



Fundamental Gains of CI/CD

How organisations can save cost and iterate faster

What is Continuous integration?

Continuous integration (CI) is the practice of automating the integration of code changes from multiple contributors into a single software project. It allows developers to frequently merge code changes into a central repository where builds and tests then run.

What is Continuous delivery?

Continuous delivery (CD) is an approach to software engineering based on producing software in short cycles. With CD, development teams can build, test, and release software faster and more frequently. As a result, they can reduce the cost, time, and risk of delivering each change.

What's in it for us - CI?

CI promises:

- Faster Mean Time To Resolution (MTTR)
- Reduce code conflicts
- Faster Release Rate

Corporate gains of CI:

- Increase revenue
- Cost reduction
- Protect revenue and avoid cost

What's in it for us - CD?

Benefits of CD:

- Speed up production deployment and do so frequently
- Automated and more predictable deployment
- Automatically handle failure with rollbacks

Corporate gains of CD:

- Ship features faster and make happy customers
- Gain more market share

CI/CD Workflow

