

# Compliance Help for the Agile Enterprise

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PCI DSS ❖ HIPAA ❖ SOC II  
credit card information      medical information      operations management

## Precise Language

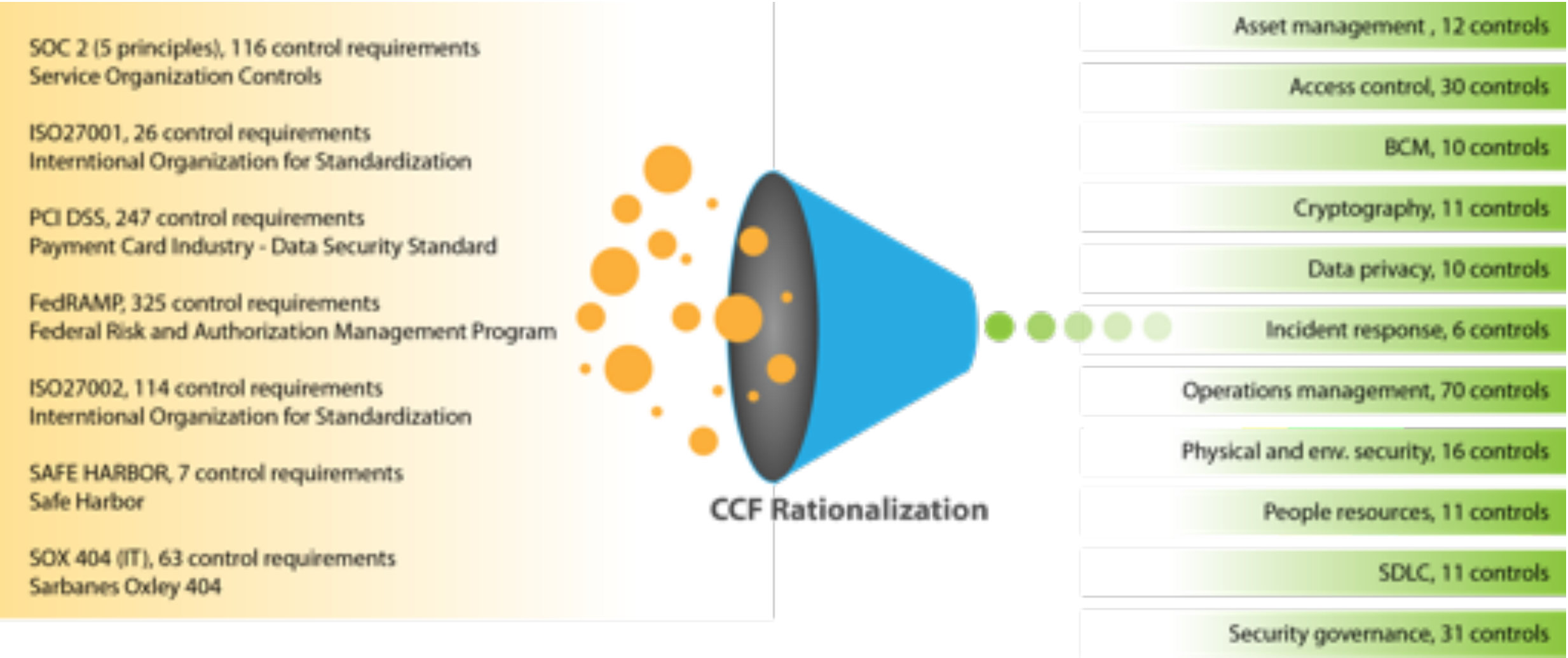
**ePHI** - protected health information

**CHD** - cardholder data

controls, processes, policies, standards



# Unified compliance mapping – The