



Exploring an Integrated DevOps Workflow in SAP

A Basis Technologies webinar



Today's Presenters



Jim Dugger

Technology Evangelist
Basis Technologies



Peter Yabsley

Head of Product Marketing,
Basis Technologies

Today's Agenda

- What is DevOps for SAP?
- SAP-specific considerations
- Integrated pipeline concept
- Workflow demo
- Wrap-up/Q&A

About Basis Technologies

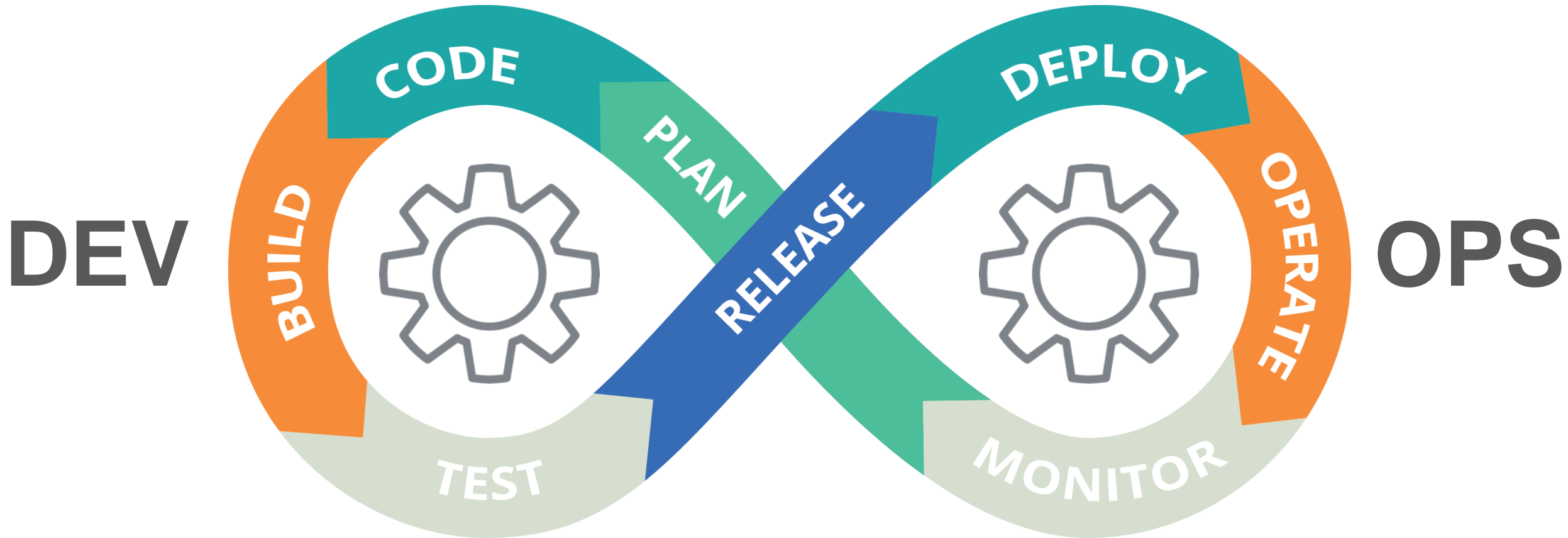
- Software automation that changes the way our customers run SAP
- Pioneers of DevOps & Continuous Delivery for SAP
- The most complete DevOps and test automation platform engineered for SAP
- Founded in 1997; SAP Experts
- Global presence: London, Dallas, Sydney, Berlin, Budapest

SAP® Certified
Integration with SAP S/4HANA®

SAP® Certified
Powered by SAP NetWeaver®

What is DevOps for SAP?



