

Kiberbiztonsági kihívások a DevOps világ korszakában

Pintér András | Regional Sales Manager

We are the cybersecurity partner of choice

Securing tens of thousands of customers globally

10 of 10

of the Fortune 10

8 of 10

Largest U.S. Banks

9 of 10

Largest Manufacturing
Companies in the
World

9 of 10

Largest Utilities
in the World

7 of 10

Largest Oil & Gas
in the World

9 of 10

Top U.S. Hospitals



BEST OF BREED ACROSS THE BOARD

LEADING THE WAY IN CYBERSECURITY INNOVATION

NGFW

A **Leader** in Gartner
Magic Quadrant
Network Firewalls

Gartner

Zero Trust

A **Leader** in Forrester
Zero Trust eXtended
Ecosystem Platform
Providers Wave

FORRESTER

SD-WAN

A **Leader** in Gartner
Magic Quadrant WAN
Edge Infrastructure

Gartner

EPP/XDR

A **Leader** in Forrester
Endpoint Security
Software As A Service
Wave

FORRESTER

DevSecOps

A **Leader** in GigaOm
Developer Security
Tools Radar

GIGAOM

SASE

Frost & Sullivan's Global
Company of the Year
Award for SASE

FROST
&
SULLIVAN

ZTNA

A **Leader** in Forrester
Zero Trust Network
Access New Wave

FORRESTER

Vulnerability Management

Outperformer Leader
in GigaOm's Vulnerability
Management Radar

GIGAOM

SOAR

Leader in KuppingerCole
Security Orchestration
Automation & Response
Leadership Compass

kuppingercole
ANALYSTS

Cloud Security

A **Leader** in Forrester
Cloud Workload
Security Wave

FORRESTER

Attack Surface Management

Outperformer Leader in
GigaOm's Attack Surface
Management Radar

GIGAOM

CSPM

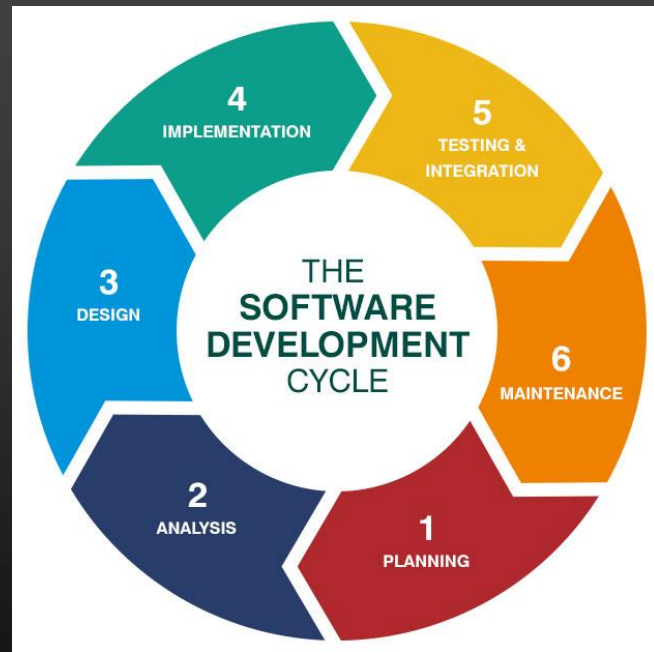
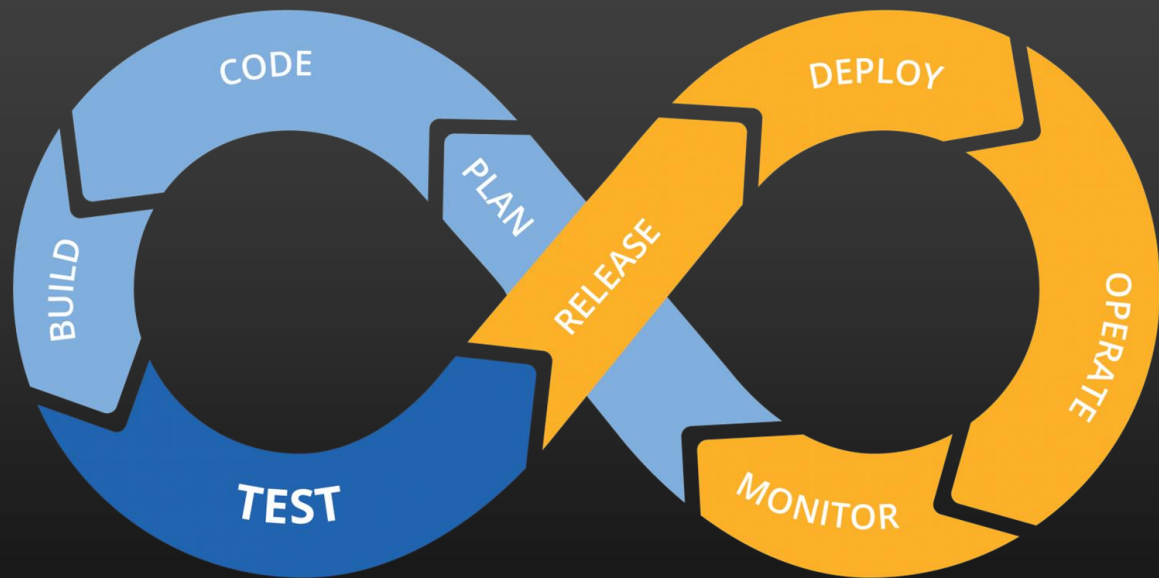
A **Leader** in GigaOm's
Cloud Security Posture
Management Radar