Adobe Common Controls Framework (CCF)

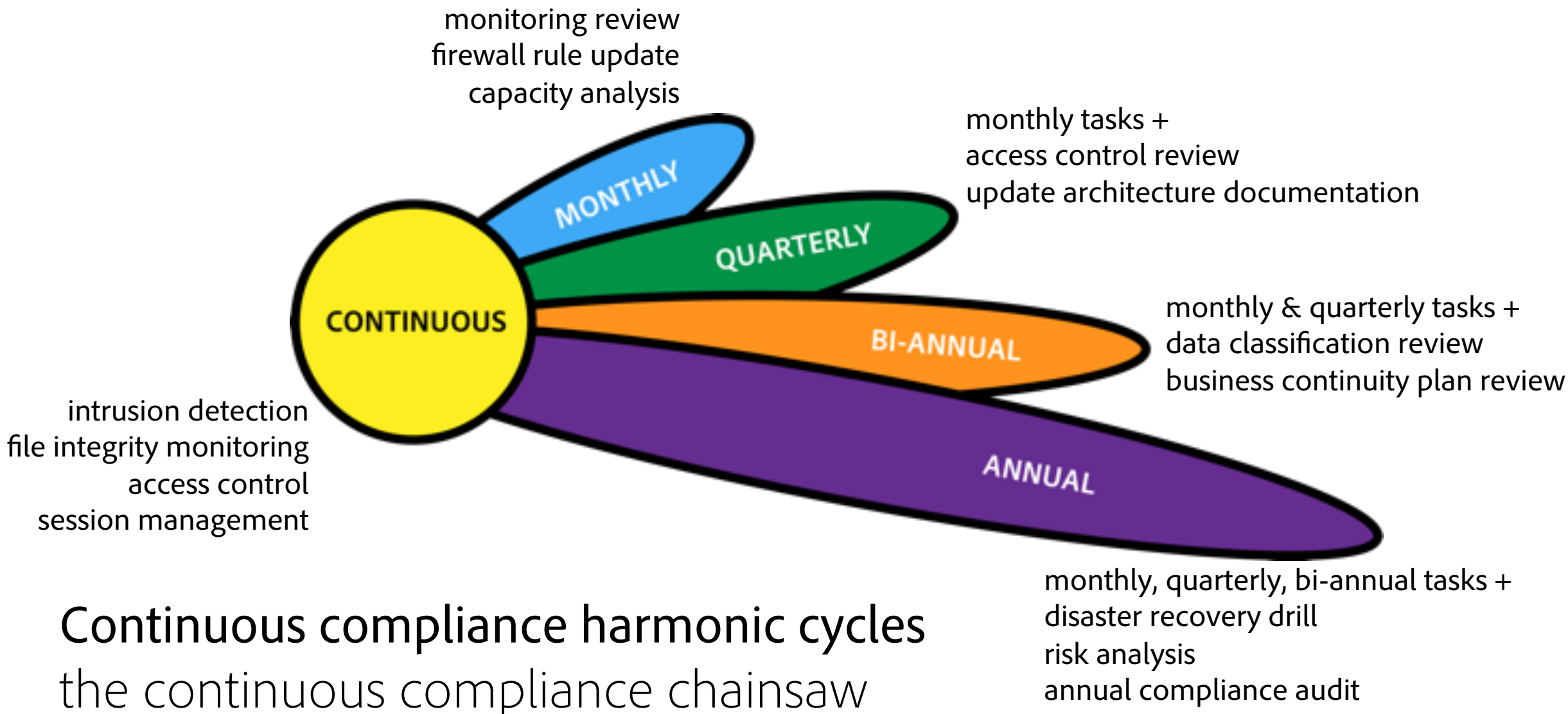


~1,000 controls in 10+ standards

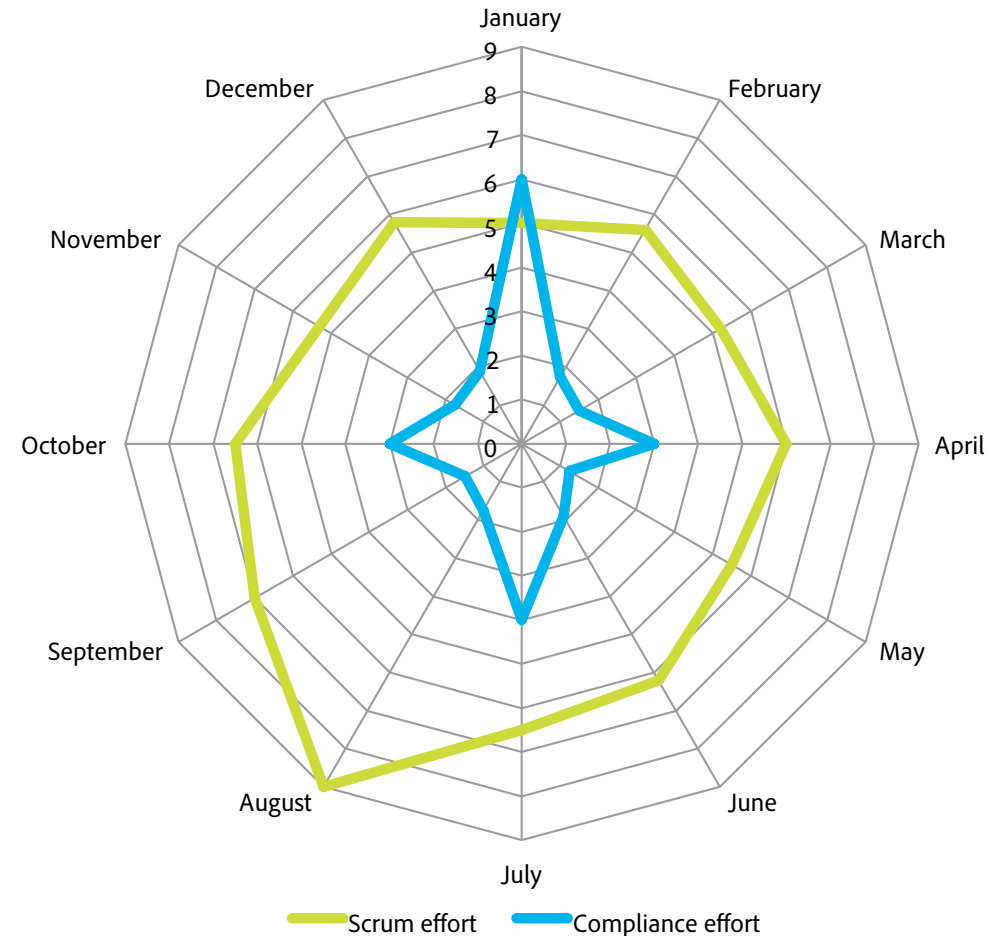
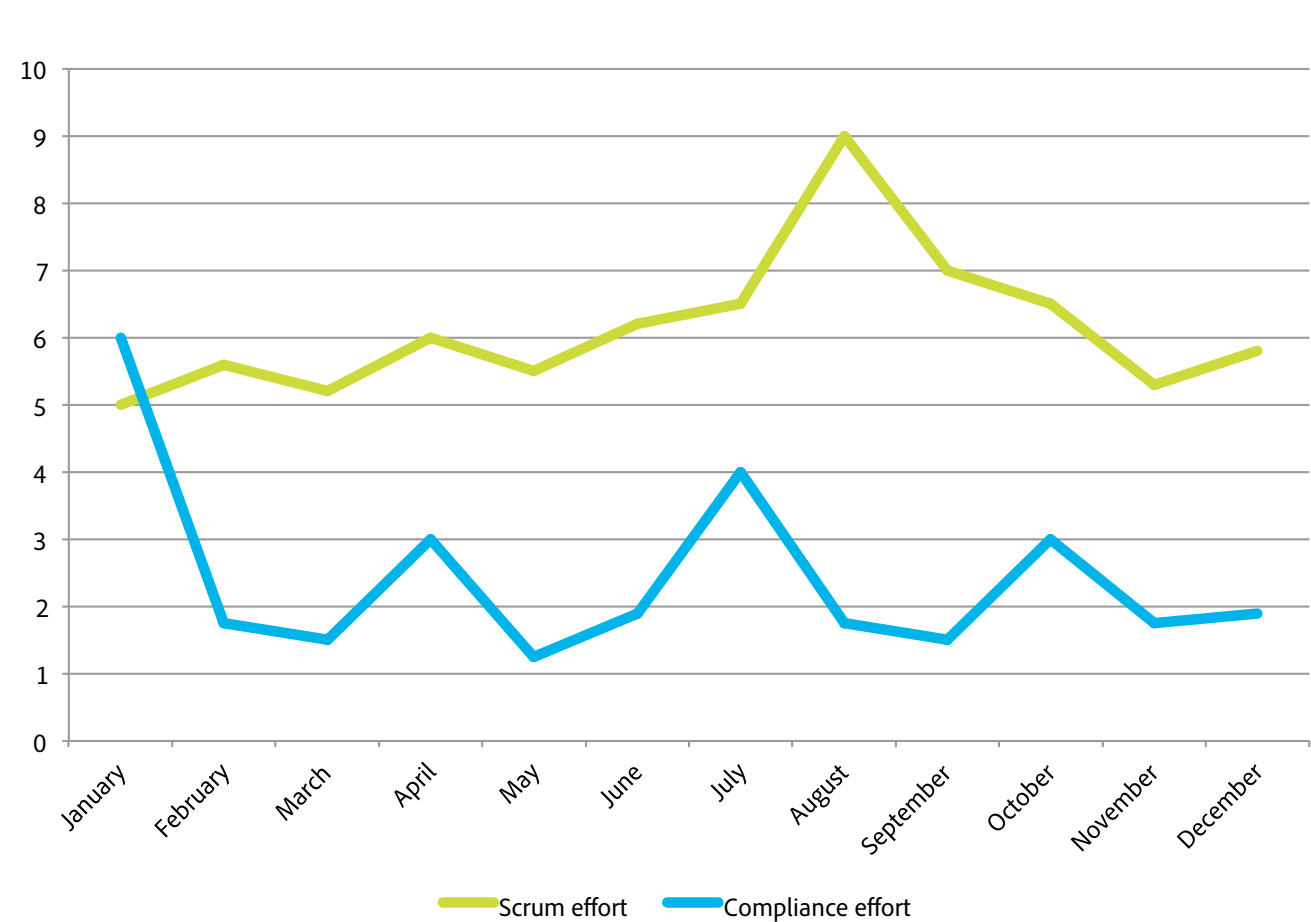
versus

