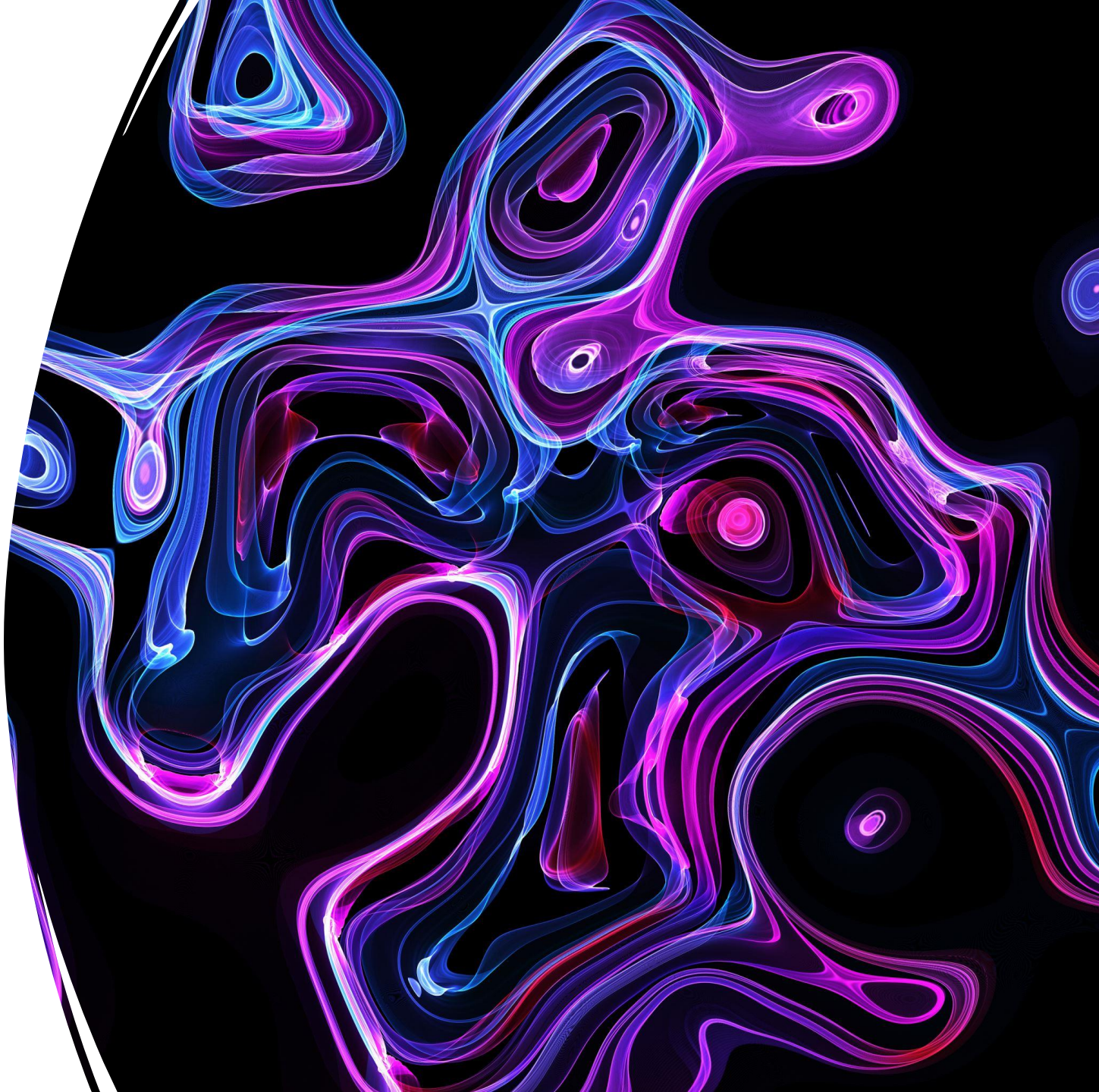
5 REASONS WHY

Your business needs CI/CD



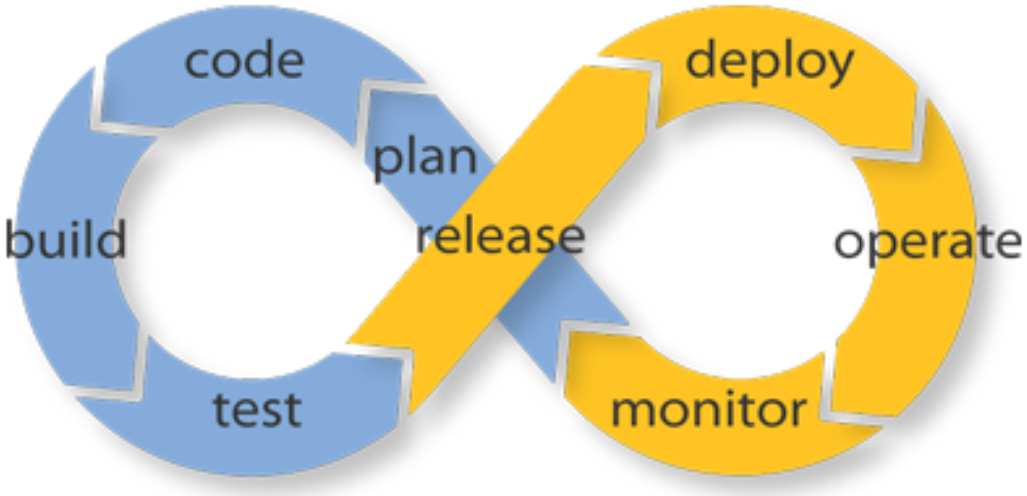
WHAT IS CI/CD?

- CI/CD is a two-step process that dramatically streamlines code development and delivery using the power of automation.
- CI makes developer tasks like source code integration and version