



# Why Securing APIs Is Essential for Growth and Innovation

Future-Proofing Your Business

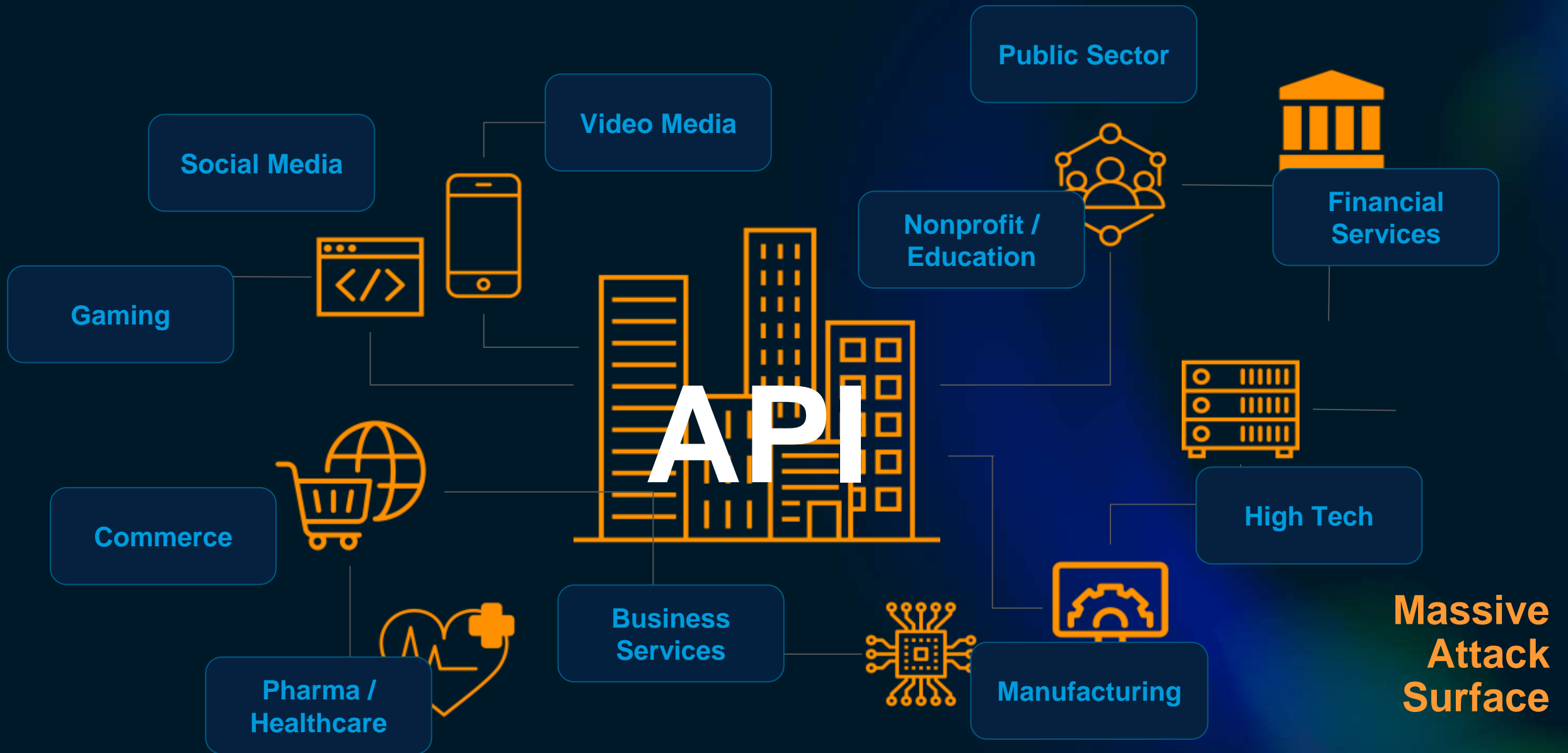
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# APIs Are Everywhere...



# API Trends

## 80% of internet traffic is APIs

More than 80% of all web traffic is API communications <sup>1</sup>

## 92% incident rate

92% of organizations have experienced an API security incident <sup>2</sup>

## 60% lack visibility

Of the 72% of cybersecurity professionals who have full API inventories, only 4 in 10 have visibility into which APIs return sensitive data <sup>3</sup>

Sources: 1, 3: Noname Security 2023 API Disconnect Report | 2, ESG, "Securing the API Attack Surface," 2023

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**"As API traffic dominates,  
API attacks are a primary  
target for attackers."**

Source: The State Of Application Security, 2022, Forrester Research, Inc., May 9, 2022.

