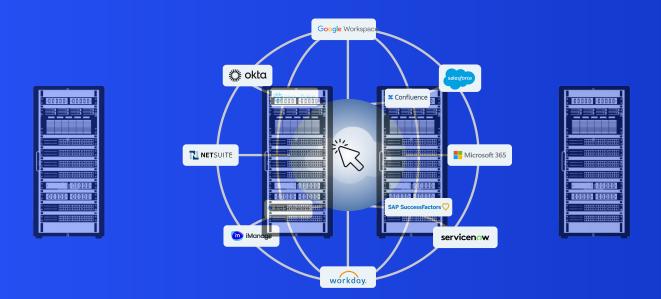


Building Resilient SaaS Security:

Actionable Strategies to Emerging Threats

Dan Devane VP Sales West

Sensitive data is no longer centralized



80% of sensitive data is stored in cloud applications

AppOmni

Where Does Your Most Critical Data Live?

In Your Laptop? In a Cloud Database? Or In SaaS Apps?







78% Organizations storing sensitive data in SaaS1

Organizations data in SaaS¹

More data than ever stolen from SaaS



individuals impacted by major SaaS breaches in 2024¹



of organizations don't have full visibility into their SaaS applications² 7B+

Records exposed from data breaches in the first half of 2024³

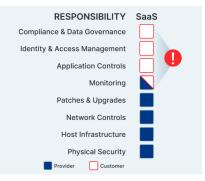
1R+

The Problem With Securing SaaS



