

# CI/CD model for big website, online service

---

*Le Van Giap – Solution Architect - NTQ Solution, Tech Advisor - GDG Hanoi*

# About me ?

Solution Architect

**NTQ Solution**

Tech Advisor

**GDG Hanoi**



**Le Van Giap**

Full-stack developer

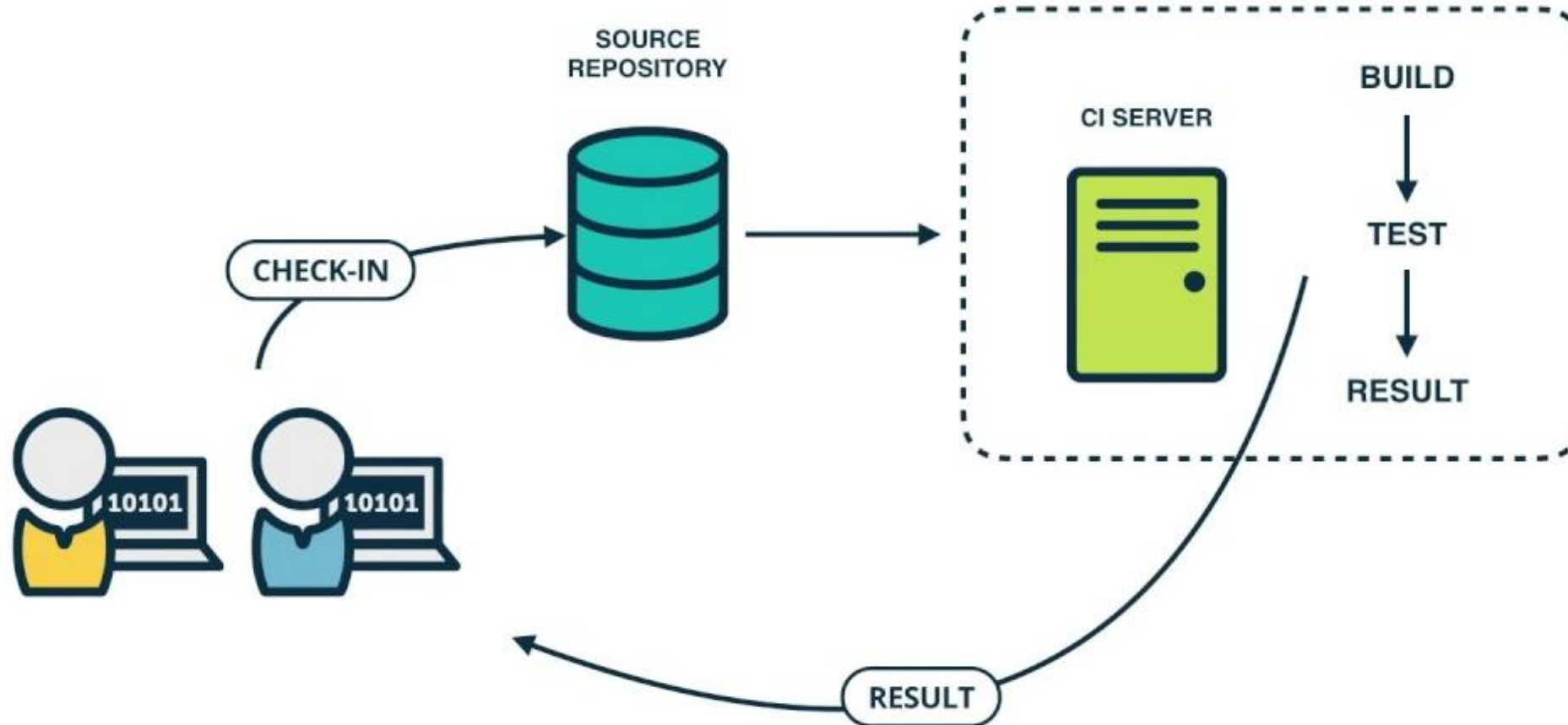
Internet of Things

Hardware & Embedded System

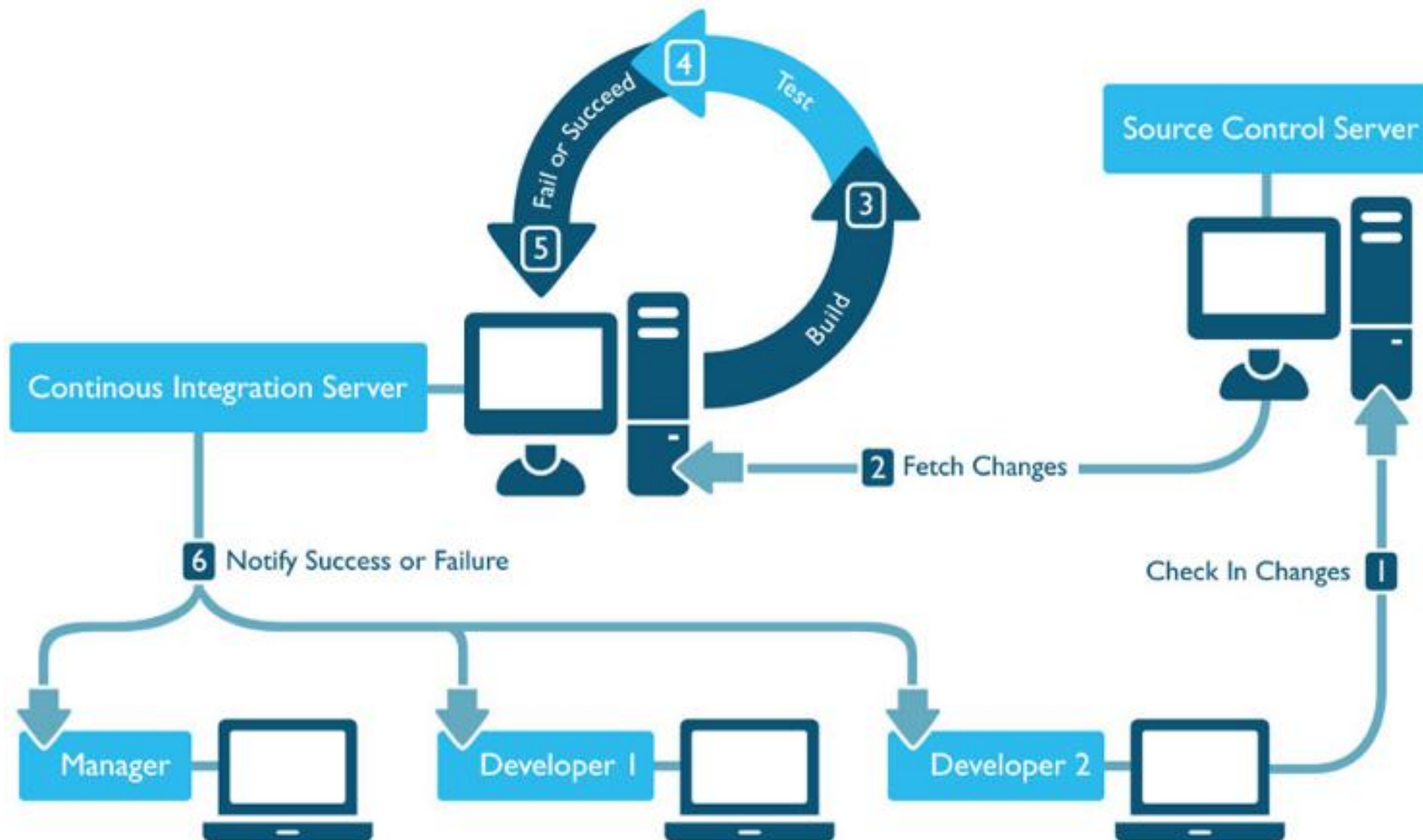
# What is CI ?

**CI = Continuous Integration**

# Continuous Integration (CI)



# Continuous Integration (CI)



# Continuous Integration (CI)

Giảm thiểu rủi ro nhờ việc **phát hiện lỗi và fix sớm**

Tăng chất lượng phần mềm nhờ việc **tự động test và inspect**

Giảm thiểu những quy trình thủ công lặp đi lặp lại (**build css, js, migrate, test, ...**)

Sinh ra phần mềm có thể deploy ở bất kì thời gian, địa điểm nào

# Continuous Integration (CI)

"Build Software at Every Change"