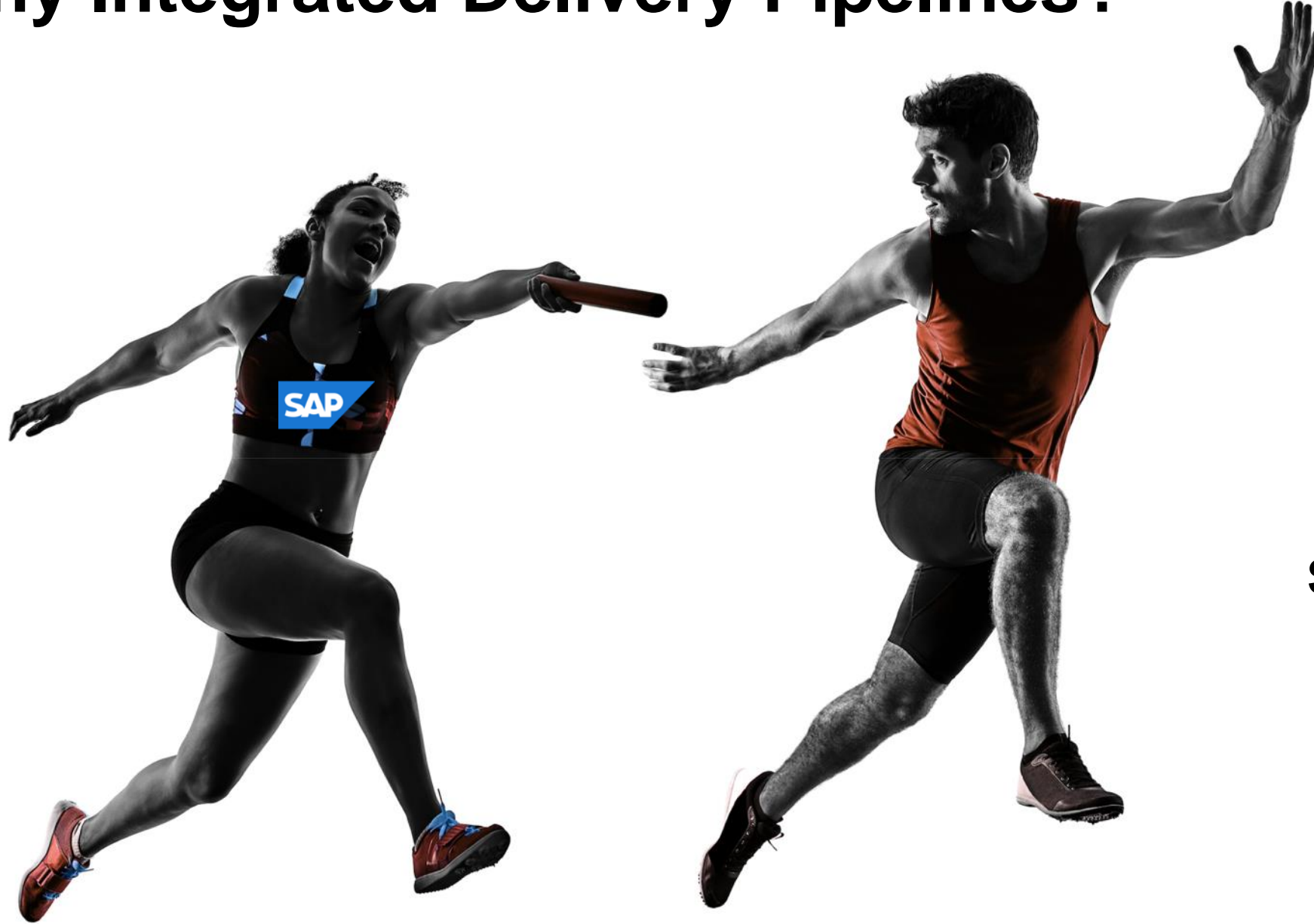
What Is DevOps?

“[DevOps] advocates a **collaborative** working relationship between Development and IT Operations, resulting in the **fast flow** of planned work, while simultaneously increasing the **reliability, stability, resilience and security** of the production environment.”

Gene Kim



Why Integrated Delivery Pipelines?