***31% of all traffic protected by  
Akamai is API traffic***

# Traditional Approaches Have Limitations



Incomplete Inventory



Limited Observability



Lack of Runtime Controls



Minimal Testing

## API Environments



Scale



Complexity



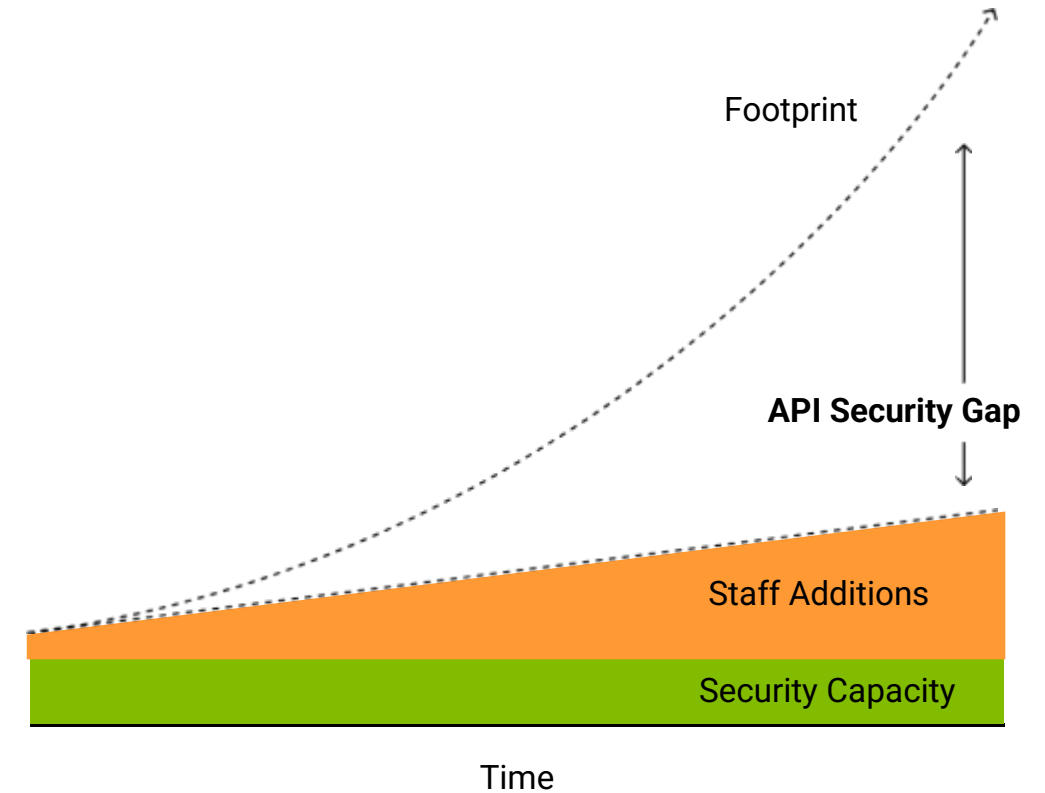
Dynamic Nature



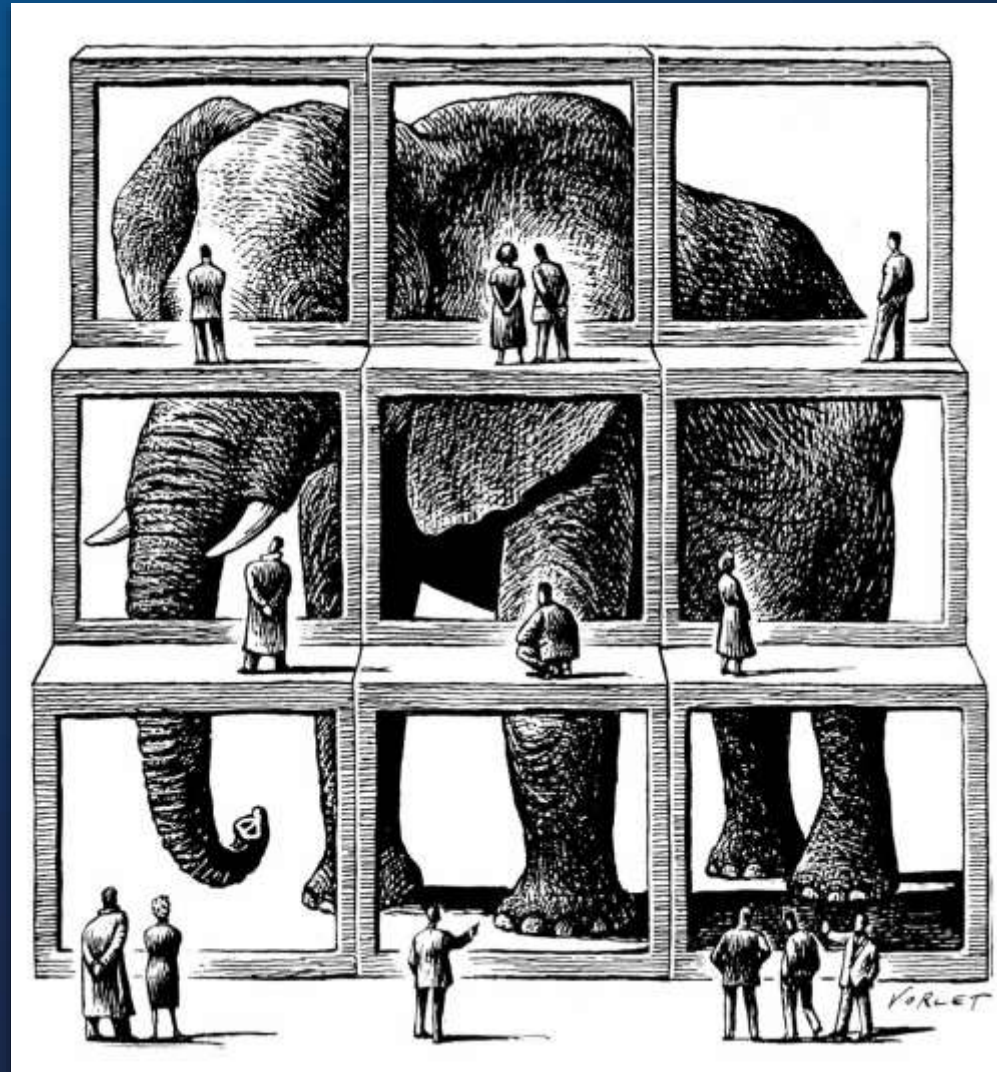
API-Specific Threats

# API Security Is an Even Bigger Problem Than You Expect

- ✓ Business Demands
- ✓ Digital Transformation
- ✓ Agile/Continuous Delivery
- ✓ Microservices Applications
- ✓ Public Cloud Infrastructure
- ✓ Regulatory Requirements



# Why Are Current Controls Not Working?



# The API Security Pillars



## Discovery

API asset inventory,  
change detection,  
network mapping,  
reconnaissance.



## Posture Management

Configuration control,  
vulnerability  
management,  
remediation  
prioritization.



## Runtime Protection

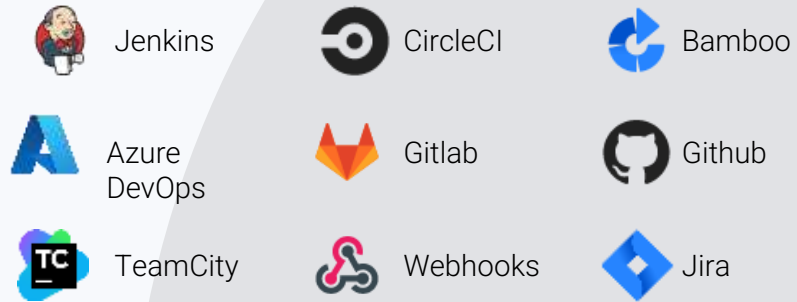
Detection and  
prevention of  
attackers and  
suspicious behavior in  
real time.



## Testing

Secure APIs in dev to  
stop vulnerabilities  
before production.