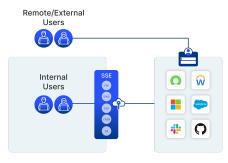
Risk

Shared responsibility clouds the true picture of SaaS risk



Access

SaaS data risks, access, and threats bypass traditional controls



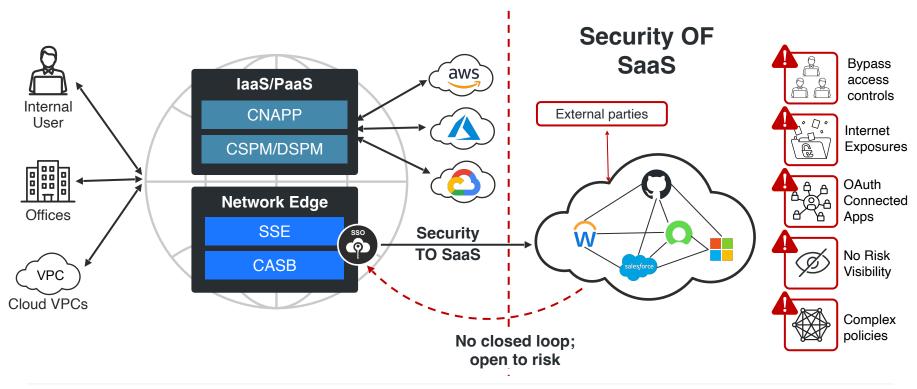
Complexity

Complex environment different apps, configs, logs & app-to-app connections

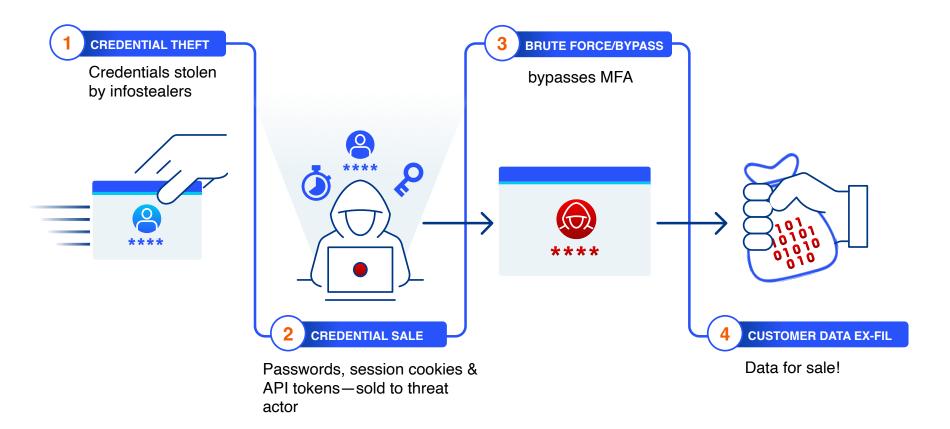


State of Cloud Security

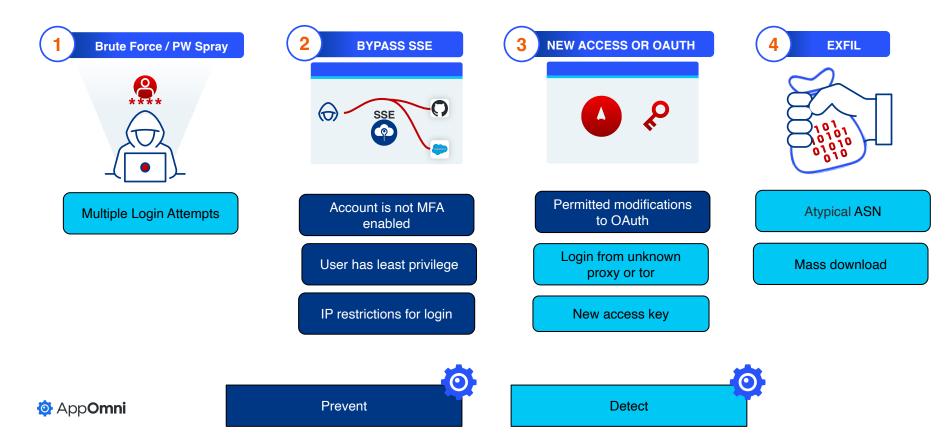
SaaS Risks Outpacing Solutions



What Does a SaaS Breach Look Like?



How AppOmni Prevents SaaS Breaches

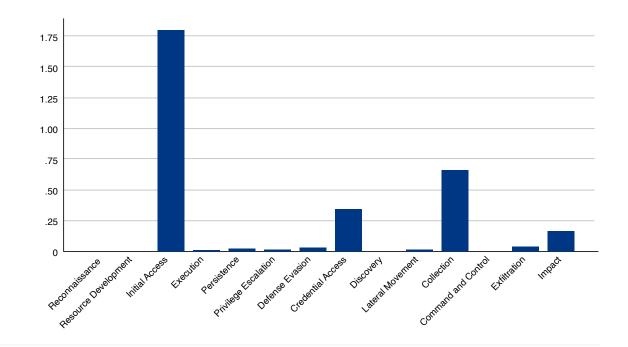


Where SaaS alerting orginiates

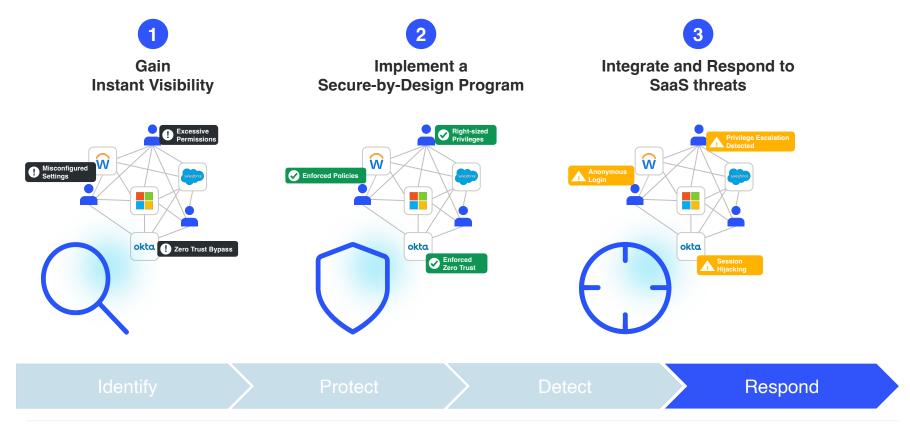
Build a program that protects your attack surface, then identifies activity

