



UdaPeople



How automation has influenced the costs of our products

Before Automation

- Pay an engineer to test the products.
- The manual release process always leads to delays of production deployments.
- Deployments are pretty complex. Only a chosen few experts are able to understand the whole process and there are no tests and rollback mechanisms.

After Automation

- Team members can evaluate their peer's changes in a system that has passed automated testing rather than the moving target of a feature branch.
- Add automated infrastructure provisioning.
- Automated Tests and Rollbacks will protect project revenue due to reduced downtimes from deploy-related crashes and fast and automated rebuilding of the production-ready state.

The business value and benefits of CI/CD

- The enhancement to the overall quality of the code that CI/CD provides is one of the most significant business advantages. The development team only releases code in small batches so that it can be extensively tested. For instance, unit testing enables developers to find and repair the most significant flaws before releasing the software to a live environment.
- Actions that are automated are less prone to human error and are simpler for the team to handle. An ideal deployment process would involve no human involvement at all during any deployment into the production environment. This is the core idea behind continuous deployment. It significantly reduces the cost of software development.
- Dealing with problematic software hurts your business's reputation and irritates customers. You can make your application's end users happy by releasing new features frequently, responding to user comments, and quickly addressing bugs.
- Most businesses don't aim to win a sprint — their goal is to win a marathon. Cutting ahead of the competition isn't easy and doing it consistently is even harder. By automating manual tasks, you can prevent your team from burning down all the way before your business becomes successful.

Automated pipelines reduce the amount of manual labor and open the doors to cost savings since the people you employ are actually far more expensive than your tools.

The business value and benefits of CI/CD

- Your company's reputation suffers when dealing with buggy software, and customers become irritated. You can satisfy your application's end users by routinely releasing new features, responding to user input, and resolving errors as soon as they arise.
- When the monitored metrics indicate that there's an issue with the new update, you can automatically roll it back and protect your company's reputation from any damage it may suffer if faulty software were released to the public.