CONTINUOUS INTEGRATION CONTINUOUS DEPLOYMENT

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CICD Business case 2

WHAT'S NOT WORKING WELL?

Manual steps in development value stream result in productivity leakage

DELIVERY VALUE STREAM



FRONT DOOR

Customer Liaisoning
1-2 weeks



DESIGN & BUILD

Solution design & Coding
1-2 week



INTEGRATE

Integration of various components
4 days



TEST

Quality Checks 1 week



DEPLOY

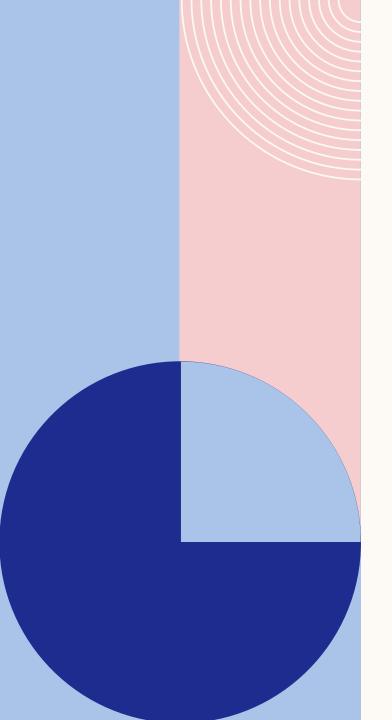
Manual Deployments

1 week

Manual integrations result in productivity loss

Manual deployments result in productivity loss

66 7-10 DAYS OF MANUAL INTEGRATION AND DEPLOYMENT **EFFORT FOR A 800 PEOPLE VALUE** STREAM IS RESULTING ANNUAL PRODUCTIVITY LOSS OF SEVERAL **MILLION GBP AND ADVERSELY** IMPACTING TIME TO MARKET?



HOW TO TACKLE THIS?

ADOPTION OF CI/CD

- Developer workflow automation
- Continuous Integration eliminating manual retrofitting effort
- Automated deployments
- Harnessing pipeline as a code and infra as a code capabilities for creating reusable templates

COST BENEFIT ANALYSIS

- Adopting CI/CD will no doubt need injection of funds circa 1-2 milling GBP to cover license costs, training and creation of solution patterns
- However given that we are losing millions annually due to manual processes the return on investment will be fairly quick and total justify investing money in CI/CD adoption

THANK YOU

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