~70% of alerts from initial and credential access

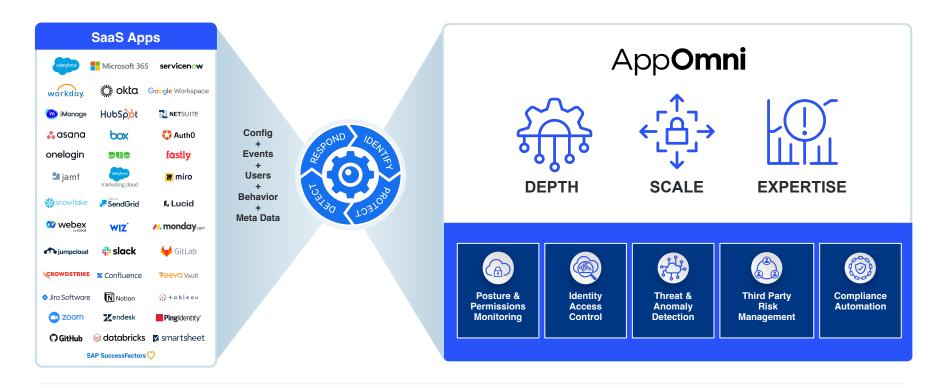
~28% of alerts from collection & exfil



A Modern Approach To Secure SaaS



Elevate SaaS Security



🔄 App**Omni**

Not All SaaS Apps Are Equal

Most sensitive data is stored in a handful of business-critical apps



AppOmni

Trusted by 5 of the Fortune 10

And Securing Saas for 25% of the Fortune 100

"We've been able to accelerate the identification and remediation of key security issues that would have otherwise led to potential data exposures and, potentially, fines or other penalties."

2B+

Events

Analyzed Daily

- Financial Services Company

260M+

Exposed Data

Records Secured

amazon labsal (airbnb AT&T cencora **CISCO** Google databricks **JPMORGAN** Johnson Johnson CHASE & CO. **Meta** BEPSICO **Prudential** stripe **Pfizer** verizon⁴ Installations Found

🙆 App**Omni**

101M+

SaaS Users

Protected

80K+

3rd Party App



Global Leaders Across Industries Choose AppOmni



🙋 App**Omni**

Thank You

Learn more at appomni.com

AppOmni



How Customers Are Using AppOmni To Secure SaaS

CVS pharmacy	novo nordisk	
Pain Point: No security, visibility, or monitoring for strategic SaaS applications	Pain Point: Growing complexity of SaaS	Pain Point: Unable to detect SaaS data exposure
Need: Establish an end-to-end, and SaaS Security Program to protect critical SaaS applications.	Greater control and visibility into SaaS configs, posture, user behavior; GxP, FDA compliance	Need: Comprehensive SSPM solution to detect SaaS data exposure and mis- configuration risks
Incumbents: Existing SSE deployment	ZScaler, PANW, Microsoft - offered only CASB solution	Incumbents: Basic SSPM - missed significant data exposure

University of Cincinnati Reduces Data Exposure, Gains Greater Visibility with AppOmni



KEY RESULTS

- Reduced data exposure of sensitive data, including vaccination records Salesforce Community Portal
- Visibility across 13 Salesforce instances previously unmonitored
- Quick implementation and collaborative support without the need of team expansion

* There were roughly 68,000 users who had access to 900,000 vaccination records we did not know about. * -CISO to CIO after POV





NDA

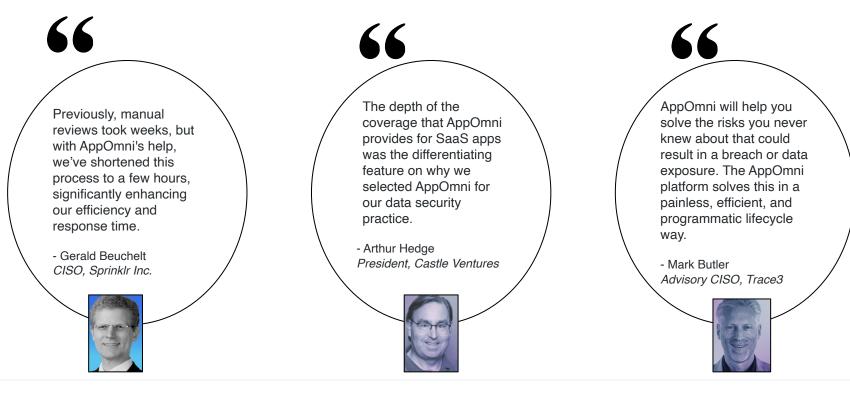
PROBLEM

- Data exposure risks presents awareness and monitoring problem in complex SFDC, environments
- **Blind spots** in critical SaaS apps prevented awareness of potential vulnerabilities