~200 controls in 11 domains

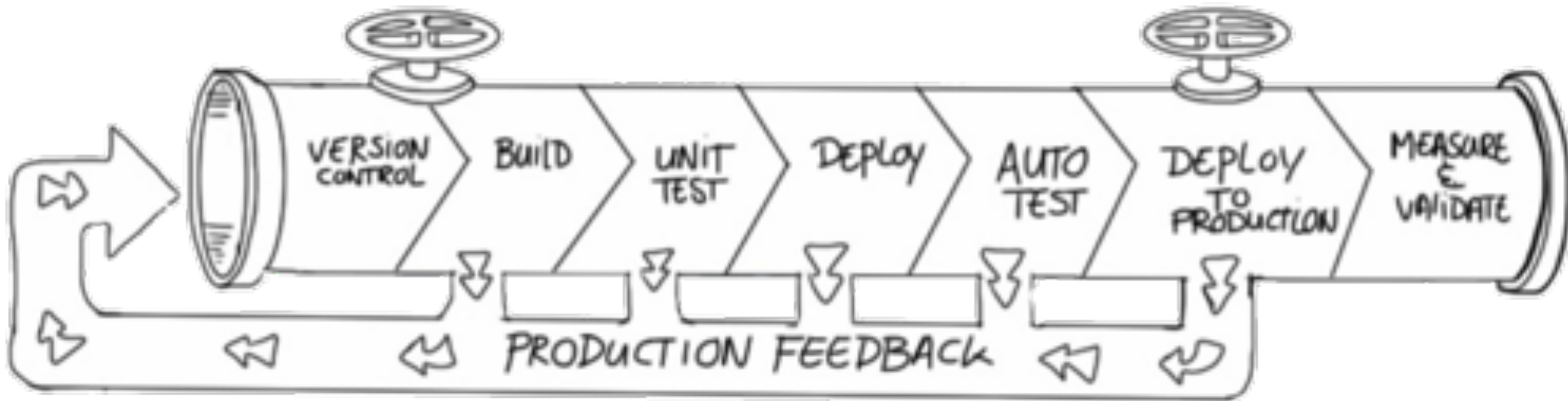
# What is continuous compliance?



