



Advanced Cybersecurity Services

LIFARS
your digital world, secured

VIP Cyber Crime Mystery Thriller

Cybrella AppSec as a Service

Nov 2021



Objectives

Cybrella Application Security Introduction

Cybrella Application Security Value Proposition

Next Steps - Enablement



Application security from the design stage

- It is known that **identifying and fixing security vulnerabilities late** in the development process **cost much more than earlier identification**
- According to IBM, the **cost of identification of security bug can even cost 100 times more** when identification **in maintenance** stage rather than in **earlier design** stages
- On average, over **70% of the IT security budget is spent on Infrastructure**, yet over **75% of attacks happen at the Application** level
- According to Microsoft Research, **only 1/3 of developers are confident that they write secure code**

AppSec – Cybrella Approach

Integrate Security into Your Product DNA

Cyberlla's application security teams help the DevOps in any stage of the lifecycle that the application is in, from design/architecture to deployment.

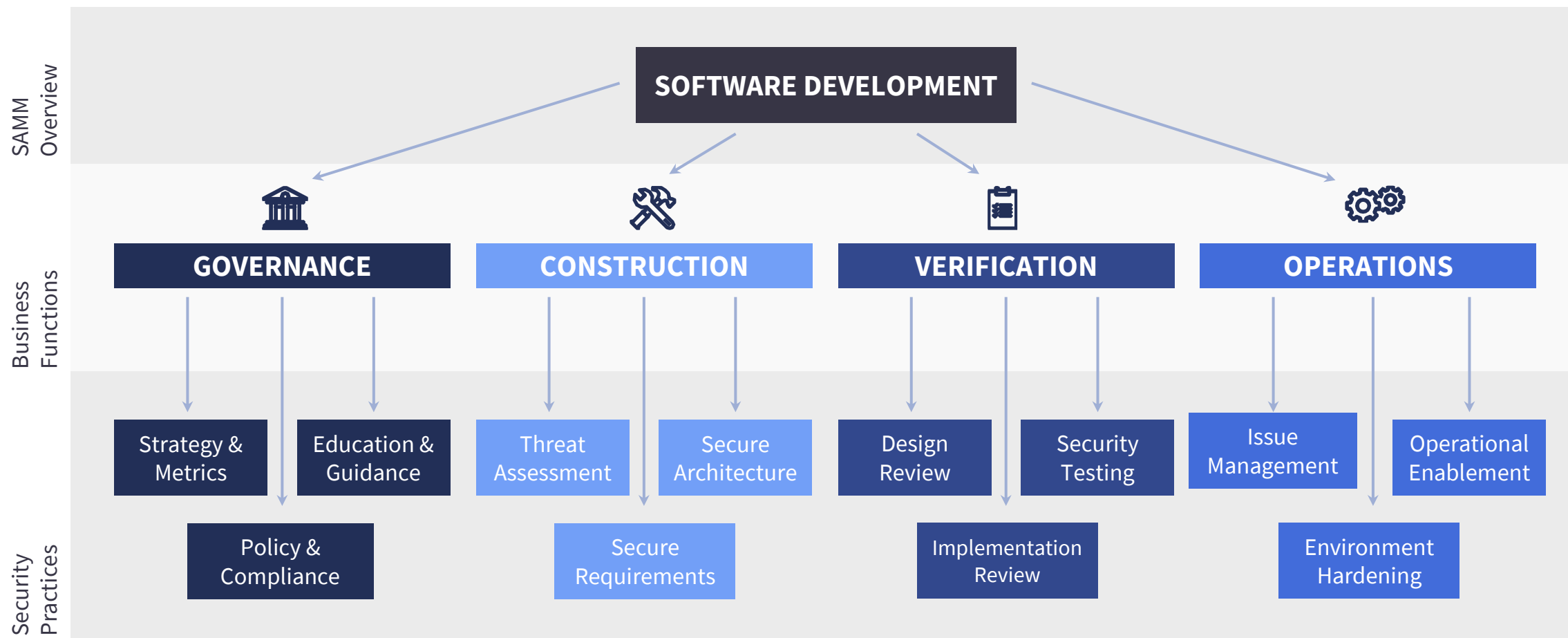
Cybrella's applications security experts with a background in developing and coding in broad types of applications and domains - Web, Cloud, Mobile, IoT, Embedded, etc.