GIGAOM

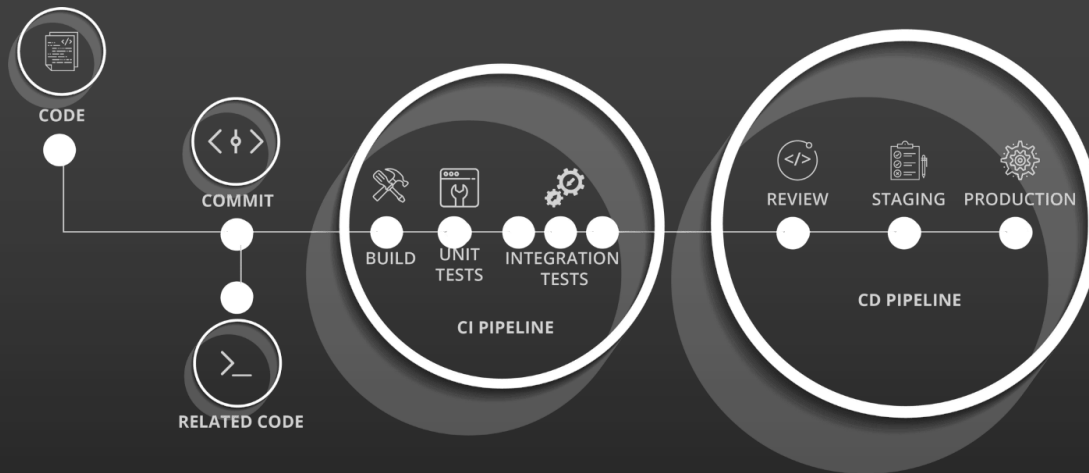
Leadership In Critical Third Party Assessments

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SOFTWARE DEVELOPMENT LIFE CYCLE



FAST SDLC NEEDS CI/CD PIPELINE AND DEVOPS MENTALITY



What architects want?

- Code based infrastructure
- Rock solid, scaling architectures
- Customised orchestration
- Real-time telemetry data
- Microservice based operation
- Magic “automatic security” somehow

What operators concern?

- We still need to patch all the hosts
- Cannot handle more mgmt burden
- Multiple OSs add complexity
- Agile SDLC needs different security

What business wants?

- Rapidly deployable apps
- Operation and dev in one team
- Rapid SDLC and repurposed parts
- Cheap and agile developments