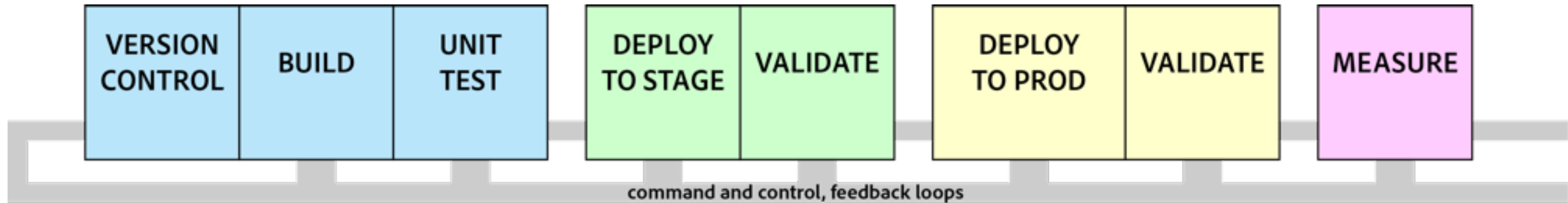
# Cyclical nature of work



# Docker continuous delivery pipeline



# Baseline continuous pipeline



# Four important compliance contexts





# Change control – evidence-based design

## CR 23634

**Need:** new features for customers

**Code changes:** see [git repo](#)

**Risk:** Low

**Impact:** Low

**Date:** 4/28/2016

**Time:** 13:58:54

test results



deployment plan



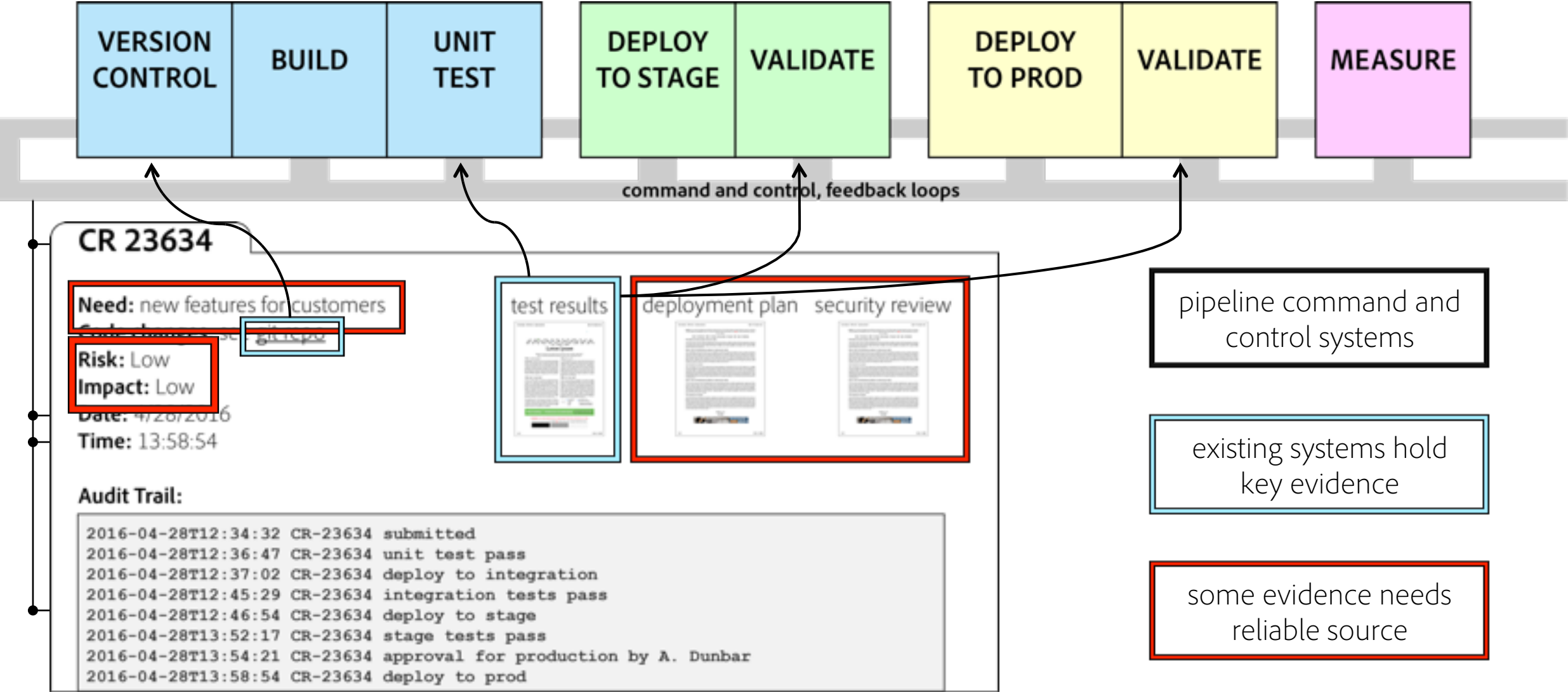
security review



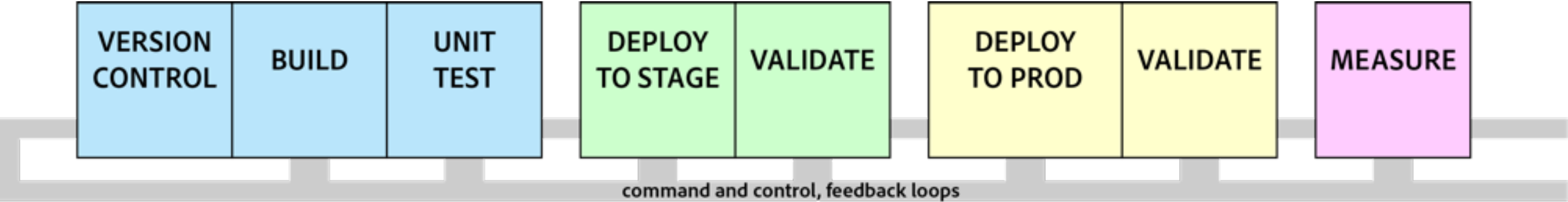
### Audit Trail:

```
2016-04-28T12:34:32 CR-23634 submitted
2016-04-28T12:36:47 CR-23634 unit test pass
2016-04-28T12:37:02 CR-23634 deploy to integration
2016-04-28T12:45:29 CR-23634 integration tests pass
2016-04-28T12:46:54 CR-23634 deploy to stage
2016-04-28T13:52:17 CR-23634 stage tests pass
