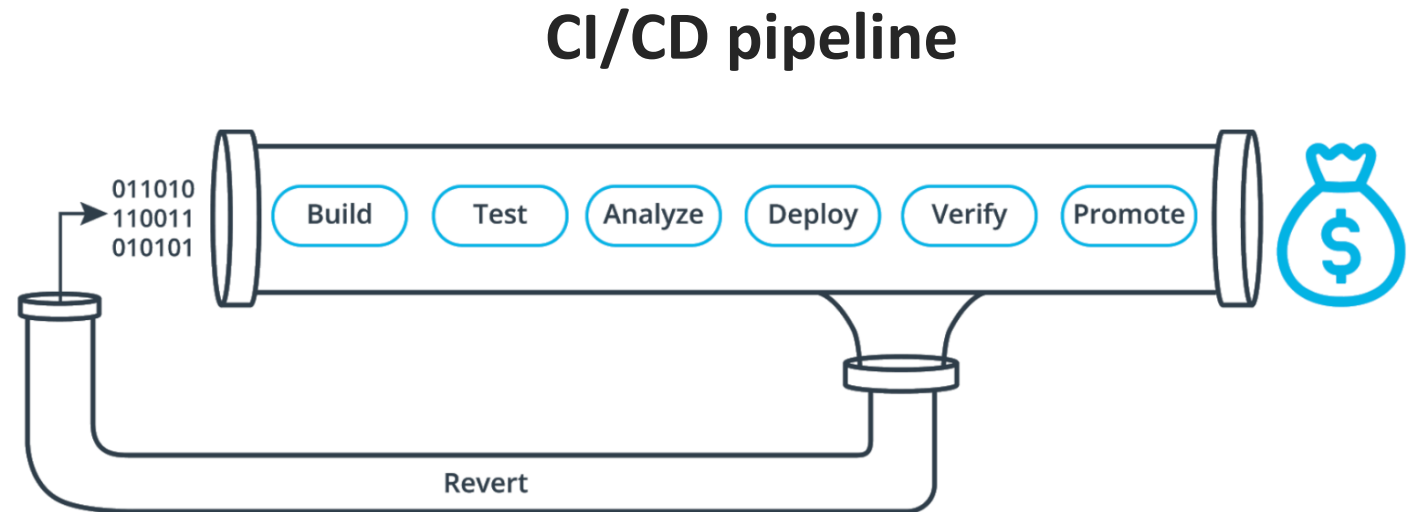


**CI/CD Proposal**

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CI/CD is the combined practices to frequently deliver application to customers.

CI/CD solves fundamental business inconsistencies by introducing automation into the stages (build, test, analyze, etc.) of application development, in the form of a pipeline.



## *Current*

Manual production  
Regular schedule slips  
Susceptible to cutting corner  
Prone to human error

+

Unexpected downtimes  
Unnecessary cost  
Structural team stress

**VS**

## *CI/CD*

Automated infrastructure  
Faster deployment  
Higher Customer satisfaction  
Enhanced failure detection

+

Increased Revenue  
Reduced cost  
Built-in quality

## **Application integration and deployment takes too long**

- Isolated culture
- Often, teams cut corners just to stay on schedule
- This affect our trustworthiness towards our customers

With CI/CD we automate our processes leading to less human error and less bugs in production. A penny saved is a penny earned.

Through CI/CD less developer time is spent on issues from new developer code. It enables new value-generating features to be released more quickly allowing UdaPeople to quickly adapt to our customer's requirements.

## **Low overall productivity with high app development risks**

- Busy fixing issues
- Faults arise late in the process
- This leads to internal stress and schedule slips

With CI/CD we integrate the whole team in the CI/CD loop making everybody knowledgeable on the whole system.

The team will automate as much as possible to find faults as early as possible, enhancing overall team efficiency.

In this way the whole team feels responsible for their own productivity. Overall department and customer satisfaction is improved.

**Innovation is the creation of the new  
or the re-arranging of the old in a new way**

**– Michael Vance**