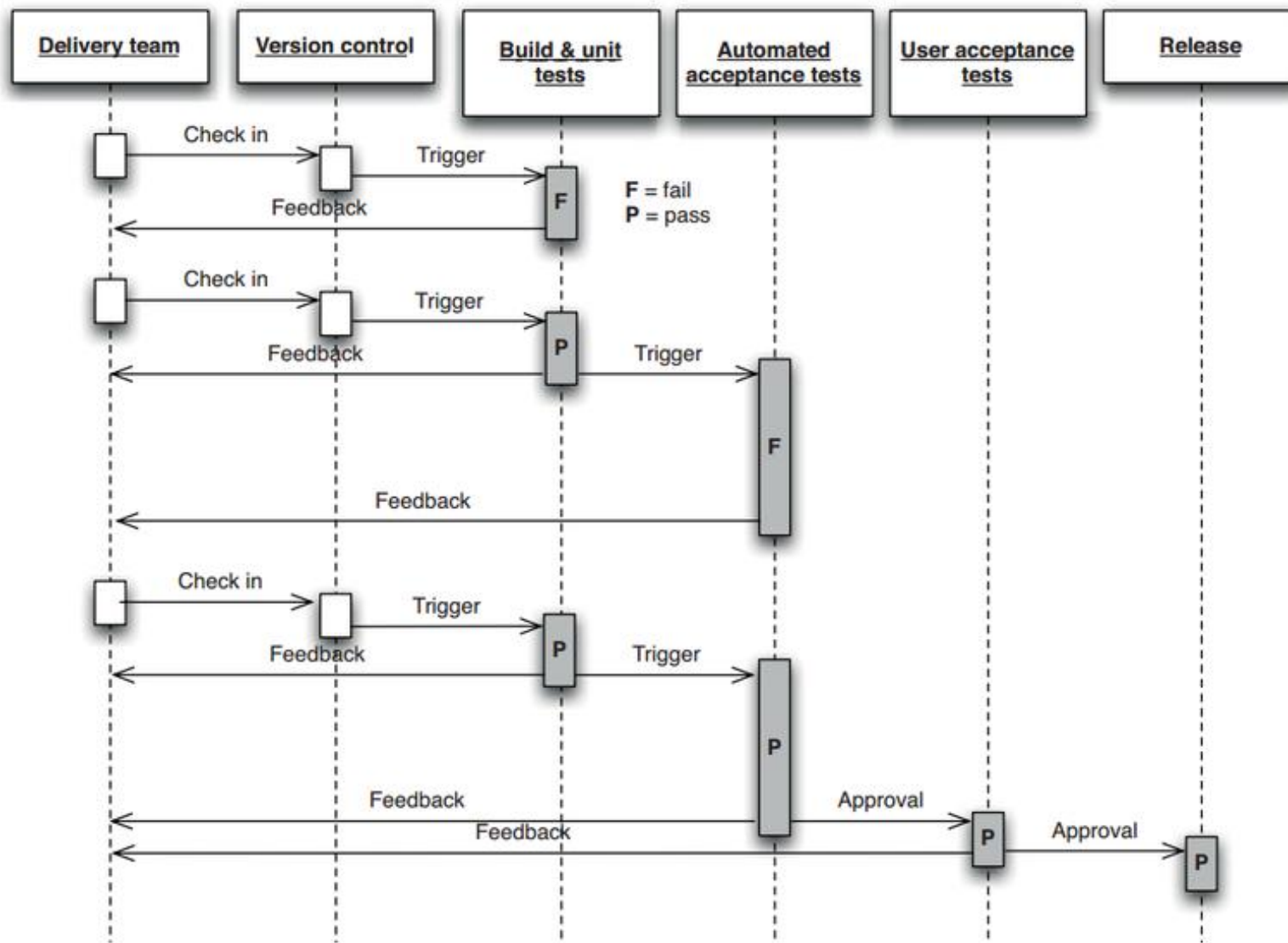
# What is CD ?

**CD = Continuous Delivery**



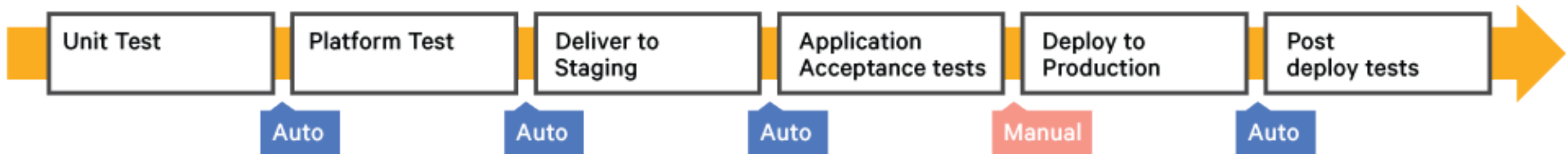
# Continuous Delivery (CD)



