



CURTIS BARKER

VP, Product & Solution Architecture

curtisb@rezilion.com

PRE DEVOPS

Code is being pushed manually



3.500.000

Developers Globally

2-4

Releases/year

2005

2010

2015

2020

THE AGE of DEVOPS

Code pushed automatically



30.000.000

Developers globally

4.000

Releases / year

70%

Of applications are vulnerable

6-9 hours

Time it takes to fix a vulnerability

2010

2015

2020

2025



THE LAST BOTTLENECK SECURITY OPERATIONS

EVERY VULNERABILITY IS PROCESS

Multiple Scanners X Multiple Layers X Multiple Pipelines



IDENTIFY >>>

REMI
DIATE >>>
E

MITIGATE >>>

ACCEPT RISK

EVERY VULNERABILITY IS TIME



Slow, Manual & Un-Scalable Workflow that's
Extremely Hard to Manage at Scale

● Developers' Time

Time spent on
validating and
implementing
fix

Time spent on
configuring
compensating
controls to issues
that can't be fixed

Time spent on
validating
actual risk

IDENTIFY >>>

REMIEDIATE >>> MITIGATE >>> ACCEPT RISK



EVERY VULNERABILITY IS RISK

Slow, Manual & Un-Scalable Workflow that's
Extremely Hard to Manage at Scale

● Unmitigated Risk

Risk from
vulnerabilities
unpatched
over long
time-windows

Risk from
unmitigated
vulnerabilities
in production

Risk from
uncontrolled
vulnerable code

IDENTIFY >>>

REMIAT
E >>>

MITIGATE >>>

ACCEPT RISK



STAY SAFE

Move slow

MOVE FAST

Be exposed



MOVE FAST
