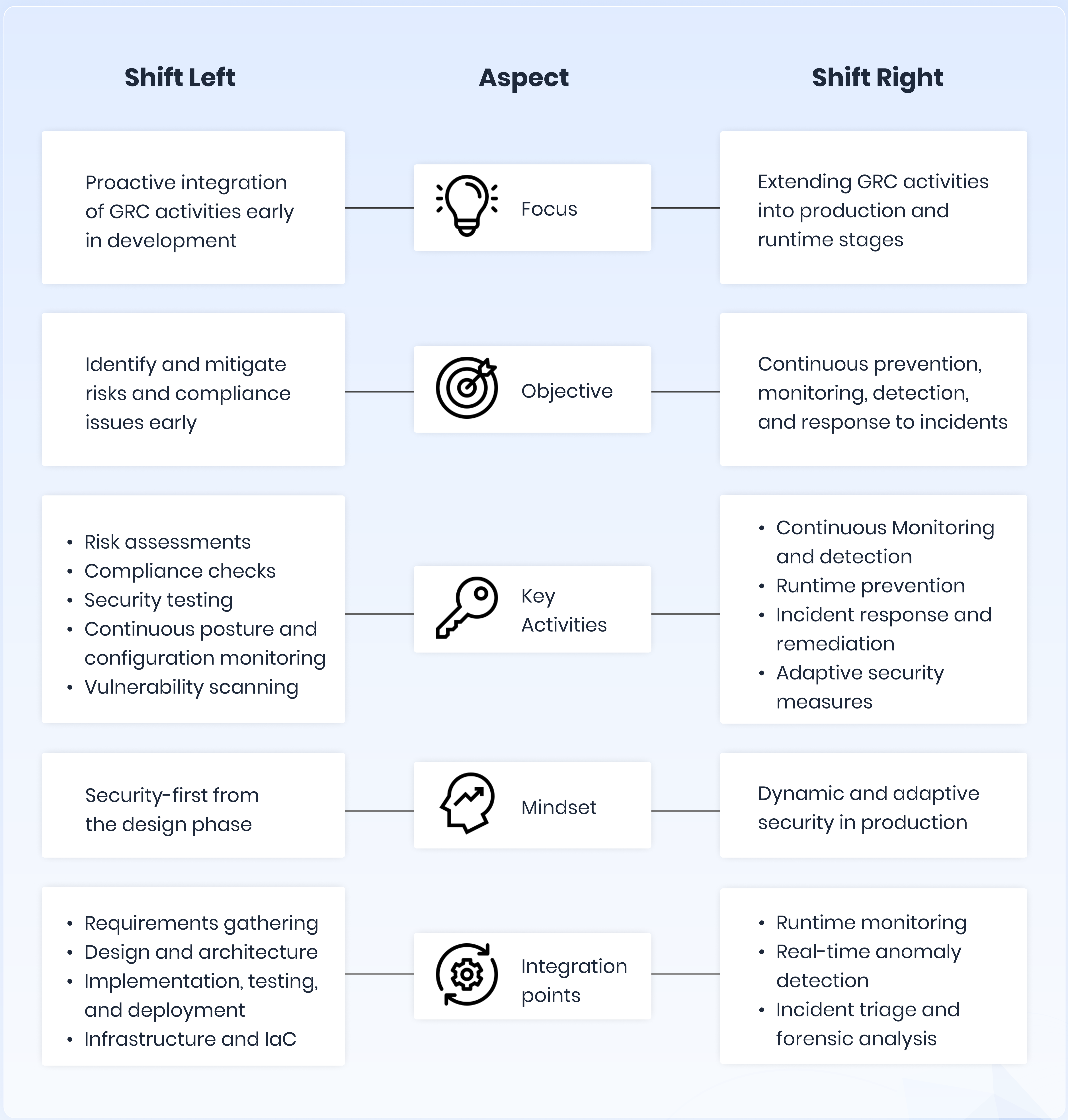


Understanding 'Shift Left' vs 'Shift Right' in Cyber GRC



Shift Left

Aspect

Shift Right

- Automated security scans
- Vulnerability assessments
- Continuous integration pipelines
- Configuration and posture scanning



Tools and Technologies

- Extended Detection and Response (XDR)
- Endpoint Detection and Response (EDR)
- Endpoint Protection Platforms (EPP)
- Security Information and Event Management (SIEM)
- Security Orchestration, Automation, and Response (SOAR)
- Real-time security event monitoring

- Early identification of vulnerabilities and compliance gaps
- Reduced cost of retroactive security measures
- Creation of inherently secure software
- Fostering a culture of “security and GRC first”



Benefits

- Rapid prevention, detection, and remediation of security incidents
- Lower incident response times
- Enhanced runtime security

- Requires cultural shift towards early security integration
- Potential initial slowdown in development
- More stakeholders involved including: Engineering, Product Security, DevSecOps, AppSec, Security Engineering, GRC Engineering



Challenges

- Requires robust monitoring and incident response strategies
- Need for continuous adaptation to emerging threats
- Might be too late

Shift Left

Proactive risk management and compliance adherence

Works best when combined with Shift Right for holistic security

Aspect



Outcome



Complementary nature

Shift Right

Resilient production environments with real-time protection

Complements Shift Left by addressing runtime threats