Other
systems only
move as fast
as SAP

SAP: Different tools, No integration

sumo logic

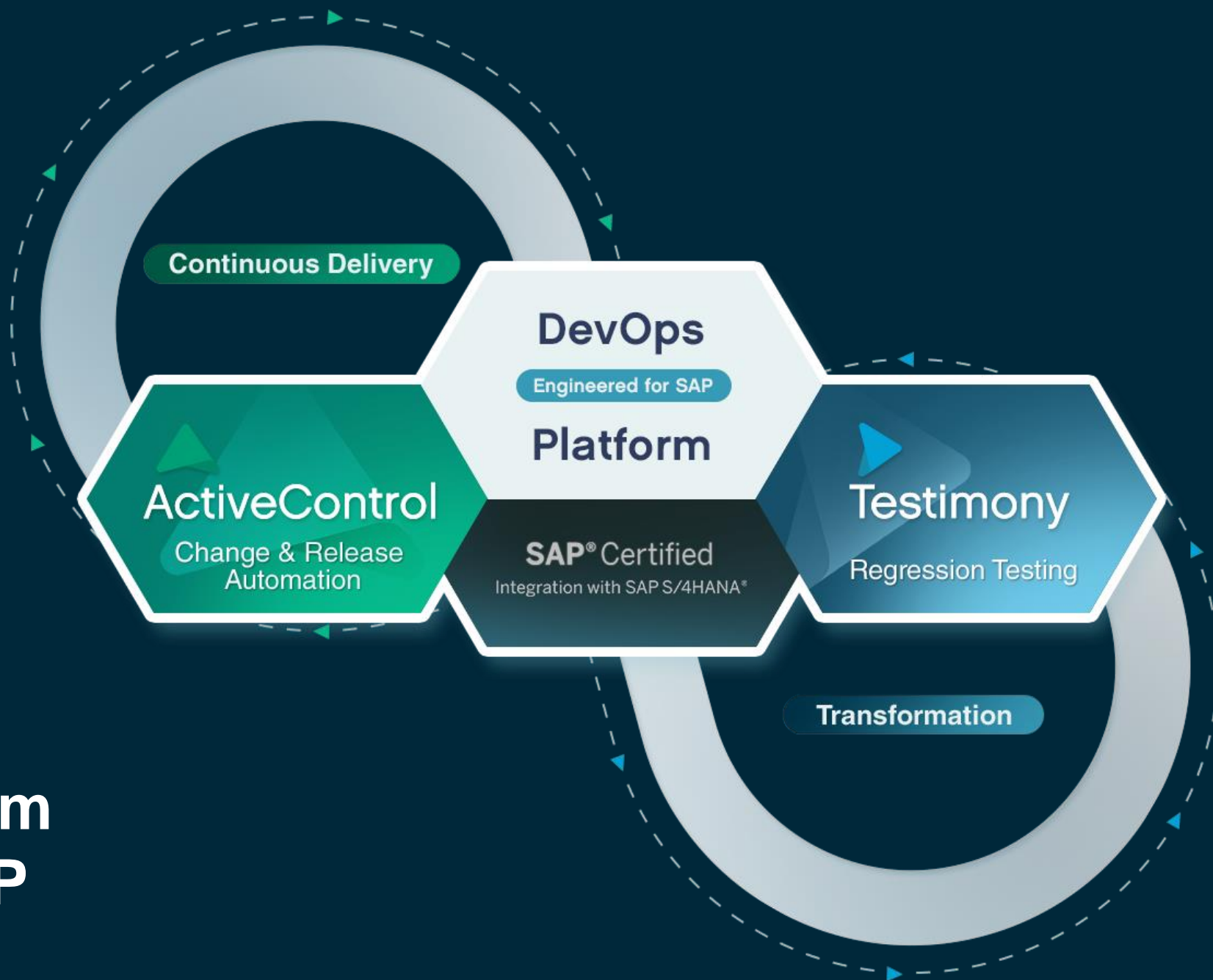


Jenkins

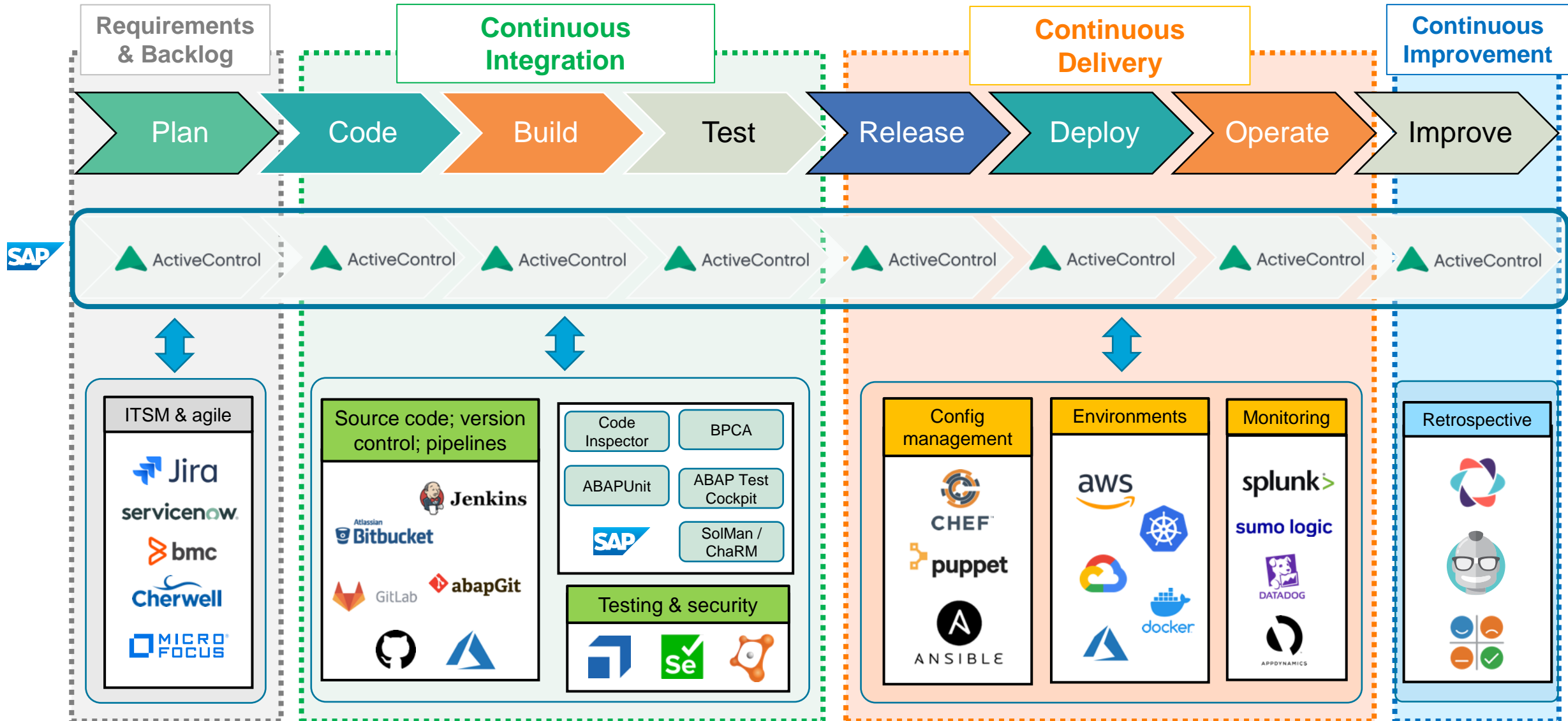