STAYS SAFE

REZILION PRODUCTS

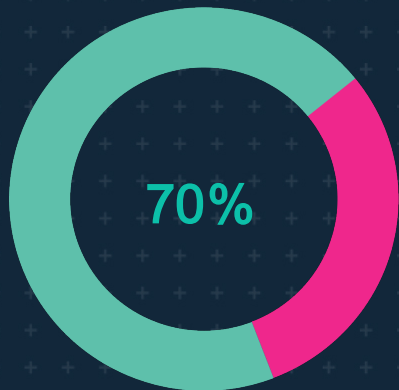


prioritize

Validate Actual Attack Surface,
Patch 70% less

15 min to deploy

60 min to value

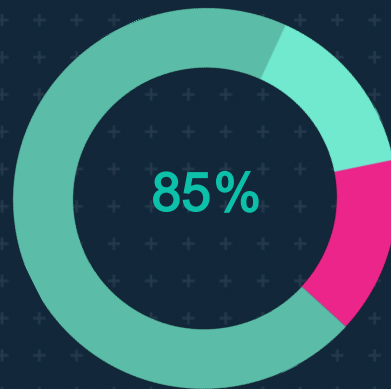


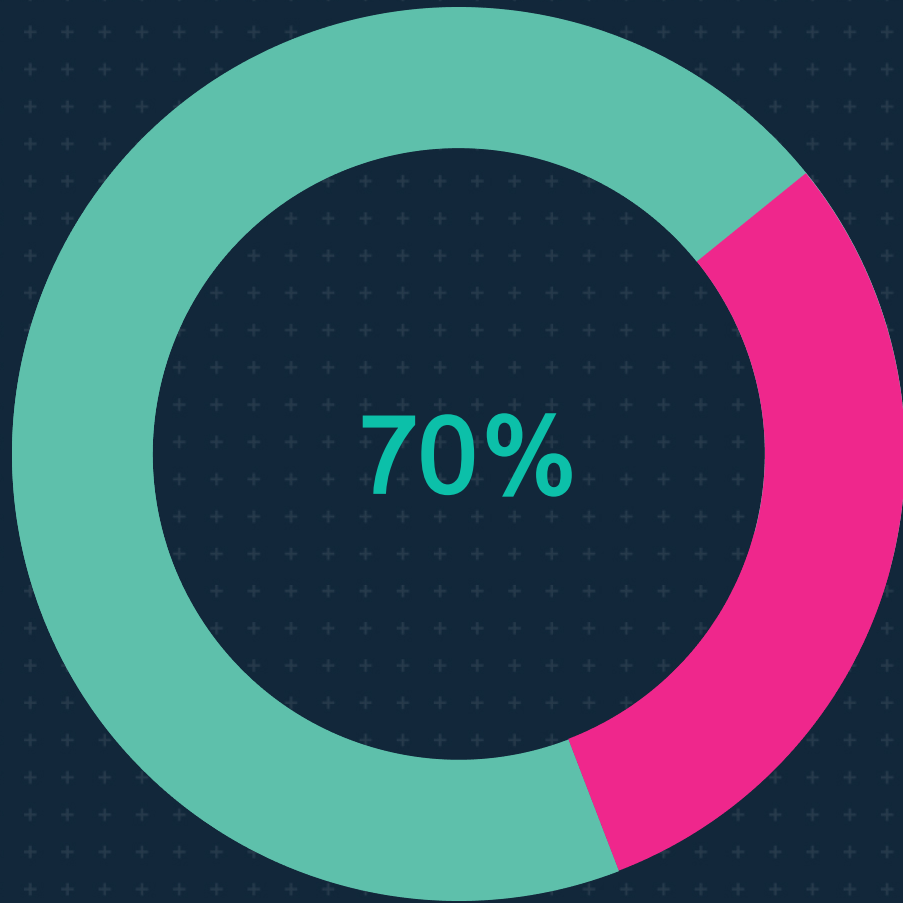
mitigate

SAFELY release code with
known vulnerabilities

Deterministic

Automated





REZILION PRIORITIZE



prioritize

Validate Actual Attack Surface,
Patch 70% less



 prioritize
CI

Missed release
deadlines

Release Faster

 prioritize
PROD

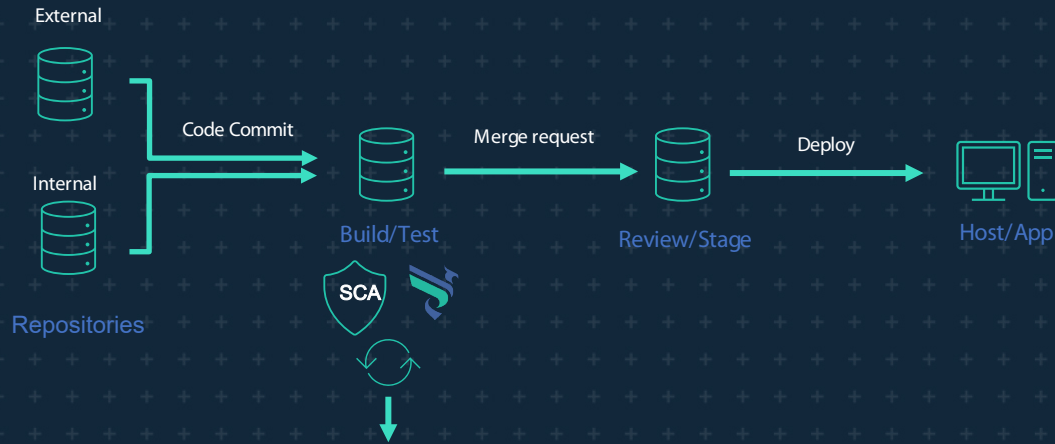
Tensions between
Security and AppDev

Eliminate Wasted Time

Failed audits - Years
long Patching backlog

Erase Tech Debt

REZILION IN CI



Single tool with coverage across CI/CD

Validates vulnerabilities risk in open source and custom code

~70% reduction in manual effort fixing unexploitable issues

1. **CI Plugin**- add Prioritize plug-in to CI build test
2. **Security test** Run Prioritize security test with SCA scan
3. **Validation**- augment scan feed to validate vulnerabilities
4. **Display**- show results in CI or managed dashboard



Vulnerabilities



Dismiss



Create issue



 prioritize
CI

 prioritize
PROD

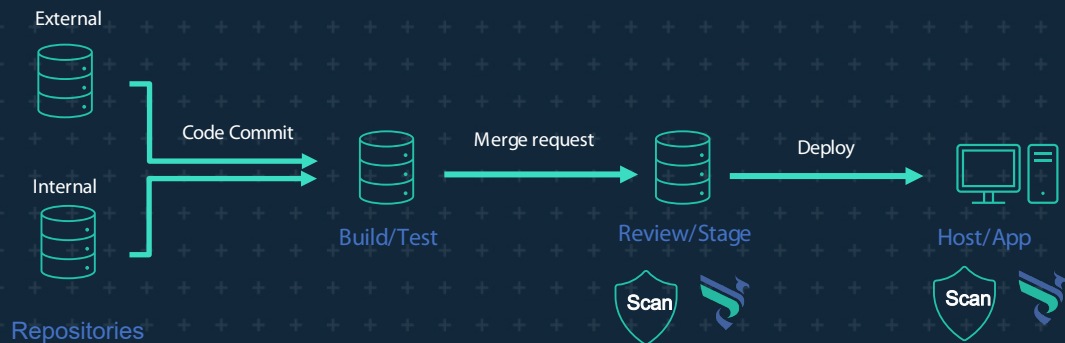
New CISO – Deliver Value in the First 90 Days ...
Board & Execs asking how Secure you are?
What Progress did we make?
What BU is lagging?