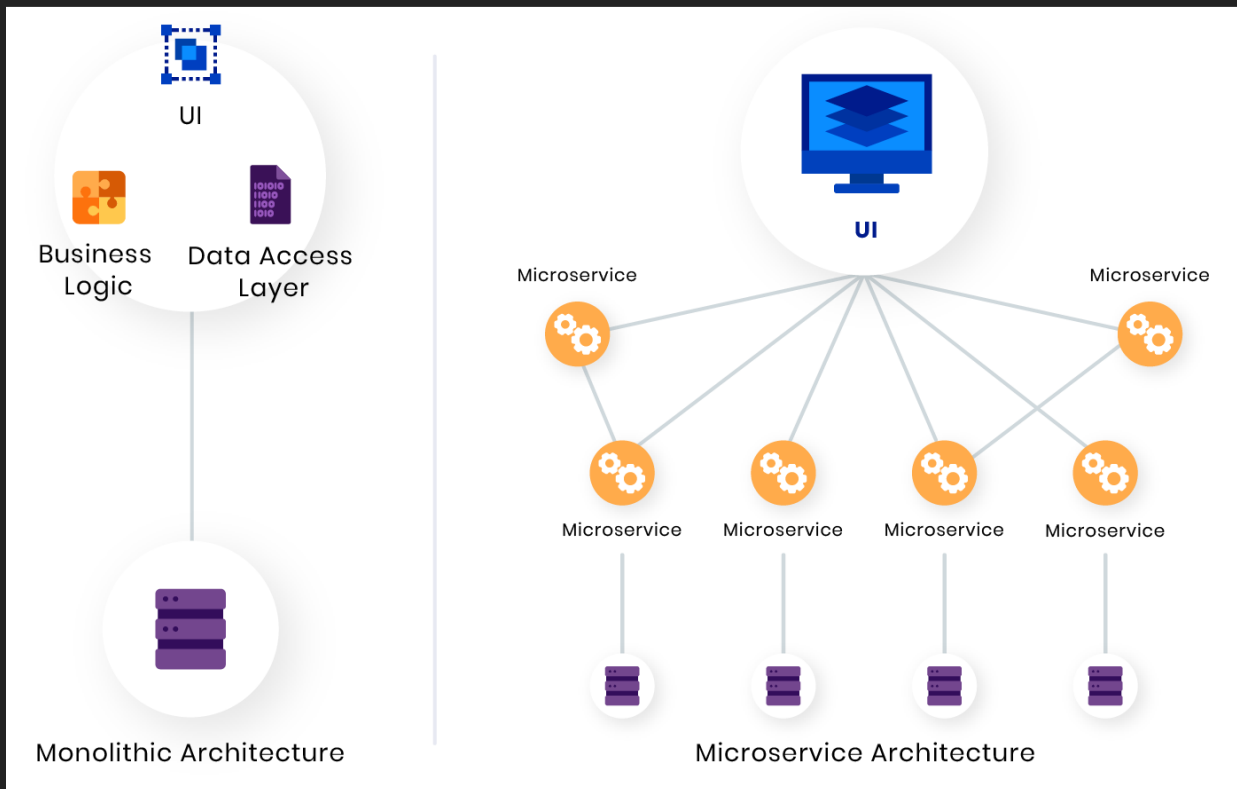
MONOLITHIC VS MICROSERVICE ARCHITECTURES

Monolithic is ...

- Error prone
- Hard to manage
- No re-usable parts
- Nightmare to debug
- Patches easily break

Microservices are ...

- Less burdensome
- Faster to develop
- Reusability across apps
- Easy to debug
- Lightweight » fast



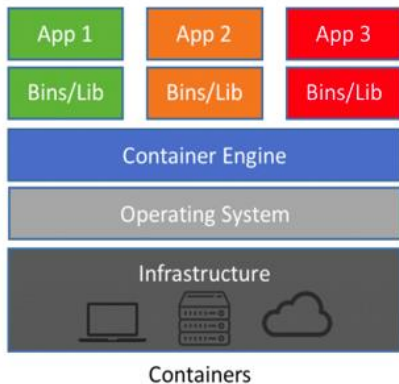
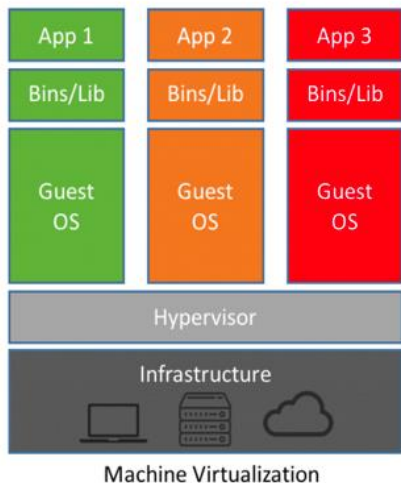
KEY PLAYERS ON MODERN INFRASTRUCTURES



CONTAINER? HOW IS IT DIFFERENT FROM A VM PRACTICALLY?