Cybrella works closely with the DevOps team to educate them in developing secure applications. We also build the controllers and assess the systems to identify and mitigate vulnerabilities and keep our clients' apps' confidence and one step ahead of the hackers.

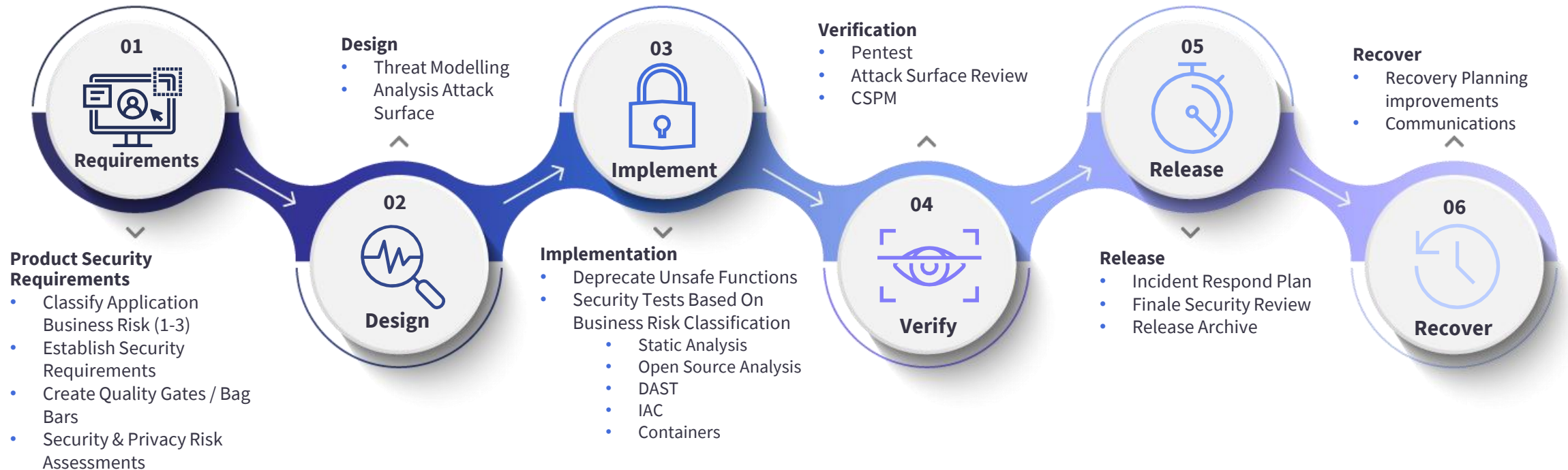


Effective AppSec Program

Based on OWASP Open SAMM 2.0



The Journey building the Secured Product by NIST



Building SAST Program

Kick-Start – First Product /Project [6-8 Weeks]

- Information gathering
- Configure Users & Policies

- Initial Project onboarding
- **SDLC Integration**
- Architecture Review
- Reporting Integration
- Ticketing Integration
- Training

- For each project:**
- Threat modeling + Architecture review
 - Code Review
 - Results review
 - Results clean up
 - Mitigation advice
 - Rules tuning

