A Practical Approach for Injecting Sec into DevOps

Jon Jarboe
Developer Advocate

75B

Growing to
75 Billion by 2025

35B

35 Billion users and devices
connect to the cloud every day

*Source: The IoT Rundown for 2020: Stats, Risks, an d Solutions, Security Today

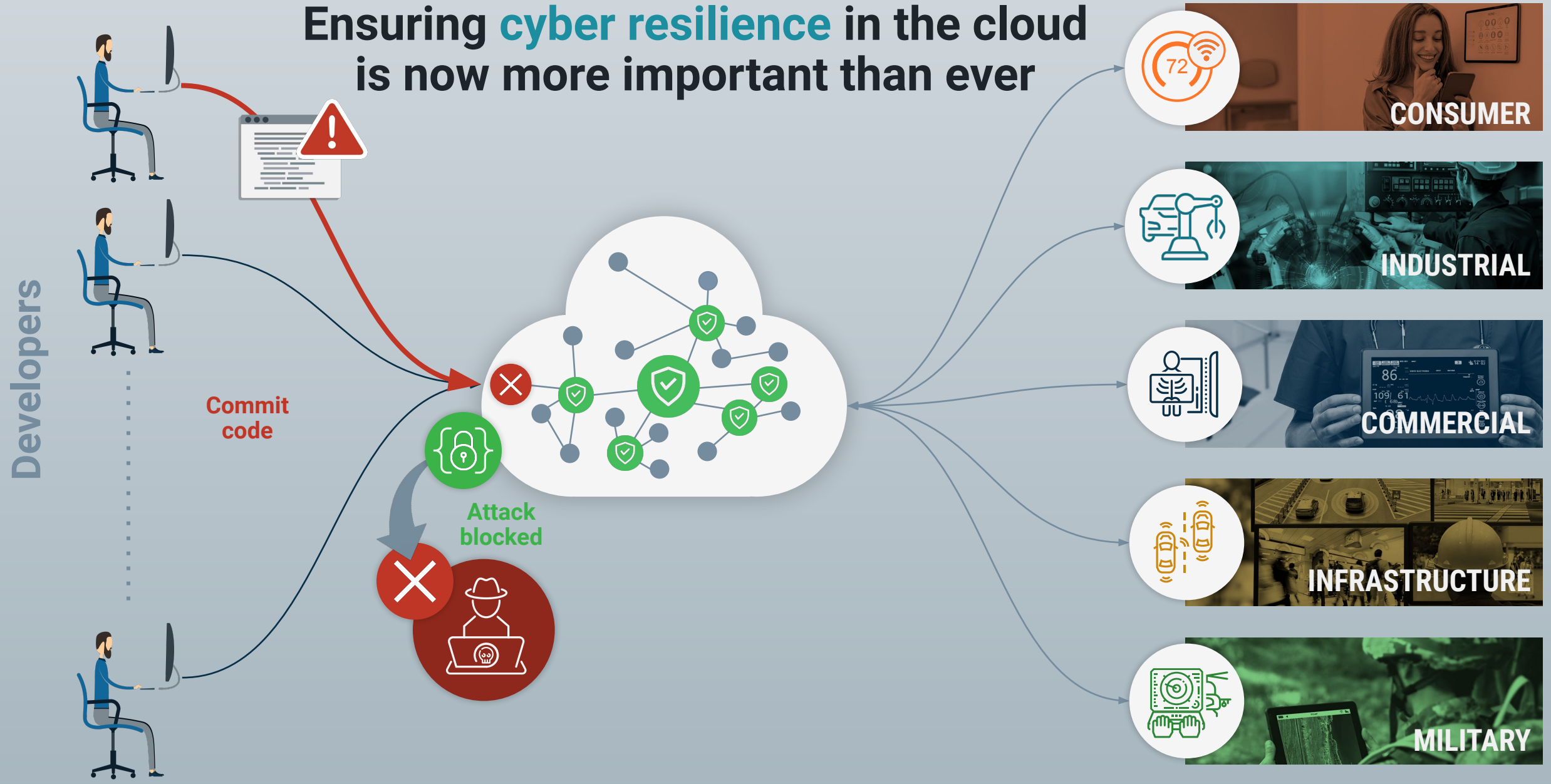
But the cloud is continuously changing ...