Understand true Attack Surface

Too much time spent on Unplanned
Work in Production

Reduce patching by 70%

REZILION IN PREPROD/PROD



Single tool with coverage across CI/CD

Validates vulnerabilities risk in open source, compiled apps and OS

~70% reduction in manual effort fixing unexploitable issues

- 1. Instrument** – run Prioritize script or Container on Stage hosts/images
- 2. Security feed** Prioritize consumes SCA/vulnerability scanner feed
- 3. Validation** - augment scan feed to validate vulnerabilities
- 4. Display**– show results in scanner or managed Dashboard



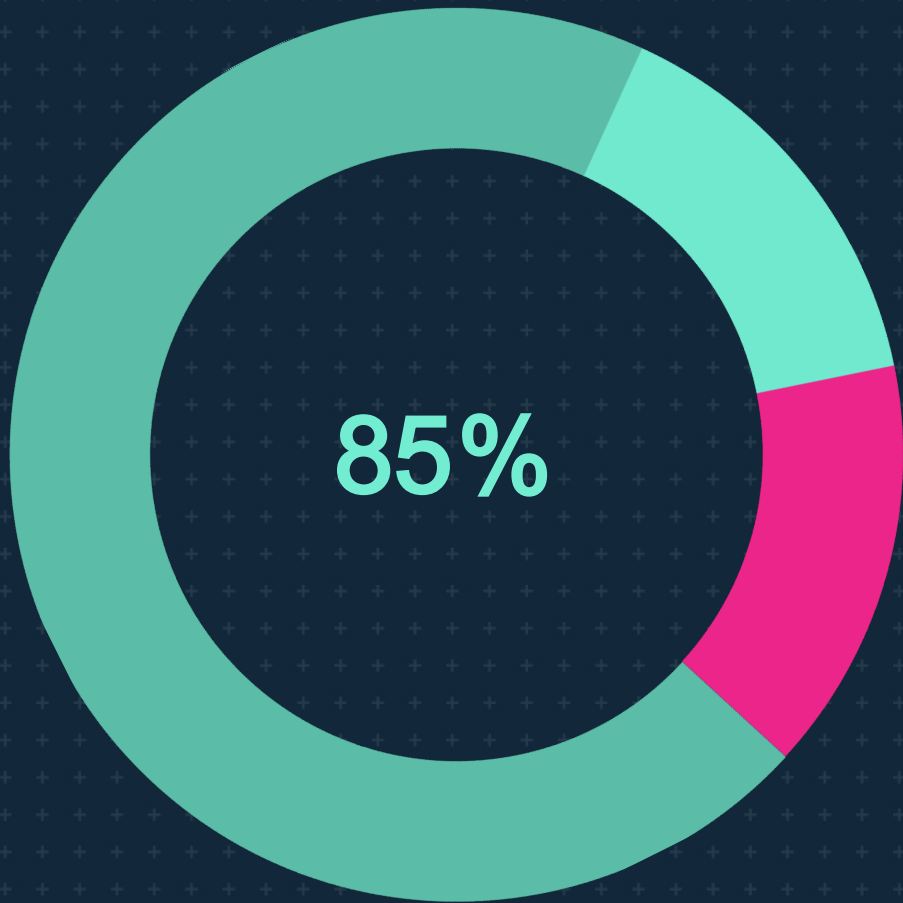
Vulnerabilities



Dismiss



Create issue



REZILION MITIGATE



mitigate

SAFELY release code with
known vulnerabilities



 prioritize
CI

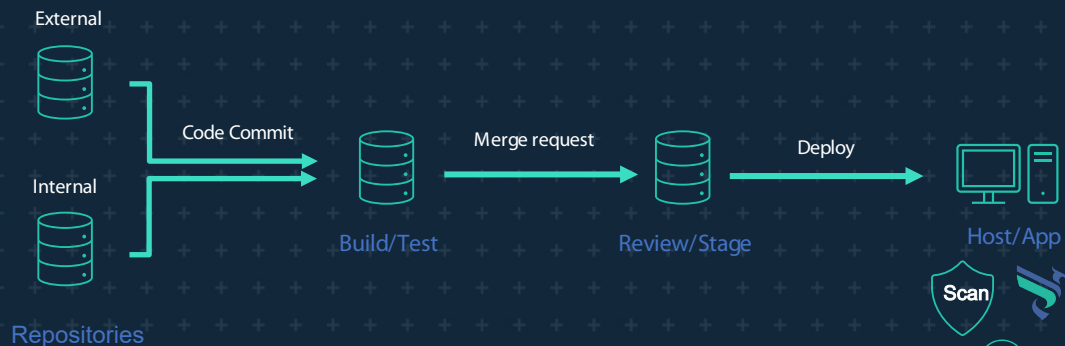
 prioritize
PROD

 mitigate

Pressure from Business to Accept Risk to