Kernel separation made infamous “security vs devops” debate

- VMs are separated by hypervisor level, those are essentially different computers and OS
- Container based infrastructure is running on the same kernel, separation is not that deep
- Modern infra gives standardised environment to run any code, executes in seconds



CONFLICTS OF APPLICATION SECURITY - DEVSECOPS PARADOX



SPEED MATTERS - HOW TO INSERT SECURITY INTO THIS RACE?



WHAT IS THE PROBLEM OF APPLICATION TEAMS TODAY?



Developer / App team member / devops

“Security is crazy, they want me to fill hundreds of lines in excel before any deployments”

“Compliance is the other pesky one asking me things I have no visibility”

“Operation is still messing up the infrastructure and very slow when a change needed”



Operation / Network team / IT guy

“Devs always use half baked, unreliable tools , which is very difficult to follow”

“Compliance asking me about code and doesn’t understand it’s not our field”

“Security requires me updates on the infra, once I do it, devs starting to scream”



Security / SOC / Threat team

“Devs became really dangerous, easy to breach, but no one understand my concerns”

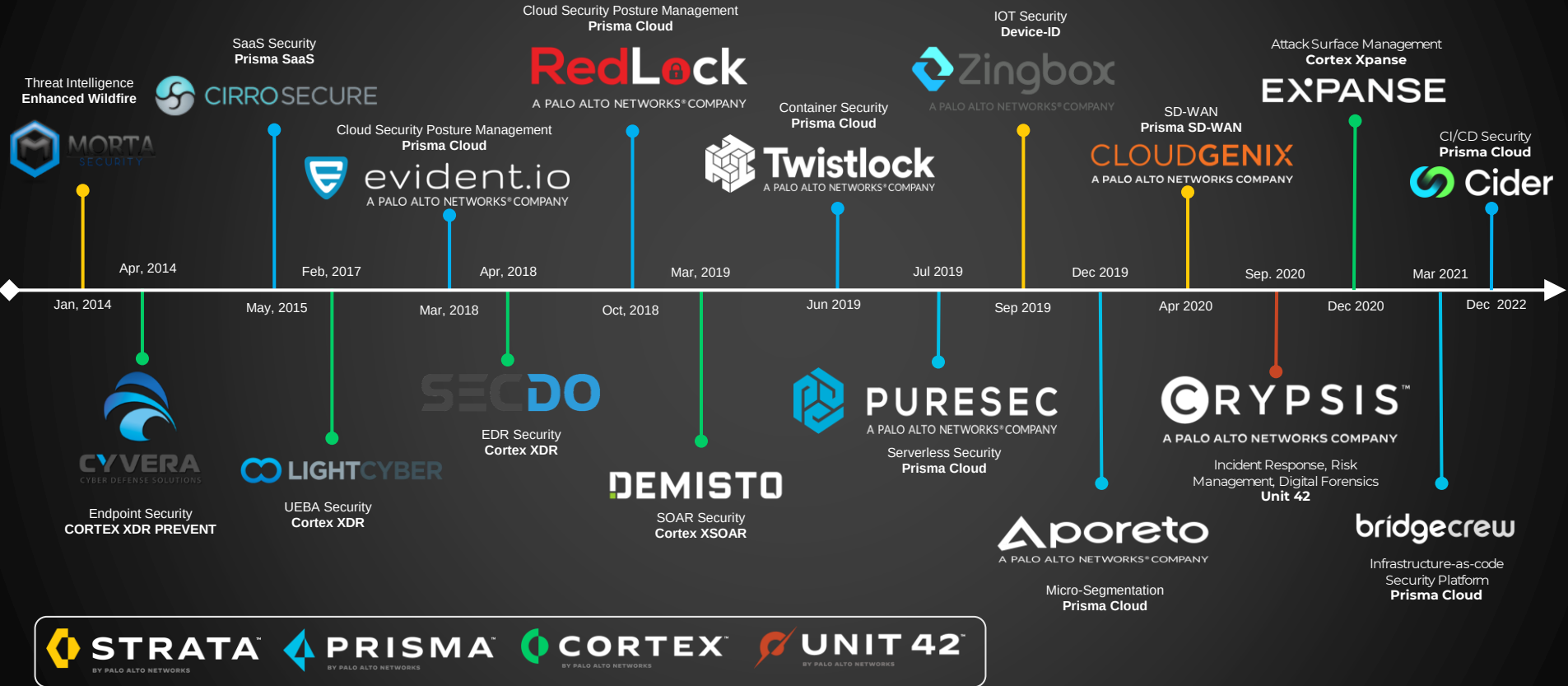
“Compliance still comes to me for answers, but I don’t have visibility, let alone controls”