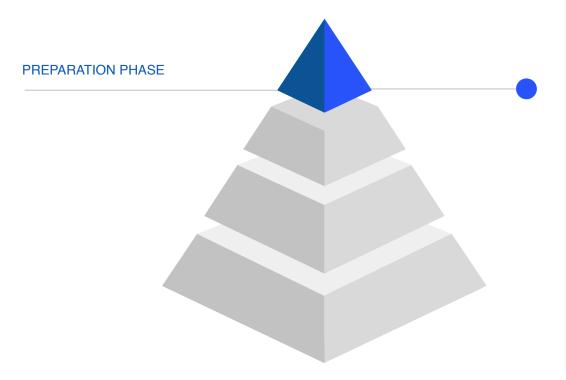
WHY APPOMNI

- Data exposure prevention protect critical student data and data access
- SaaS expertise ongoing support for limited staff across University system
- Scale configuration management, streamline across multiple app instances

What other teams have to say



🙆 App**Omni**



PREPARATION PHASE

1. Deployment Planning:

Review of existing deployment, current security controls and perceived gaps to define a risk-rated operationalization plan.

1. Identify Primary Stakeholders:

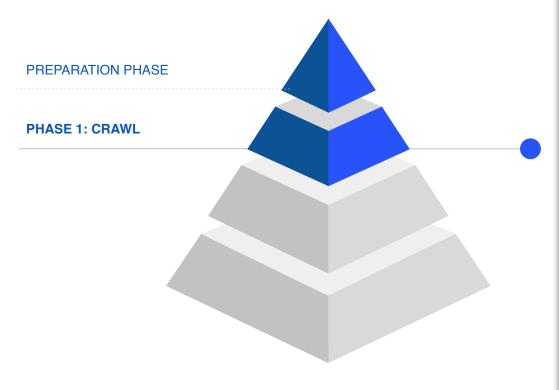
Identify stakeholders from each LoB, and also from each org.

1. Project Goals and Success Criterias

Identify, and document key project goals and success criterias.

1. **Project timelines and milestones**

Agree on, and document project timelines, deliverables and milestones.



PHASE 1: CRAWL

1. Engage key SaaS Security Stakeholders:

Engage with key stakeholders, such as SaaS application owners to ensure representatives from different departments and levels of the organization have visibility.

1. Onboard Your SaaS applications:

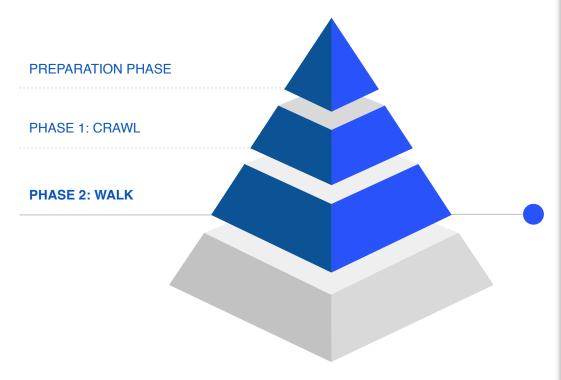
Onboard your SaaS applications into AppOmni for central SaaS security monitoring and visibility.

1. Deploy AppOmni out-of-the-box SaaS security best practices or map to Royal Mai's custom minimum control framework:

Leverage AppOmni out-of-the-box SaaS security best practices to quickly identify security gaps, and to evaluate the organization's security posture against industry best practices & standards.

1. Review initial findings / current state, and remediate or tune SaaS security policies:

Assess and review the initial findings, and develop (tune) baseline policies based on cybersecurity maturity model and initial scan findings i.e. highest risk SaaS Apps. Remediate critical findings.



PHASE 2: WALK

1. Establish corporate security policies & procedures:

Review & update initial AppOmni policies as/if needed. Define, and implement AppOmni operational procedures, roles + responsibilities, and communicate to all stakeholders involved.

