

# UdaPeople + CI/CD



The benefits of using CI/CD  
for building and delivering

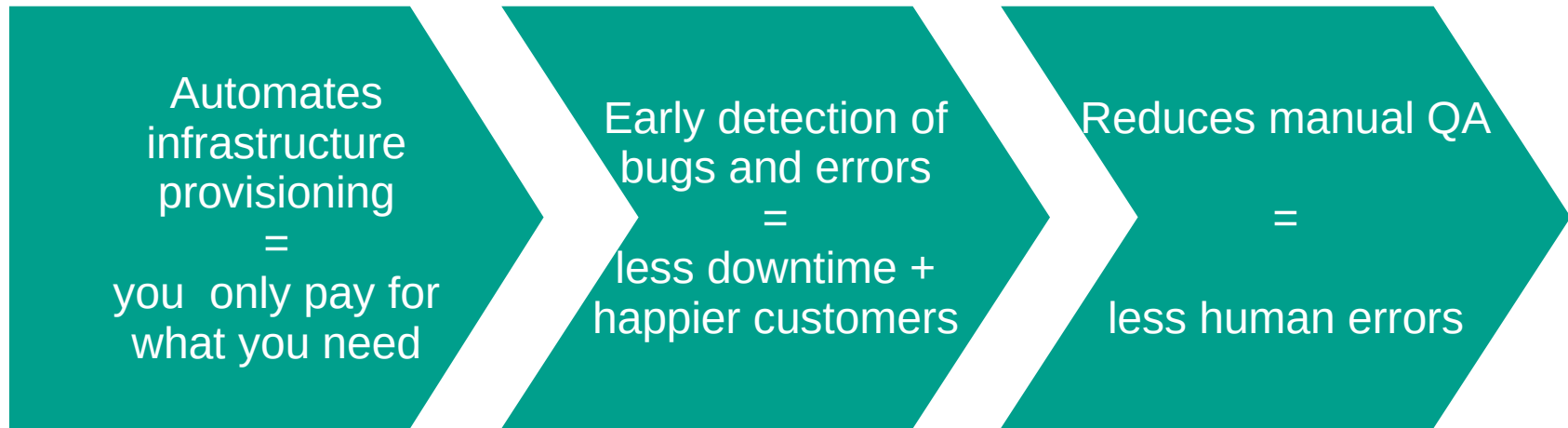
# What is CI/CD?

**Continuous Integration** is the practice of integrating changes from a team into a common code branch several times a day, in a harmonic and ordered way.

+ **Continuous Delivery** extends Continuous Integration by automating the software delivery process to customers at any time, but with human approval.

= **Continuous Deployment** is a process that boosts delivering new software versions frequently by using completely automated deployments.

# Benefits of CI/CD: cost control



# Benefits of CI/CD: revenue



# Expected challenges

- Initial cost and required learning and recycling.
- Sustained support and maintenance is required.
- Some people or teams may be not comfortable with this approach and/or be resistant to change.

# Is CI/CD worth it? Totally!

- We will need additional training and some licensing costs.
- If we should keep on using our current methodology, we will incur in additional expenses like unnecessary provisioned infrastructure, low software quality and credibility loss.
- However, investing in the CI/CD implementation surpass the above costs.