**The only complete
DevOps and test
automation platform
engineered for SAP**



Integrated Tool Chain

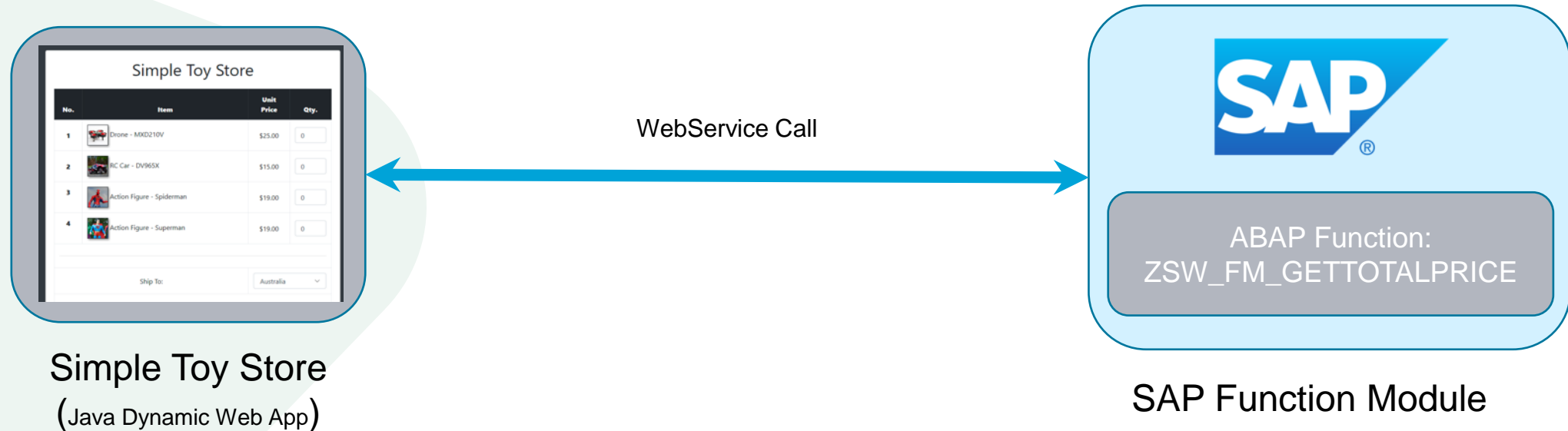