Developers

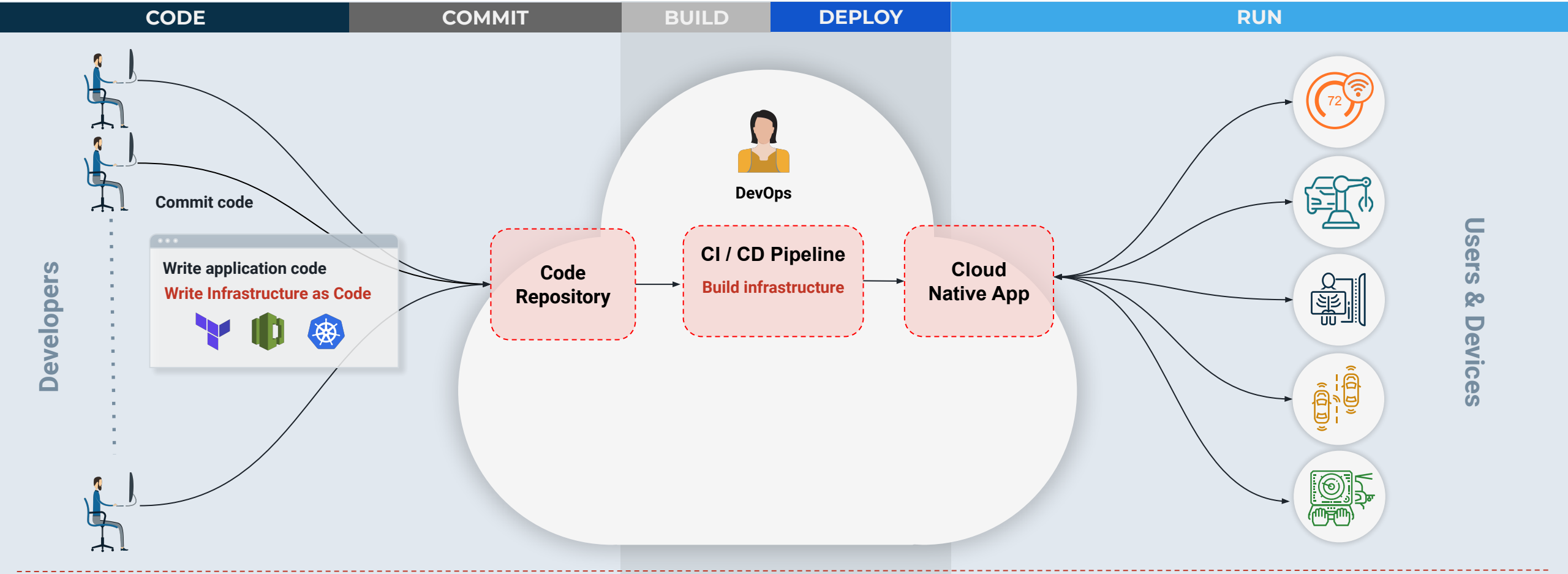
Commit code

4 Million
code commits in the cloud every day

Ensuring cyber resilience in the cloud is now more important than ever



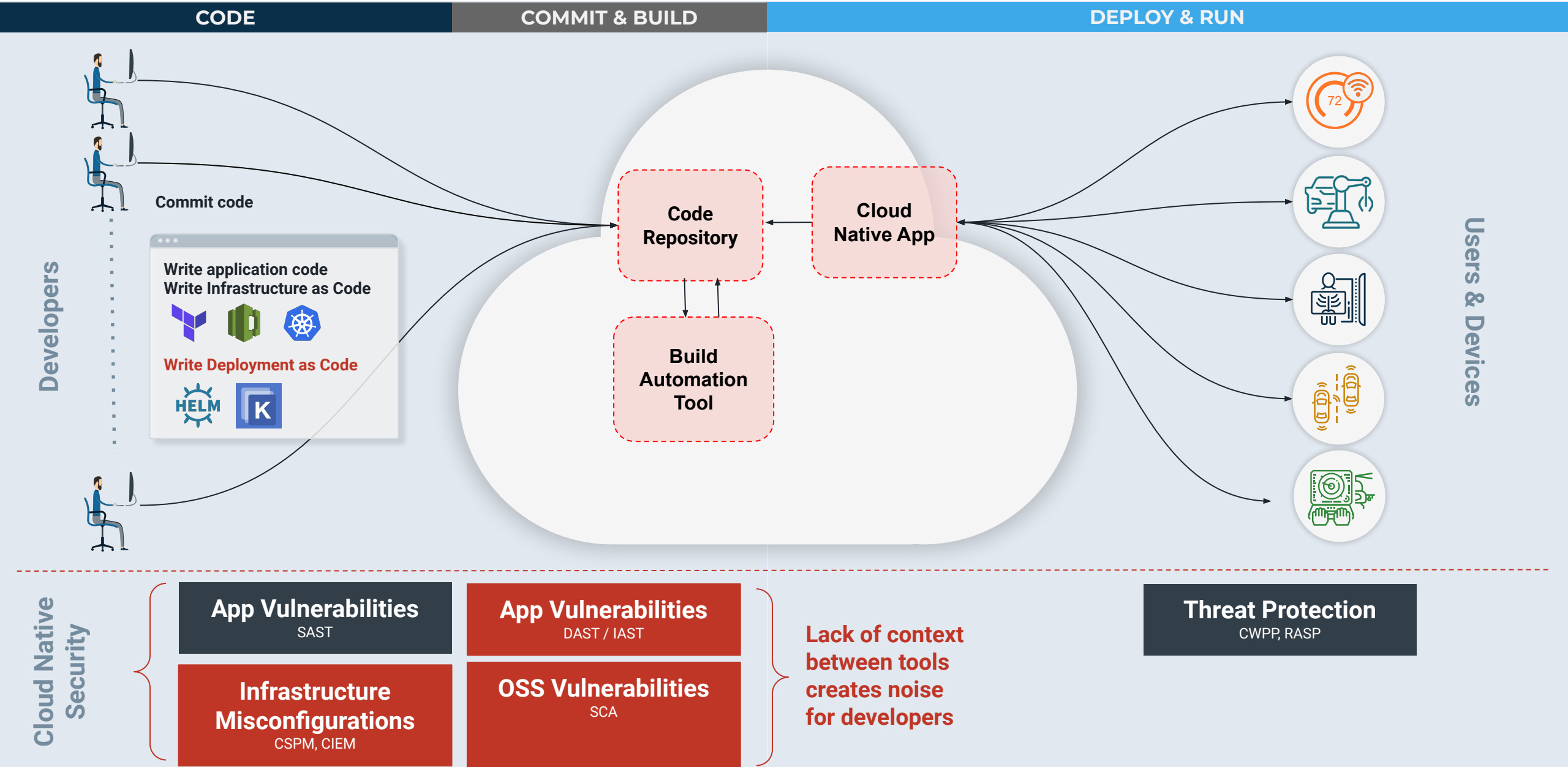
Traditional cloud security tools are **not built for developers**



Cloud Native Security

App Vulnerabilities SAST	**App Vulnerabilities** DAST / IAST	**Threat Protection** CWPP, RASP
