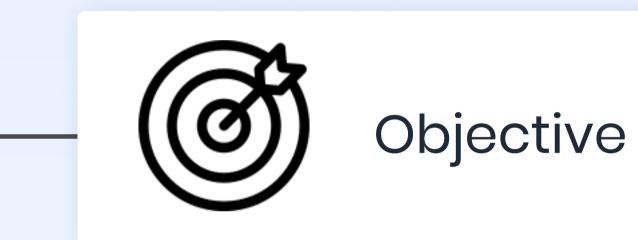
Understanding 'Shift Left' vs 'Shift Right' in Cyber GRC

Shift LeftAspectShift RightProactive integration
of GRC activities early
in developmentImage: Constant of the second secon

Identify and mitigate risks and compliance issues early



Continuous prevention, monitoring, detection, and response to incidents

• Risk assessments

- Compliance checks
- Security testing
- Continuous posture and configuration monitoring
- Vulnerability scanning

Key Activities

- Continuous Monitoring and detection
- Runtime prevention
- Incident response and remediation
- Adaptive security measures

Security-first from the design phase



Dynamic and adaptive security in production

- Requirements gathering
- Design and architecture
- Implementation, testing, and deployment
- Infrastructure and IaC



- Runtime monitoring
- Real-time anomaly

detection

 Incident triage and forensic analysis

Shift Left

Aspect

Shift Right

- Automated security scans
- Vulnerability
 - assessments
- Continuous integration



- Extended Detection and Response (XDR)
- Endpoint Detection and Response (EDR)
- Endpoint Protection
 Platforms (EPP)

- pipelines
- Configuration and
 posture scanning

- Security Information and Event Management (SIEM)
- Security Orchestration, Automation, and Response (SOAR)
- Real-time security event monitoring

 Early identification of vulnerabilities and compliance gaps



 Rapid prevention, detection, and remediation of security

- Reduced cost of retroactive security measures
- Creation of inherently secure software
- Fostering a culture of "security and GRC first"
- Requires cultural shift towards early security integration
- Potential initial slowdown in development
- More stakeholders



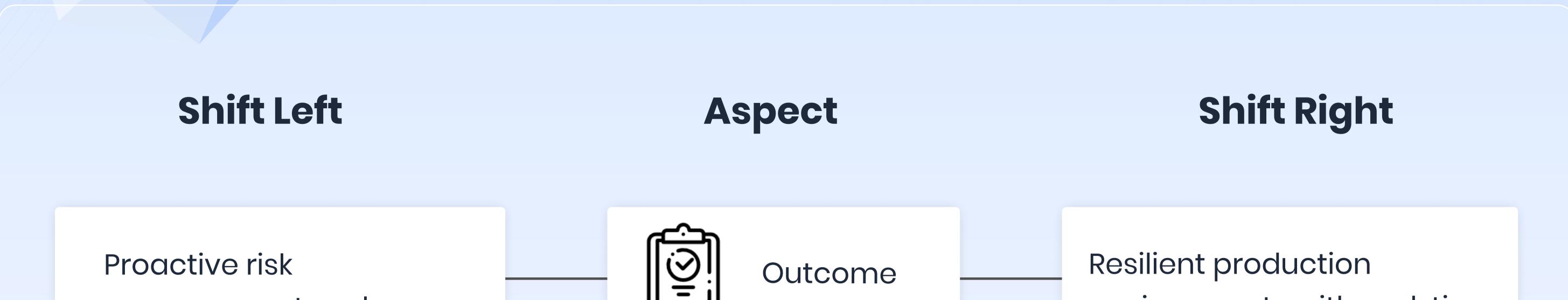
- incidents
- Lower incident response times
- Enhanced runtime

security

- Requires robust monitoring and incident response strategies
- Need for continuous adaptation to emerging

involved including: Engineering, Product Security, DevSecOps, AppSec, Security Engineering, GRC Engineering threats

Might be too late

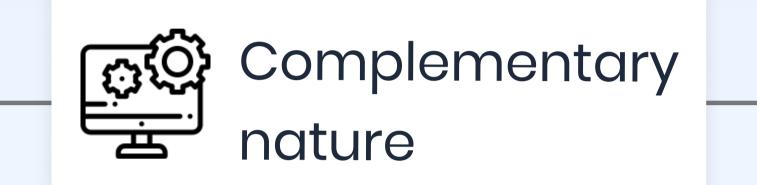


environments with real-time protection

management and compliance adherence

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Works best when combined with Shift Right for holistic security



Complements Shift Left by addressing runtime threats