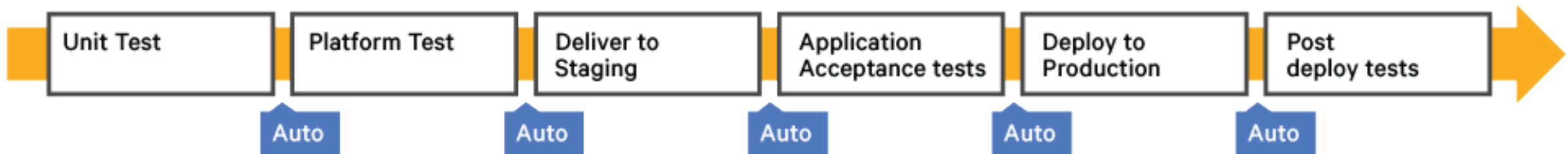


# CD vs Continuous Development ?

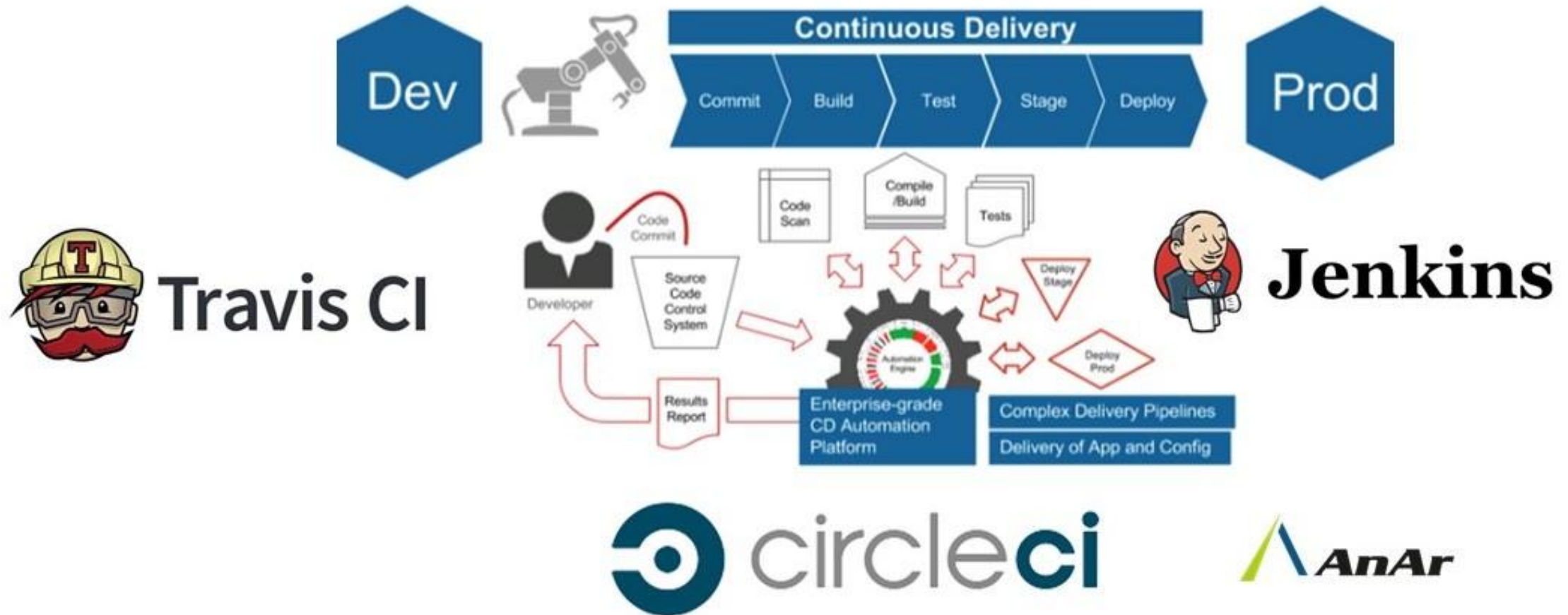
## Continuous Delivery



## Continuous Deployment



# Tools for CI/CD



Q&A

Thank you !