Infrastructure Misconfigurations CSPM, CIEM	**OSS Vulnerabilities** SCA	**Infrastructure Misconfigurations** CSPM, CIEM

And security only gets more challenging as **developers embrace GitOps**



Programmatically Detect Breach Paths During Development

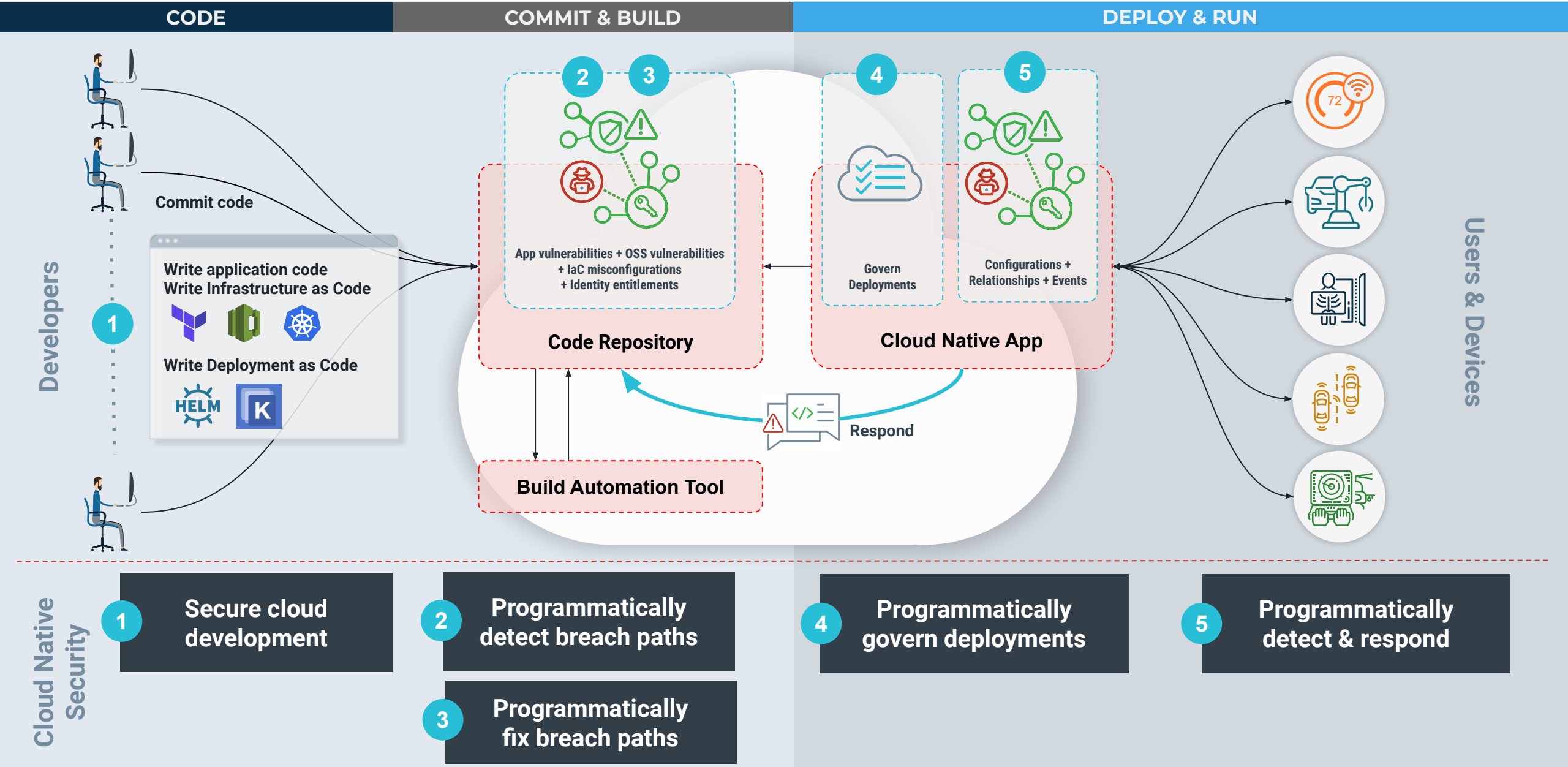
SSRF Vulnerability (CWE-918)

