



## What do motorcycles and vulnerability management have in common?

It's all about risk context



## Today's Speaker



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Director of Product Marketing



**Is this risky?**



**Is this vulnerability risky?**  
CVE-2022-99999\* | CVSS Score: 9.0



What we'll talk  
about today

01

**Asset  
Risk**

02

**Vulnerability  
Risk**

03

**Proactive vs  
Reactive**

Security meme break

# Not every **rider** has the same risk profile



**Which 3 pieces of protective gear would you forgo?**

- Helmet
- Back/Spine Protector
- Chest Protector
- Knee Guards
- Boots
- Elbow Guards
- Gloves
- Pants
- Jacket

**The risk context of the rider needs to be considered**

# Not every **asset** has the same risk profile



IT Assets



DataCenter



IoT



Cloud Assets



Workload



Application

## Example risk factors to consider regarding vulnerable systems

- Is it part of your flagship product line or a skunkworks project?
- Is it subjected to HIPAA or PCI or other regulation?
- Does it store or process PII?
- Is it internet facing?

**Without context, you'll never know your real risk**

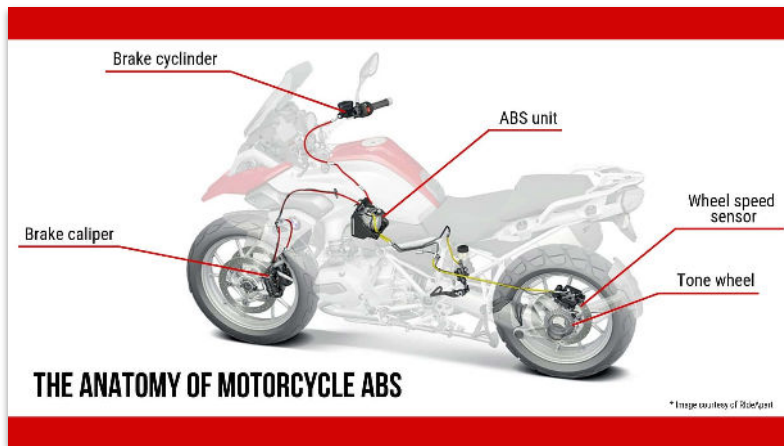


# Not every **motorcycle** has the same risk profile

## 5 High-Tech Ways Motorcycles Are Getting Safer

1. Anti-lock braking systems
2. Adaptive headlights
3. Electronic tire pressure monitors
4. Automatic clutch and shift
5. Vehicle-to-vehicle communication

Source: Geico



**The risk context of the bike must be considered**



# Not every **vulnerability** has the same risk profile

## Example risk factors to consider regarding vulnerabilities

- Has the vulnerability been exploited?
- Are you correlating the vulnerability with your threat intelligence feeds?
- Are compensating controls in place like network segmentation or multi-factor authentication?



**CVSS alone isn't enough. You must add personalization for effective risk scoring.**

**How do you know  
which vulnerabilities  
pose the greatest risk  
to your business?**



**Scanners.  
Threat intelligence.  
Spreadsheets.  
My gut instinct.**



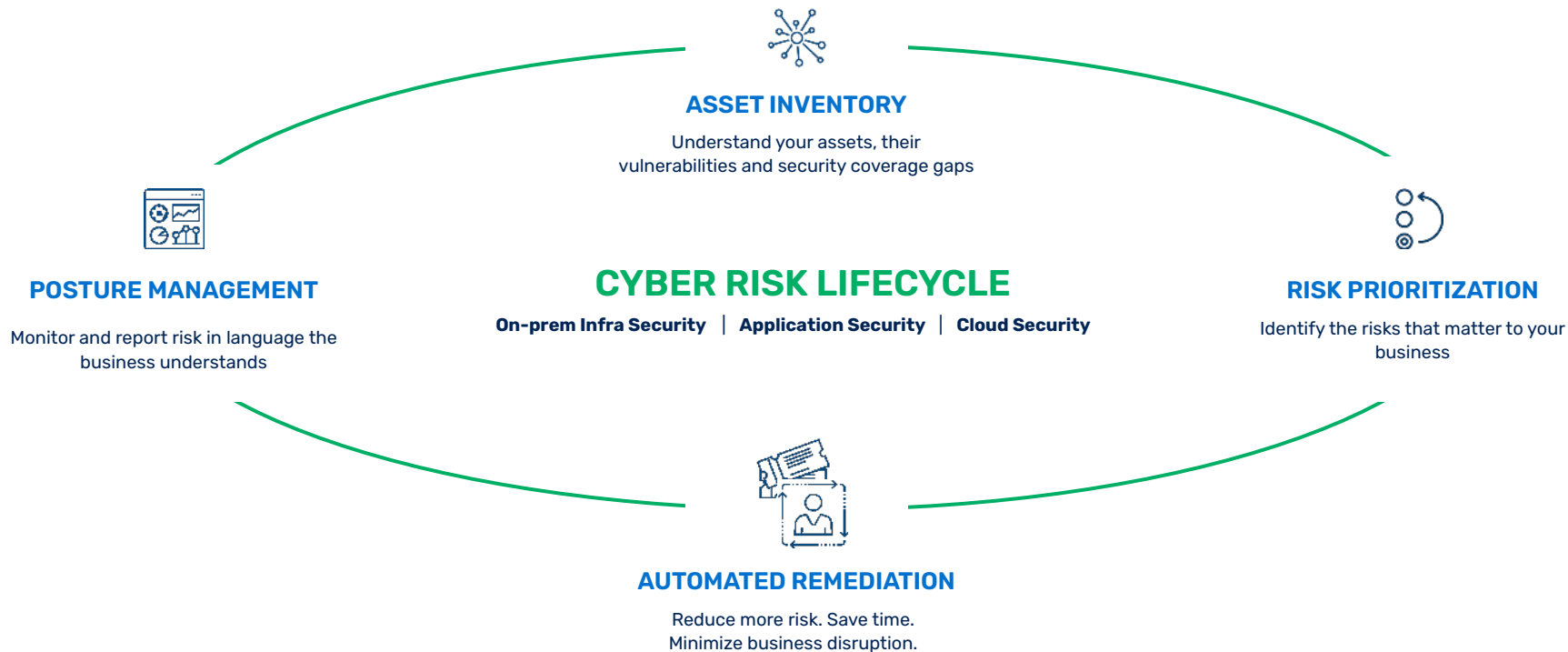
**Why don't you just use  
a risk-based approach?**