1. Project milestones, goals, awareness and training:

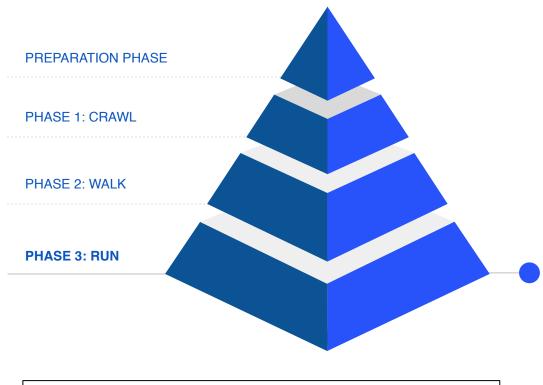
Define realistic SaaS security milestones based on initial findings. Develop specific, measurable, achievable, relevant, and time-bound project goals. Provide the initial education and training to all involved employees.

1. Corporate workflows and integrations:

Review, and define SaaS security corporate workflows and integrations.

1. Metrics & reporting criteria:

Identify KPIs & define reporting framework.



AppOmni Onboarding & Implementation Plan Here

PHASE 3: RUN

1. Implement, and adopt end-to-end SaaS security workflows and integrations:

Ensure AppOmni findings can be consumed and reviewed via existing SaaS security workflows and tools.

1. Metrics & reporting:

Ensure AppOmni findings and metrics can be tracked via the required reporting framework.

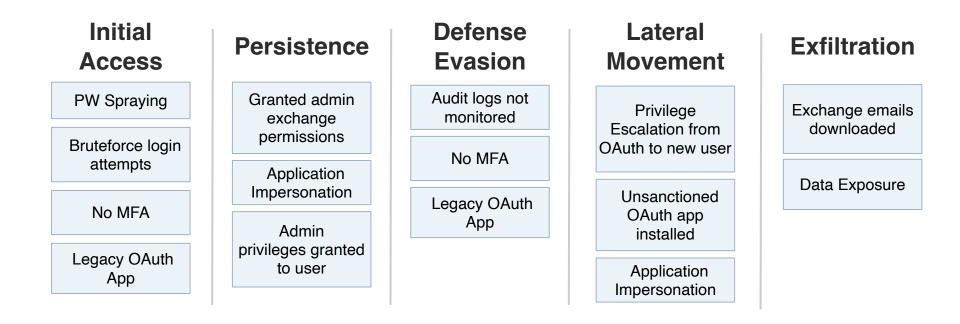
1. Continuous policy reviews, adjustments and testing:

Ongoing policy & findings assessments to identify risks & ensure the SaaS security program remains aligned with business strategy & objectives.

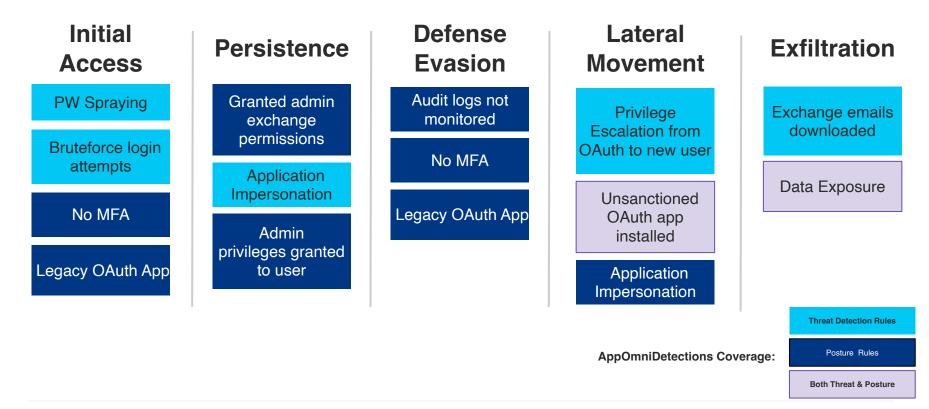
1. Continuous education and awareness program:

Provide ongoing education & awareness training to all employees involved.

Midnight Blizzard Tactics, Techniques and Procedures



Midnight Blizzard TTPs



🔄 App**Omni**