“Ops nowadays understand nothing when I want to help them mitigate risks”

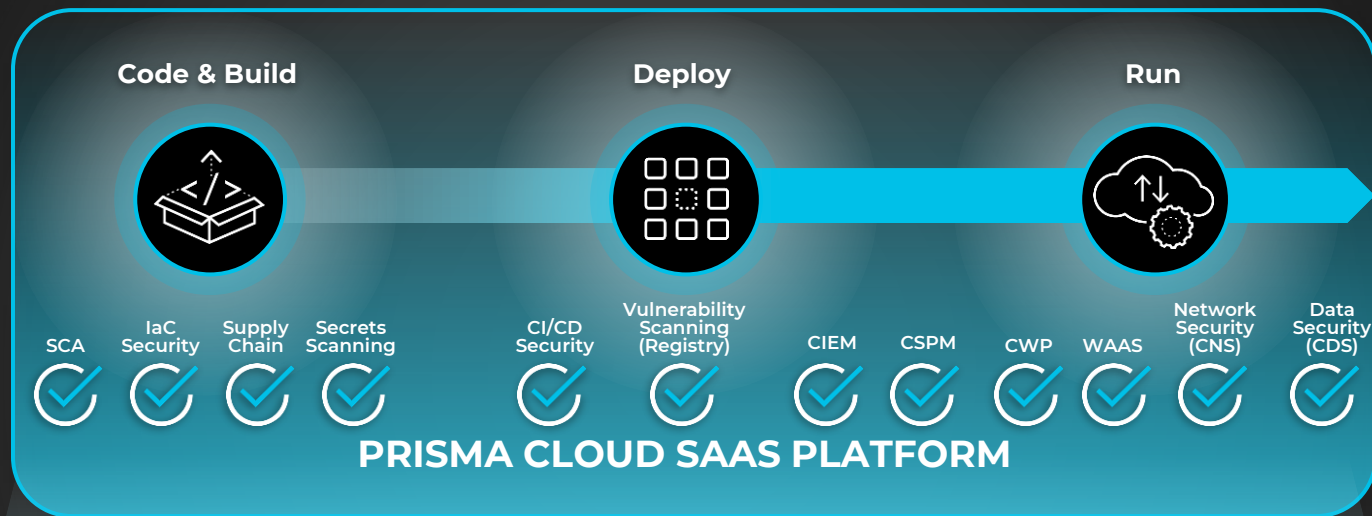
PRISMA Cloud

*The industry's most complete cloud native
application protection platform (CNAPP)*

Acquisitions



PRISMA CLOUD – CLOUD NATIVE APPLICATION PROTECTION PLATFORM



SECURE FROM CODE TO CLOUD





Cloud-Native Application Protection Platform



Code Security

Integrate and perform infrastructure and application security in the CI/CD pipeline



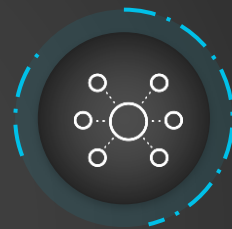
Cloud Security Posture Management

Monitor posture, detect, and respond to threats and maintain compliance



Cloud Workload Protection

Secure hosts, containers, and serverless across the application cycle



Cloud Network Security

Gain network visibility, enforce microsegmentation, and secure trust boundaries



Cloud Identity Security

Enforce permissions and secure identities across workloads and clouds

Full Application Lifecycle

Secure applications across the lifecycle (build-deploy-run)



WHY PRISMA CLOUD

The top five reasons customers use Prisma Cloud Cloud Workload Protection

1. Secure any cloud native stack
2. Integrated across the application lifecycle
3. Pioneers in cloud native security
4. Stress-tested by the largest deployments
5. Broadest and deepest vision



Köszönöm a figyelmet!