allow releases and avoid rollbacks

Mitigate Unpatched Vulnerabilities

REZILION MITIGATE



Uses Prioritize for validation

Maps vulnerabilities against Rezilion Mitigation identifiers

~85% reduction in manual effort fixing unexploitable issues

1. **Instrument** – run Mitigate as a script or Container on prod hosts/containers
2. **Security feed** consumes and validates vulnerability scanner feed
3. **Mitigation** – a compensating control for unpatched vulnerabilities



Vulnerabilities



Dismiss



Create issue



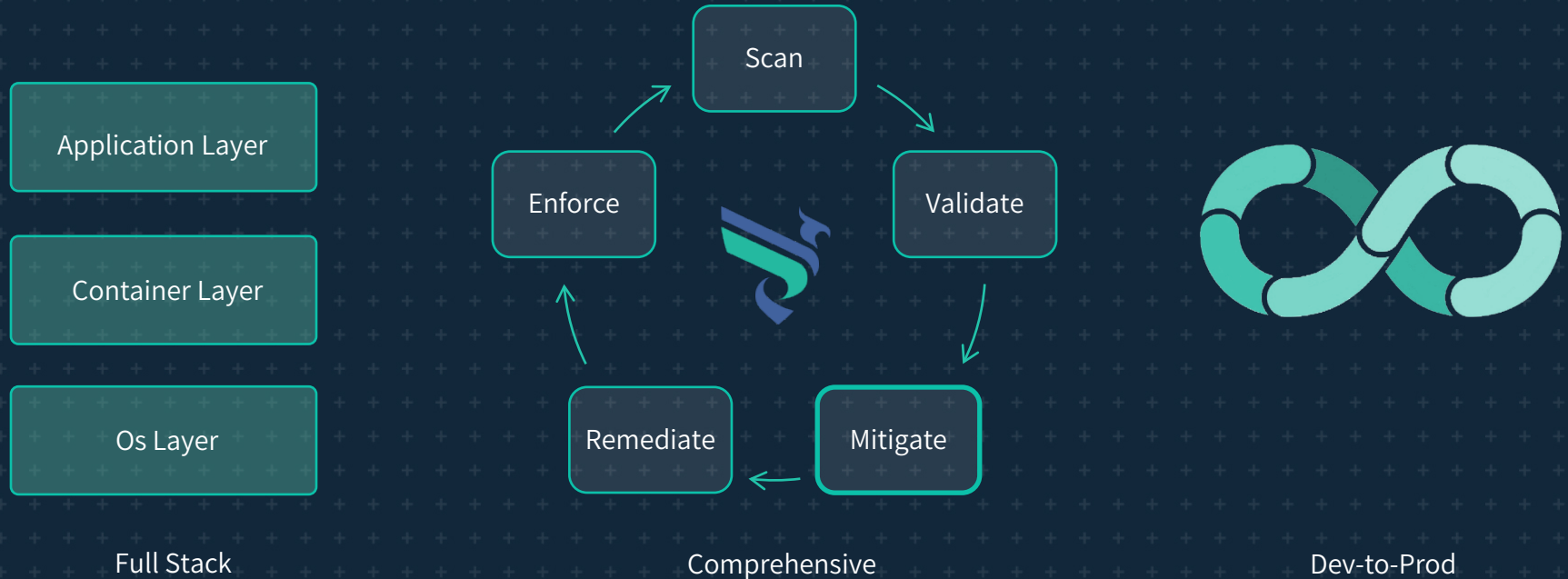
REVERSE ENGINEERING

Across multiple platforms, workload types
and application runtimes



AUTOMATED PRODUCT SECURITY

Reduces and Mitigates Attack Surface from Dev to Prod & from OS to App





Automate Manual Product-Security Work
Release Faster **and** Improve Security Posture
Make Agile Product Development Possible