2016-04-28T13:54:21 CR-23634 approval for production by A. Dunbar
2016-04-28T13:58:54 CR-23634 deploy to prod
```

# Mapping evidence to the pipeline



# Change control – approval automation example



## Change Classification Standard Risk

**Low** - Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor

**Medium** - incididunt ut labore et dolore magna aliqua. Ut enim ad minim

**High** - veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea

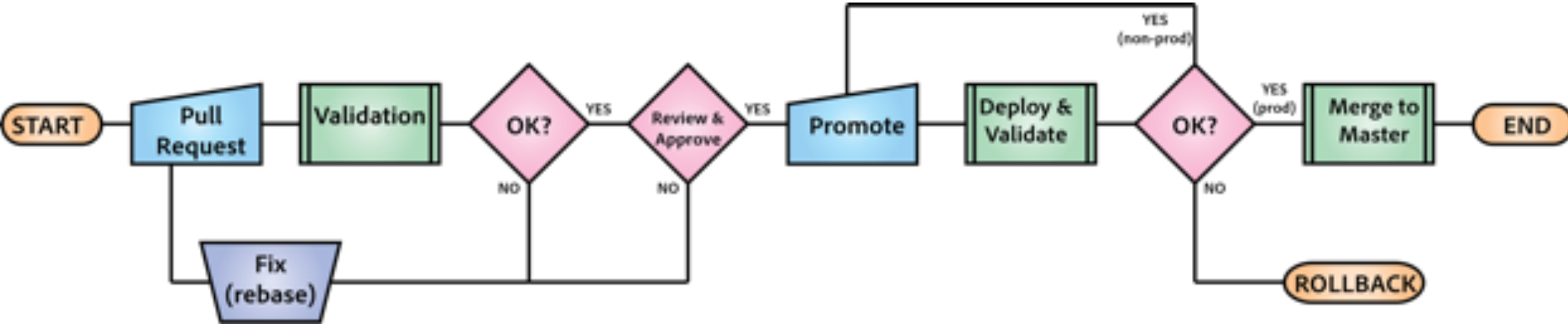
### Impact

**Low** - Lorem ipsum dolor sit

## Approval Criteria

- ☐ Passed all prior gates/tests before production approval
- ☐ Low risk change
- ☐ No or low impact
- ☐ Peer review completed
- ☐ Stage validation passes
- ☐ Security review passes
- ☐ Final approval from named individual