control more efficient so software can get into production faster.
- CD automates software testing and deployment.
- Together, CI/CD is a powerful and unmatched engine of modern software development and it has untold benefits for businesses

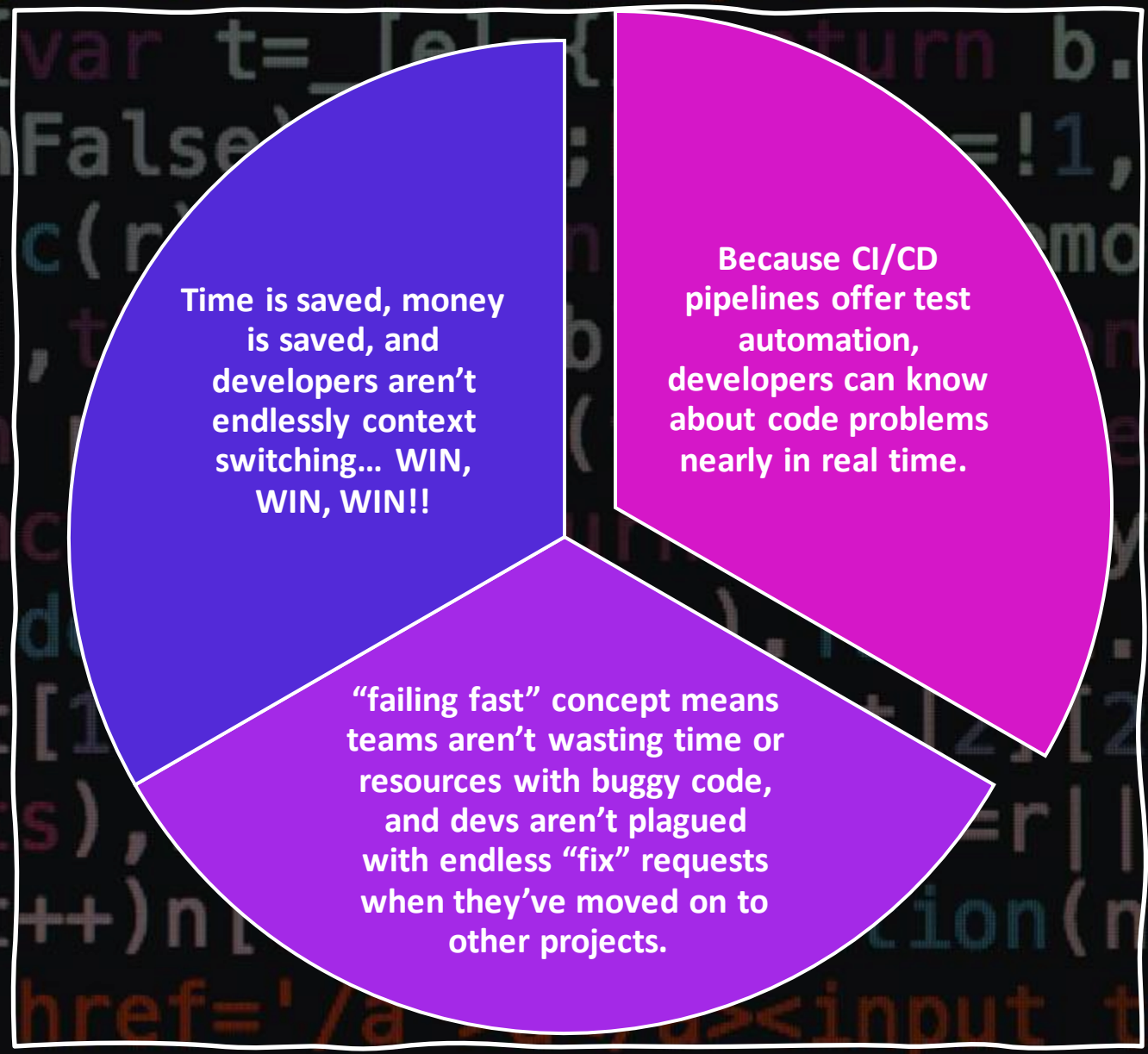
WHAT ARE THE CI/CD BENEFITS FOR BUSINESS?