End-to-End Integrated SAP DevOps Workflow



Demo: Toy Store Application



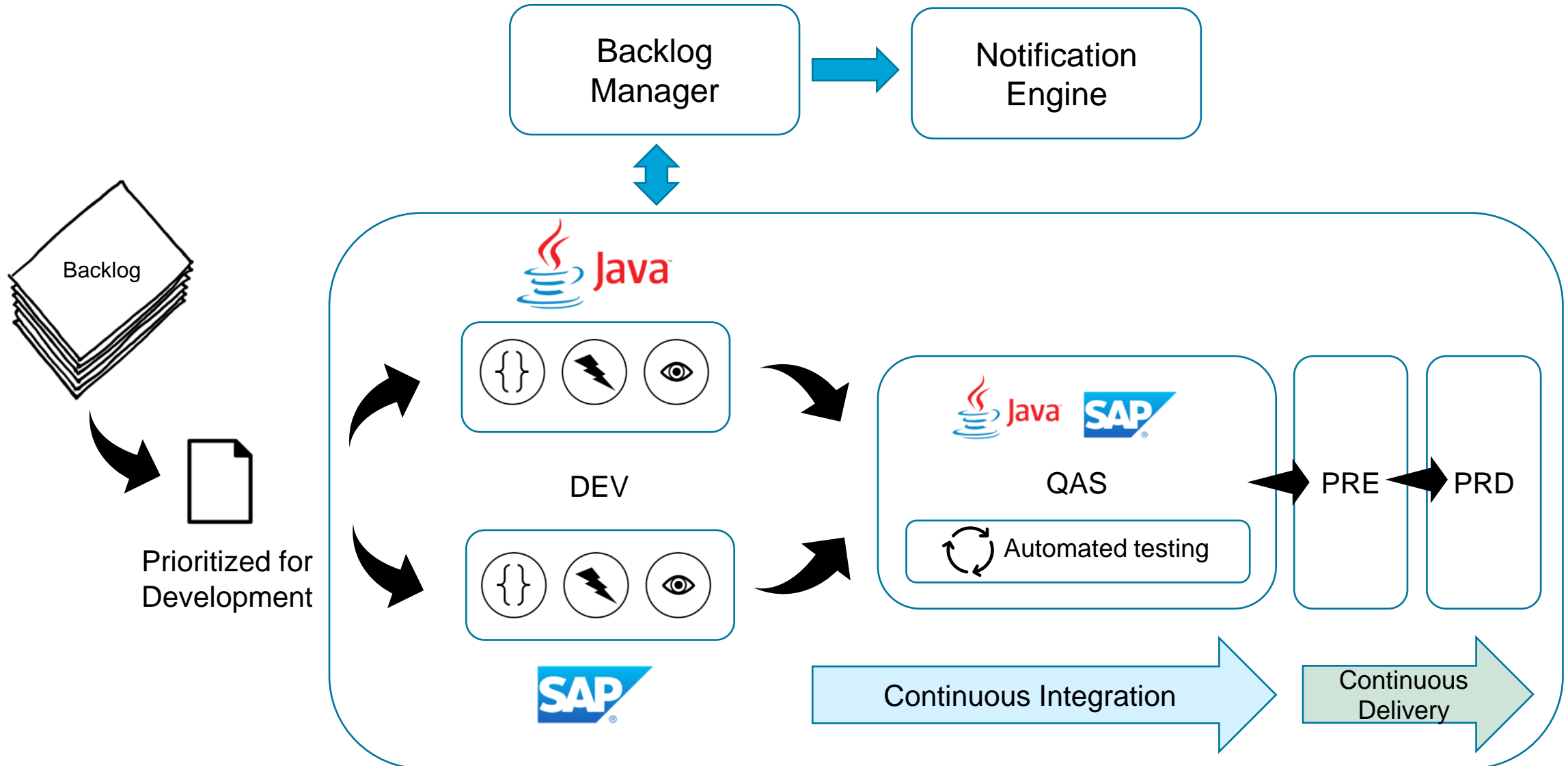
Demo Scenario: Business wants a new change for a local campaign.