## Development Platforms

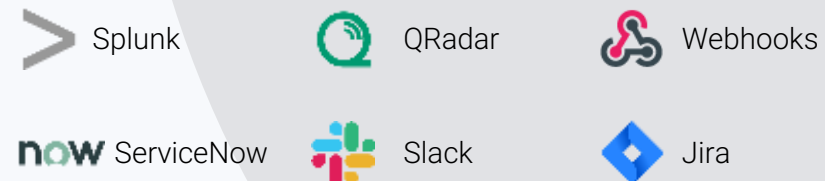


## Network and Cloud



# Ecosystem

## Workflow Integrations



## API Gateway





# Akamai + Noname Lead in API Security

Complete API security at any stage of your API lifecycle



API Security Testing



Comprehensive Discovery &  
Posture Management



Runtime Protection



End-to-End Visibility:  
Code to Prod



Architectural Flexibility  
& Scalability



Industry Leadership &  
Expertise

# Key Takeaways



## Accelerate Business

Gain confidence in your initiatives and deliver value faster



## Reduce Risk

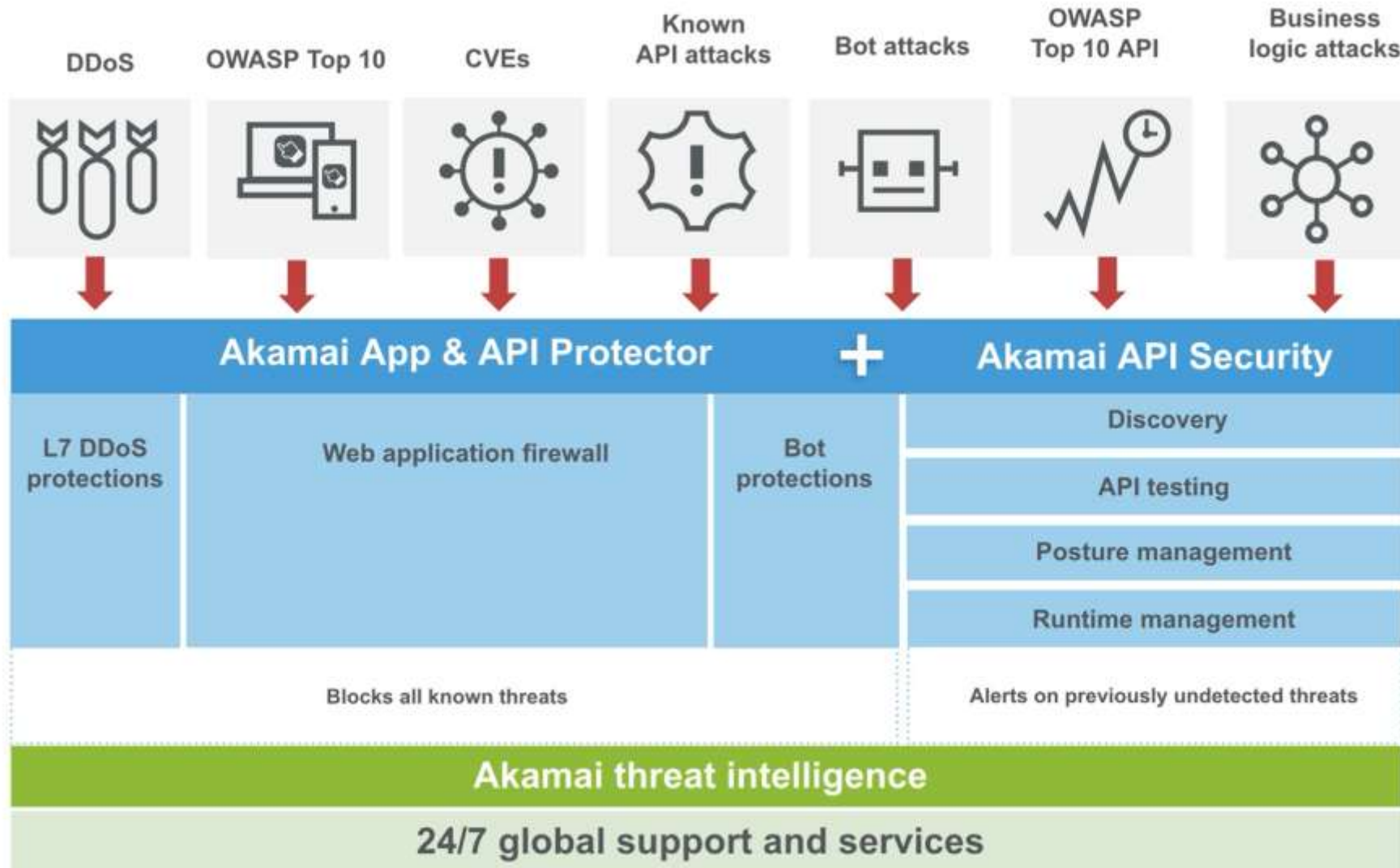
Protect data, prevent damage, ensure compliance



## Lower Cost

Extract more value out of your existing security stack and Akamai investments

# How Akamai Stops These Attacks Today



# AKAMAI SECURITY

SECURE YOUR APPLICATIONS EVERYWHERE, EVERY TIME.

COME VISIT US AT BOOTH #9-317

# Next Steps

- **Learn more at Akamai.com**

<https://www.akamai.com/products/api-security>

- **Threat research**

<https://www.akamai.com/security-research>

- **Download Akamai API Security product brief**

<https://www.akamai.com/resources/product-brief/api-security>

- **Request personalized demo**

<https://www.akamai.com/products/api-security/demo>





**Thank you!**