Misconfigured Compute Resource

Overly Permissive IAM / RBAC Policies

Unencrypted Database

A developer-first approach to security enables DevSecOps



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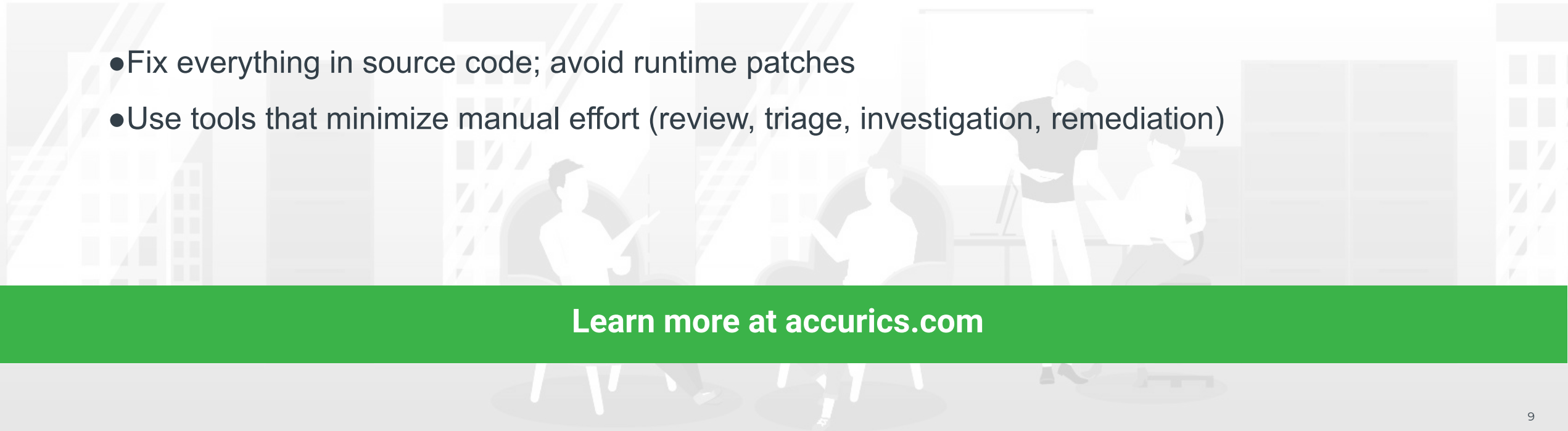
1. Contextualize security findings
2. Programmatically detect breach paths
3. Programmatically fix breach paths
4. Programmatically govern deployments
5. Programmatically detect and respond to runtime threats

- Fix everything in source code; avoid runtime patches
- Use tools that minimize manual effort (review, triage, investigation, remediation)



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Thank You

Email: jon@accurics.com

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