

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is light green. They are positioned diagonally, with the blue one partially covering the green one.

Why CI/CD matters

And other obvious thing :)



Faster time to market



Understanding your users' needs, coming up with innovative features, and turning them into robust code is not necessarily enough if your competition is moving more quickly. With an automated CI/CD pipeline you can ship changes weekly, daily or even hourly. New features can be launched faster, with deployment strategies giving you the option to experiment and collect feedback



Reduced risk



Having a shorter time to market doesn't just help you keep up with the competition. Rapid releases provide an opportunity for product managers and marketing professionals to engage more closely with the development process.

Shorter review time



With continuous integration, developers are encouraged to commit their code changes more frequently which means if something does need to be changed before a commit can be merged, there is less code to rewrite and fewer conflicts to resolve.



Better code quality



Testing your code's behavior is an essential step in the software release process but doing it thoroughly can also be extremely time consuming. A central part of any CI/CD pipeline is a series of automated tests that are run on each and every build. Although writing automated tests requires an investment of time and expertise, doing so pays significant dividends.



Efficient infrastructure



Taking an infrastructure-as-code approach involves automating the creation of those environments. Environments can be brought online quickly without the risk of inadvertent changes and inconsistencies. You can also identify and delete redundant resources more quickly as all the infrastructure is visible and scripted and stored in version control.