CI/CD vs Traditional Process

Delivery in Production

- CI/CD
  - Lower time to deliver new features
  - Delivery using automated process
  - Delivery less complex : the feature delivered as soon as it is available and passes the automated testing
  - Less human errors
  - Less bugs in production

- Traditional process
  - Delivery less frequent and concentrated within the scheduled windows
  - Delivery more complex
  - More human errors
  - More bugs in production

Security

- CI/CD
  - Automated testing detects the security vulnerabilities
  - Automated deployment brings more confidence in the control of the environments
  - Less vulnerable to the moving of the persons within the IT team

- Traditional process
  - Less secure systems due to many manual actions
  - More vulnerable to the moving of the persons within the IT team

Productivity of IT team

- CI/CD
  - No repetitive manually tasks
  - Less time spent on resolving the recurring bugs
  - More time available for development of the new features
  - More motivated to concentrate its effort to the new challenges

- Traditional process
  - Many manually tasks
  - More human errors
  - More time spent on resolving the bugs
  - Less time available for development of the new features

Benefits in costs

- CI/CD
  - Reduces the costs on resolving the bugs
  - Increases the revenues thanks the release of the new features faster
  - Protects the revenues by reducing downtime

- Traditional process
  - More costs on resolving the bugs
  - Less revenues generated by the new features because of the release slower
  - More costs due to downtime