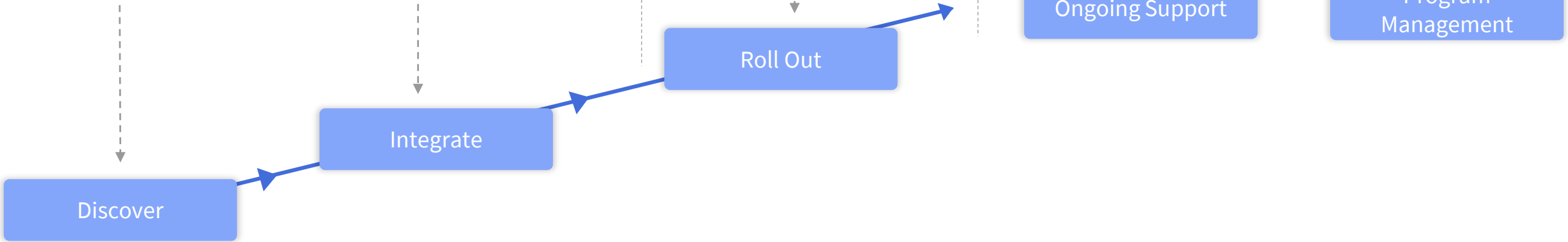
Adoption

Continuous AppSec Improvement [Rest of the contract period] – Product/Month

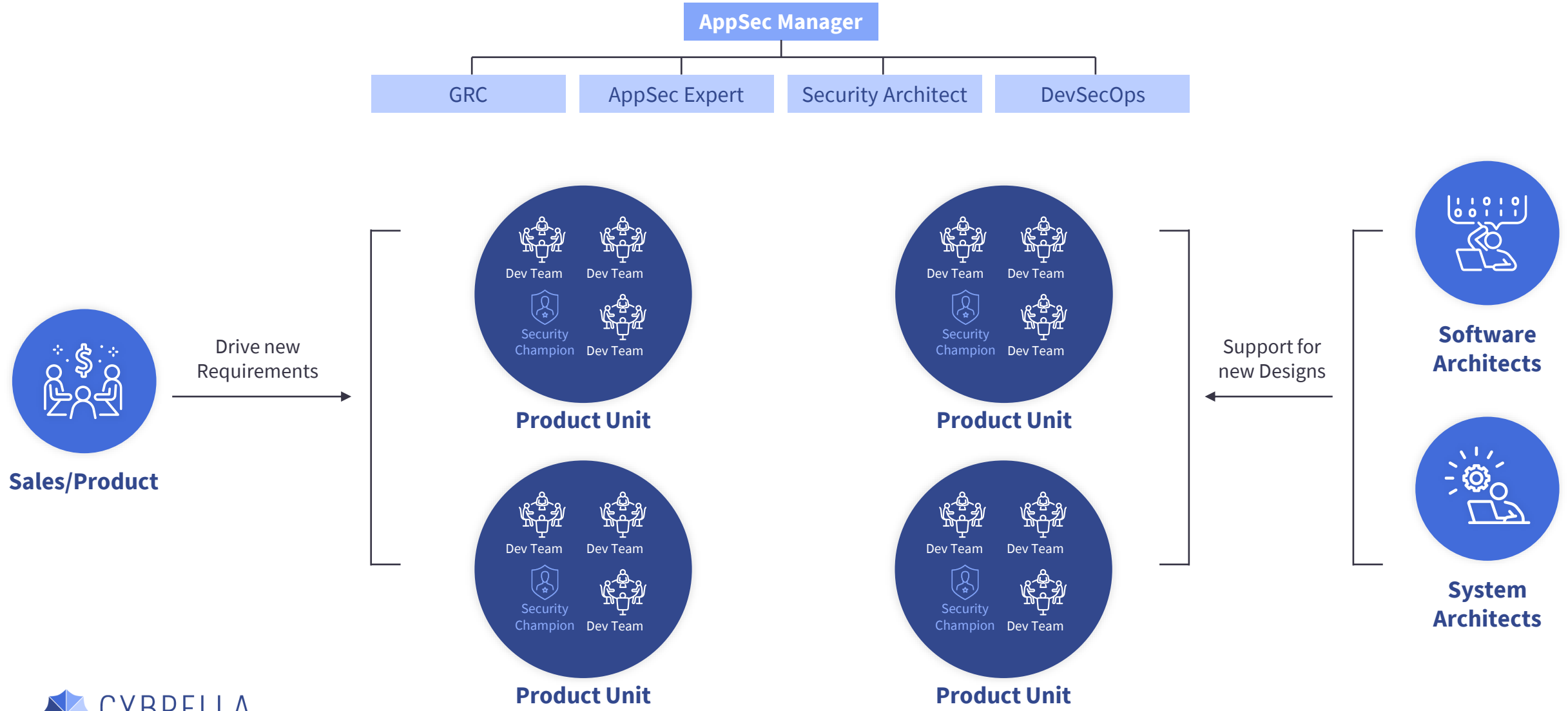
- Consulting advised
- QBR quarterly

- Dedicated delivery manager – Weekly calls
- Results Review
- KPI Review
- Activity Reports