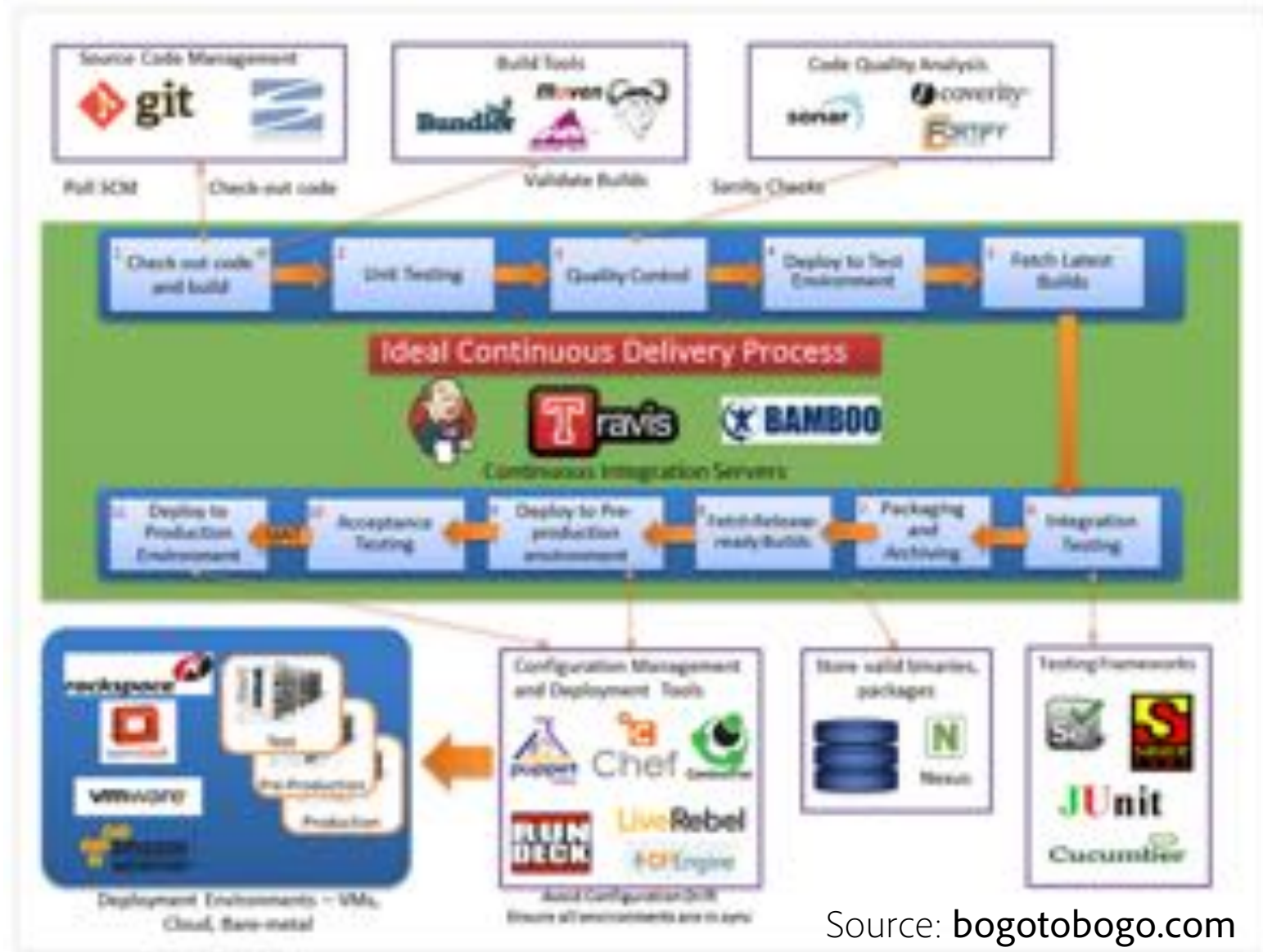
# Continuous Pipeline Change Process Diagram





# Infrastructure compliance

- ❑ Access control
- ❑ Third party code
- ❑ Data governance



Source: [bogotobogo.com](http://bogotobogo.com)

# The three hard truths of continuous compliance

Completing the implementation is just the start – you aren't done

You may not be solving the problems you want to solve

Compliance work is not optional



Thank you for attending!

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