The campaign involves reducing the Shipping Price for orders going to New Zealand

That will require 2 changes...

1. SAP change to the Function Module.
2. Front-End HTML change to ensure front end communicates correct info

Today's Demo: Automated End-to-end Flow



Today's Demo: Tools We're Using



Backlog manager:
Microsoft Azure DevOps



Jenkins

CI/CD engine:
Jenkins



Integration layer:
Node-RED



SAP CI/CD engine:
ActiveControl



Apache Tomcat

Java web server:
Apache Tomcat



Automated testing:
Selenium



SAP back end:
ECC 6

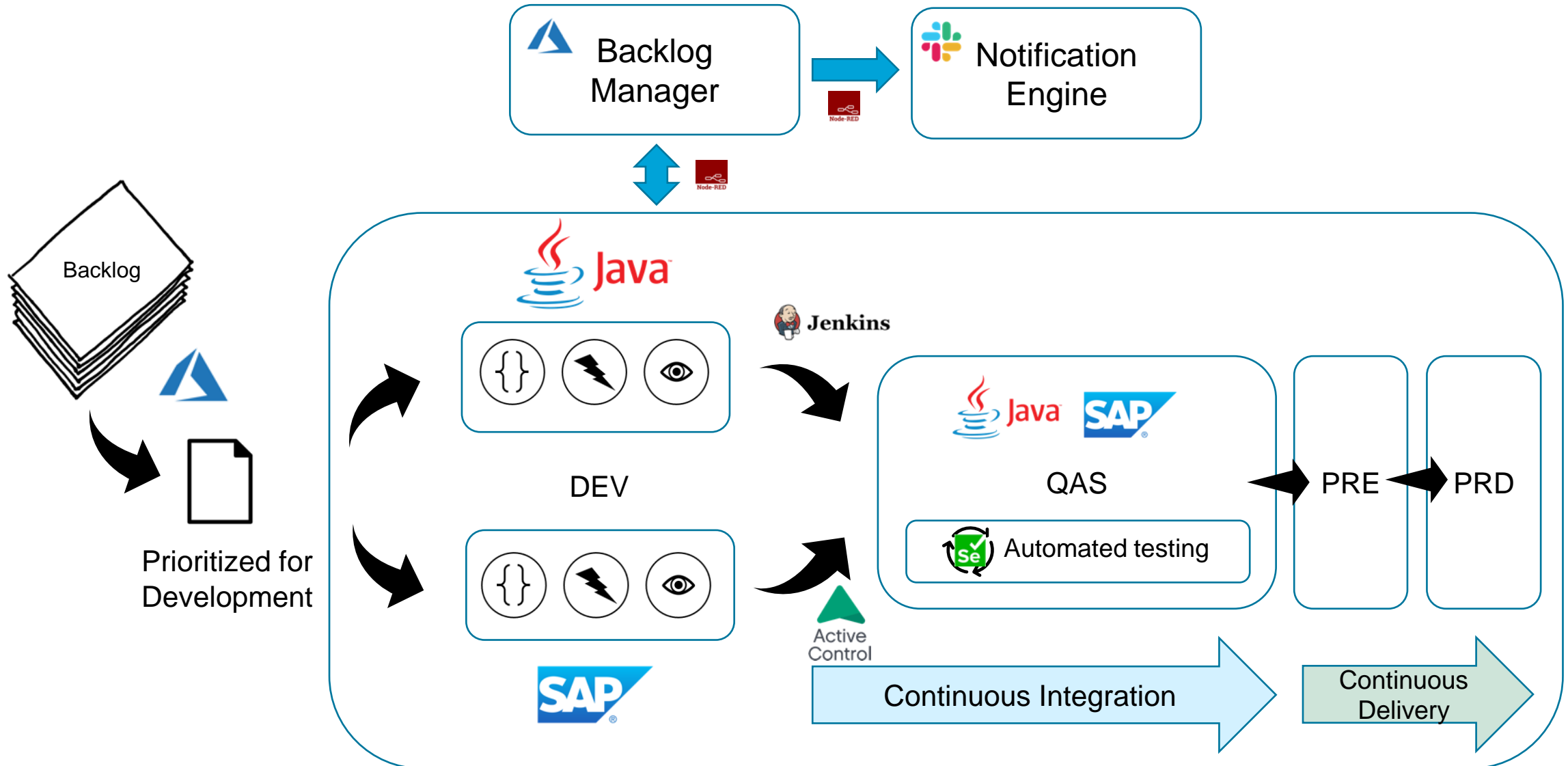


Notification engine:
Slack

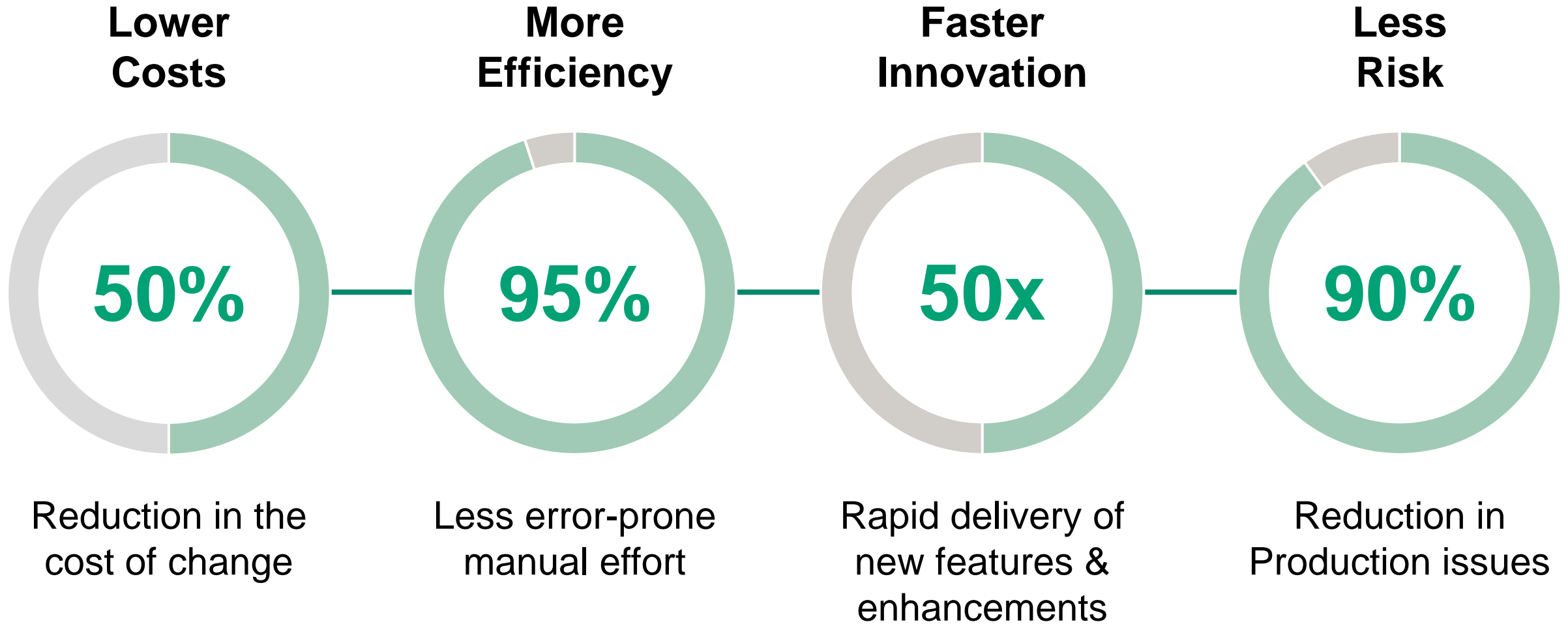


Toy Store Demo

Today's Demo: Automated End-to-end Flow



Benefits of SAP DevOps Automation



Summary

- DevOps is a powerful enabler of velocity and agility
- Integrated CI/CD workflows are key
- SAP is different
- ActiveControl acts as an integrated SAP CI/CD engine
- The benefits are real





Thank you.
Any questions?

Demo or Follow-up?

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