# Sometimes Motorcycles Race on Tracks



# Similarly, Security Teams Follow a Process



# Proactive vs Reactive Motorcycle Risk Management

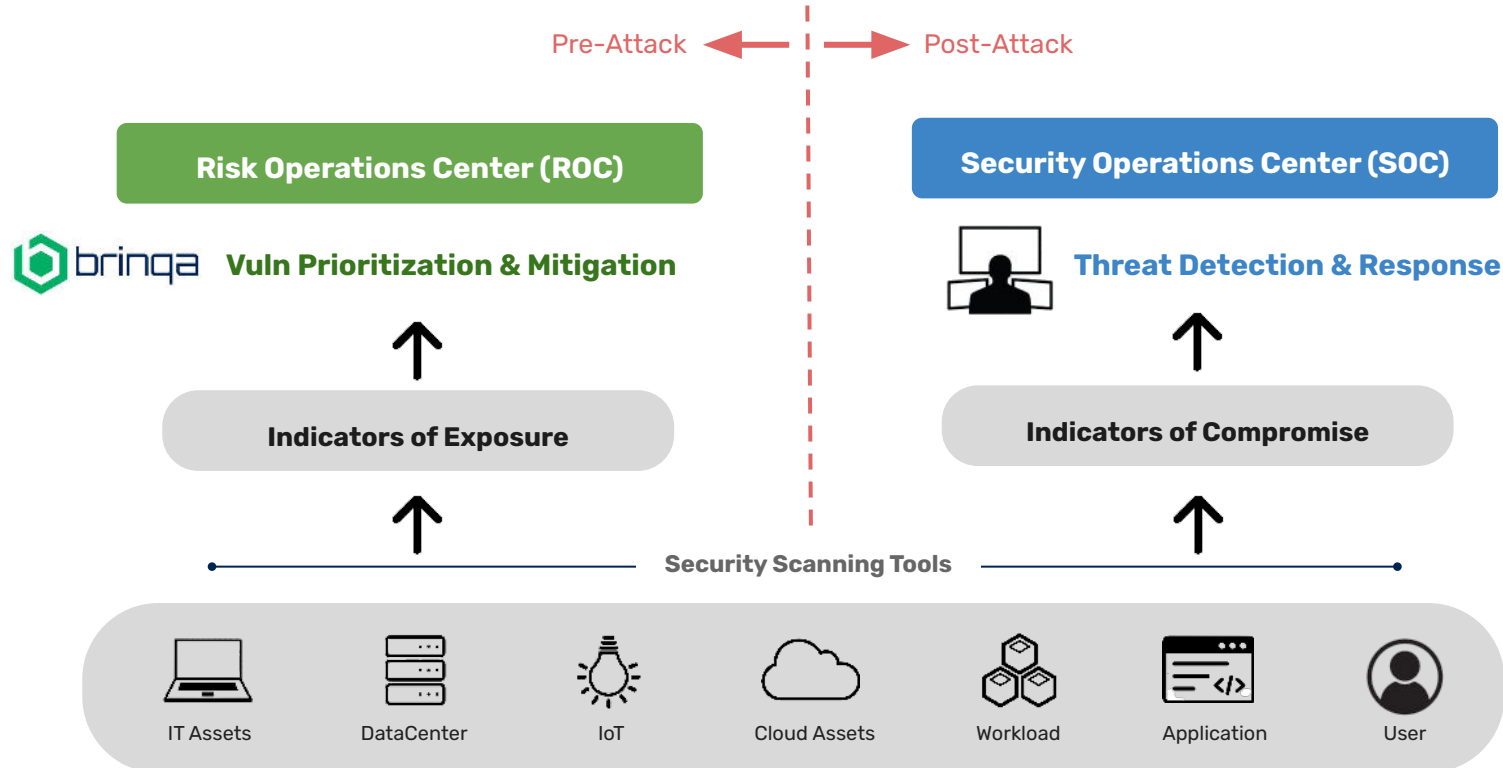


Practicing good driving habits  
and obeying traffic laws.



Relying on air-bag clothing to  
respond to an accident.

# Be More Proactive With a Risk Operations Center (ROC)



Enhanced efficiency. Reduced risk. Less business disruption.  
Increased credibility. Better-informed decision-making.





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risk-based vulnerability  
management looks like.**

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