CI/CD has numerous benefits for business. Here are five reasons to adopt CI/CD:

1. Ensure superior code quality
2. Deliver faster with an accelerated release rate
3. CI/CD pipelines: Automation reduces the cost
4. Fault isolation
5. Simplified rollback



ENSURE SUPERIOR CODE QUALITY



DELIVER FASTER WITH AN ACCELERATED RELEASE RATE

Skeptics about the benefits of CI/CD need only hear about global financial firm Goldman Sach's success story:

- It's Technology Division went from one code build every two weeks to over 1,000 builds per day.
- A unified CI/CD pipeline is like a turbo engine when it comes to boosting the rate of software releases. The faster code is released, the more new code can be developed, and then released, ad infinitum.
- The business bottom line: Expensive developer resources aren't sitting idle when a successful CI/CD pipeline is in play.

CI/CD PIPELINES: AUTOMATION REDUCES THE COST

Anytime a human does not have to intervene in the software development process, time, and thus money, are saved.

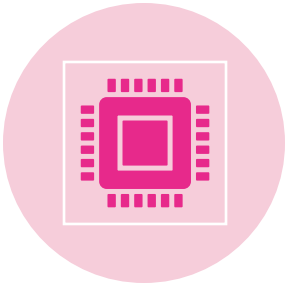
That's why automation is the underpinning to successful DevOps practices. CI/CD automates the handoffs, the source code management, the version control system, the deployment mechanisms, and, of course, so much of the testing.

FAULT ISOLATION

Before DevOps and CI/CD gained traction in software development, development teams would know there was an issue with code, but would struggle to know exactly *where* the problem was happening.

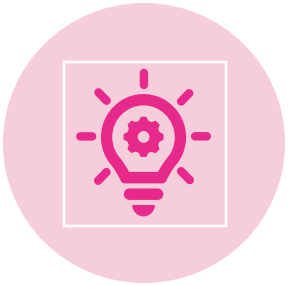
CI/CD and its automated testing has changed that. Developers can easily identify and then isolate code faults, dramatically improving productivity.

CONTINUOUS FEEDBACK



A unified CI/CD process, operating as part of a DevOps platform, gives everyone on the team - including business stakeholders - a way to see what's happening, where it's happening, and what might be going wrong.

This sounds like a simple thing, but in reality, a single window into software development is almost revolutionary.



In the past, there were simply *so many tools* in play that a project manager might have to look in a number of places, and ask a number of people, to get status updates.

Developers and operations pros fared no better. Obviously that was a waste of time and resources, particularly when problems arose.

THANK YOU