POV



Decentralized Approach – Key Players



Executive Directive and Alignment

Business Requirements

- Compliance
SOC2/ISO27001/GDPR
- SLA
- Liabilities

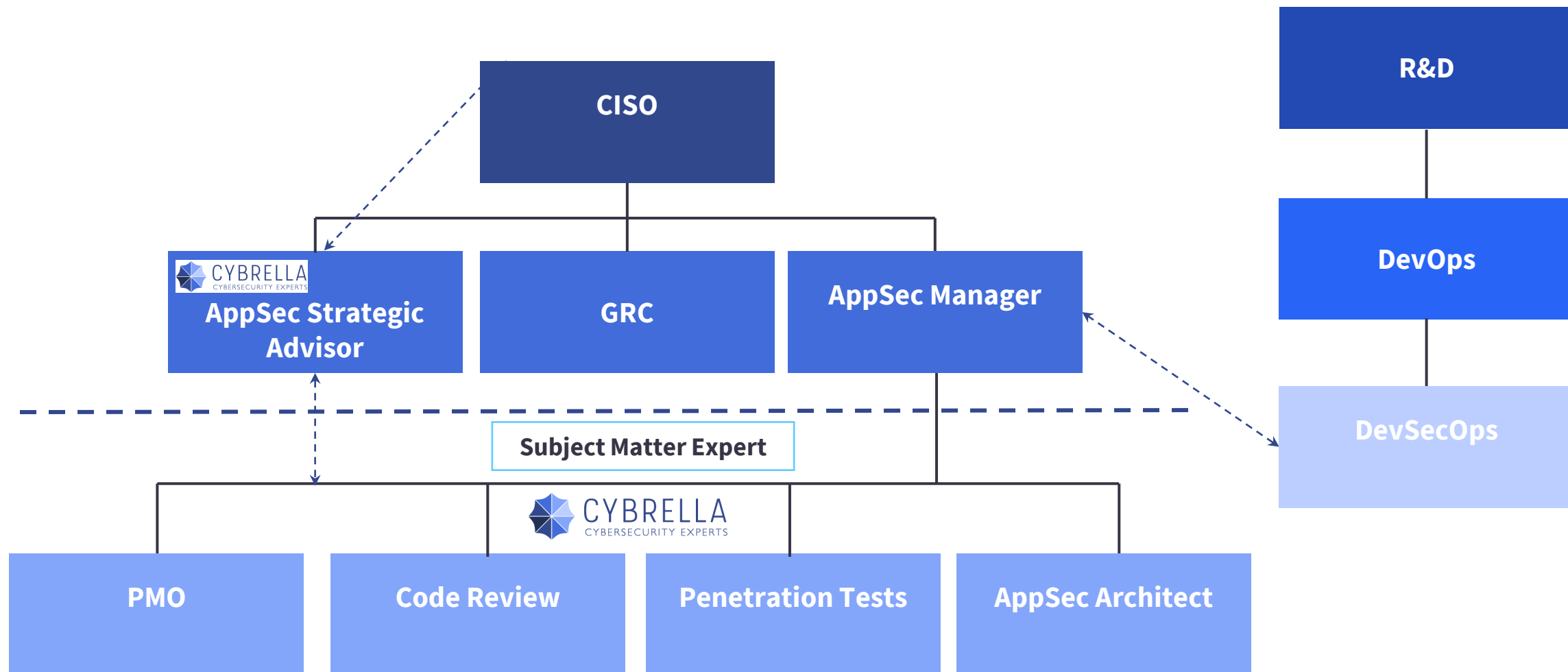
Prepare a Plan to address the Risks and Needs

- SDLC Program
- SecOps
- Compliance Standards
(ISO/SOC2)

Management Alignment

- Set clear Policy to follow
- Assign Security Champion Program
- Resources and Budget
- Implementation & Execution
- KPI Tracking

Organization Chart



Summary



Organizations accelerate to secure SDLC

Trusted partner to facilitate your security requirements

Experts in coding languages and frameworks

On hand to ensure your AppSec program is successful

Align with CI workflow without delays

Developers focus on security vulnerabilities and remediation

Developer Assistance on-demand

Remediate vulnerabilities earlier

Rapid ramp-up, setup and deploy




Fast-track your AppSec program



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