

BENEFITS OF CI/CD

HOW TO BENEFIT FROM CI/CD

CONTINUOUS INTEGRATION AND CONTINUOUS DEVELOPMENT

SOFTWARE DEVELOPMENT COMPANIES IMPLEMENT CI/CD PRACTICES TO MAKE SOFTWARE PUBLISHING MUCH MORE EFFICIENT AND BENEFICIAL TO THEIR CUSTOMERS. WITH CI/CD, THE SOFTWARE IS ALWAYS IN A STATE OF DEVELOPMENT, WHICH MEANS IT'S ALWAYS BEING TESTED AND IMPROVED TO CREATE MORE VALUE FOR CUSTOMERS FASTER AND DELIVER RESULTS EVERY TIME.

IT CAN BE A GREAT ALLY IN TERMS OF REDUCING THE COST AND RISKS ASSOCIATED WITH RELEASING SOFTWARE OR ADDITIONAL FEATURES.

THE METHOD IS IMPORTANT AS IT HELPS SPEED UP THE DEVELOPMENT PROCESS, REDUCES MANUAL LABOR AND IMPROVES PRODUCT QUALITY.

SOME OF THE BENEFITS

1. TIME REDUCTION FOR APPLICATION DEVELOPMENT, BRINGING COMPETITIVE ADVANTAGE OVER COMPANIES THAT STILL HAVE A MANUAL APPROACH TO SOFTWARE DEVELOPMENT.
2. FEWER BUGS SENT TO THE FINAL VERSION OF THE SYSTEM, AS THESE ARE ALREADY CAPTURED IN AUTOMATED TESTS AND TESTING COSTS ARE ALSO CONSIDERABLY REDUCED.
3. ACCELERATE THE CUSTOMER FEEDBACK CYCLE WITHOUT COMPLEXITY.
4. EASY TO CORRECT ERRORS, IN CASE THERE ARE PROBLEMS, AS CHANGES ARE SMALLER AND, AS A RESULT, THE CUSTOMER IS MORE SATISFIED, AS THE FLOW OF IMPROVEMENTS IS CONTINUOUS AND THE QUALITY OF THE SOFTWARE INCREASES CONSIDERABLY.
5. LESS TIME SPENT ON SOFTWARE DEVELOPMENT DUE TO AUTOMATION CAN REDUCE COSTS DRAMATICALLY WHILST INCREASING PRODUCTIVITY.
6. CI/CD CAN HELP TO IDENTIFY SECURITY VULNERABILITIES INSTANTLY AVOIDING COSTS LATER ON DUE TO SECURITY BREACHES.
7. WITH AUTOMATION THE TIME TO MARKET THE PRODUCT IS REDUCED CONSIDERABLY INCREASING REVENUE.