

Automated Security Validation

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About me:

- 42 years old
- 10 years IT Security
- Business Development for Pentesting Services

The current challenges

Vulnerability-Centric Security is **Failing**



15,000+

New vulnerabilities discovered yearly

>5%

Have an exploit and were actively exploited by attackers

~1%

Number of security vulnerabilities actively exploited by Ransomware groups

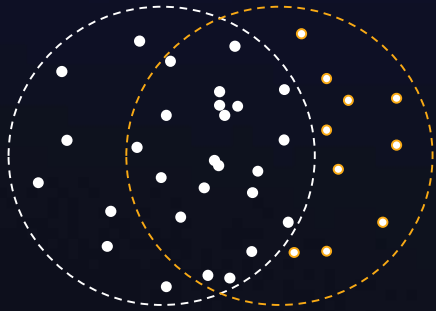
CVSS PRIORITY: 5.5

Key Challenges

Where do you start? Which one do you focus on first? Which impacts you the most?

VISIBILITY GAP

What Organizations Know



What Attackers See

PRIORITIZATION GAP

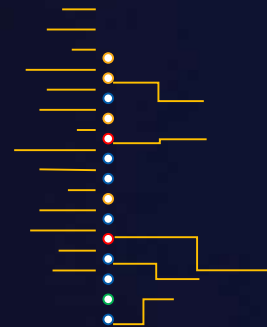
False Remediation
Prioritization (CVSS)



What Attackers Exploit

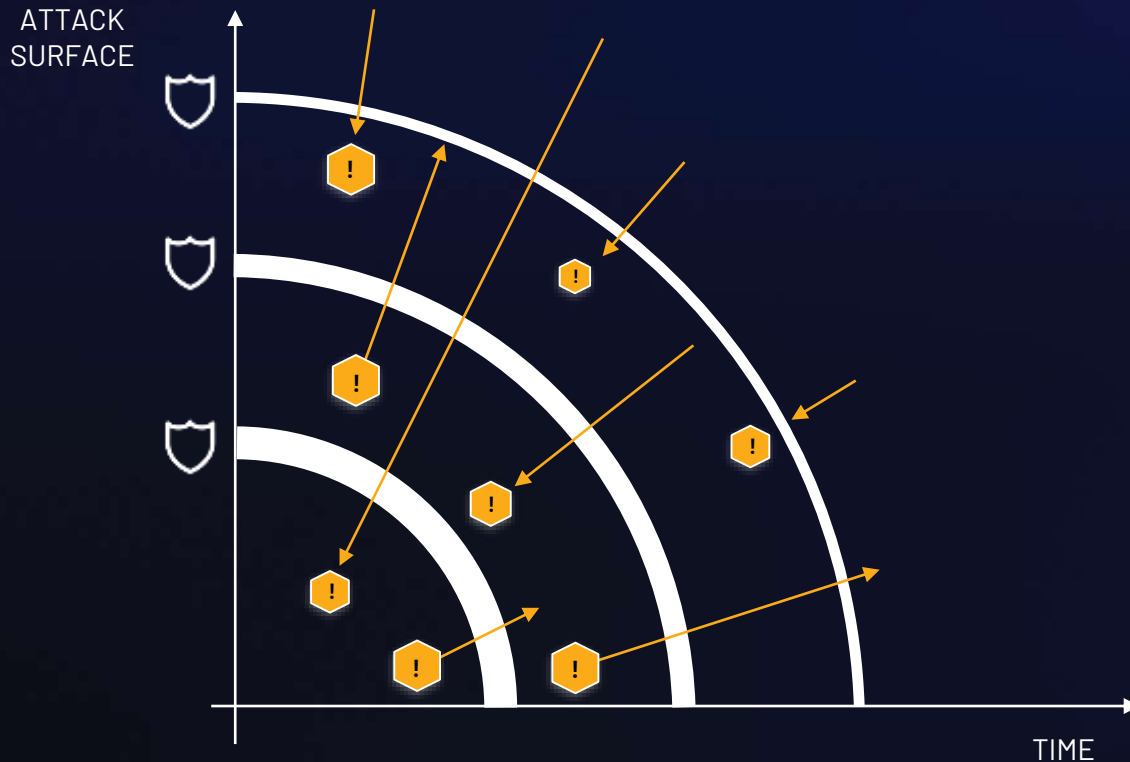
VALIDATION GAP

Vulnerability Confirmed



Impact Confirmed

Inability to assure continuous security efficacy Against a growing attack surface



- + Assets
- + Vulnerabilities & Exposures
- + Attack Surface
- + Security Controls
- + Threat Landscape

? Security Efficacy & Cyber Risk

We perform
penetration test
or red teaming
activities



**POINT-IN-TIME
SNAPSHOT**

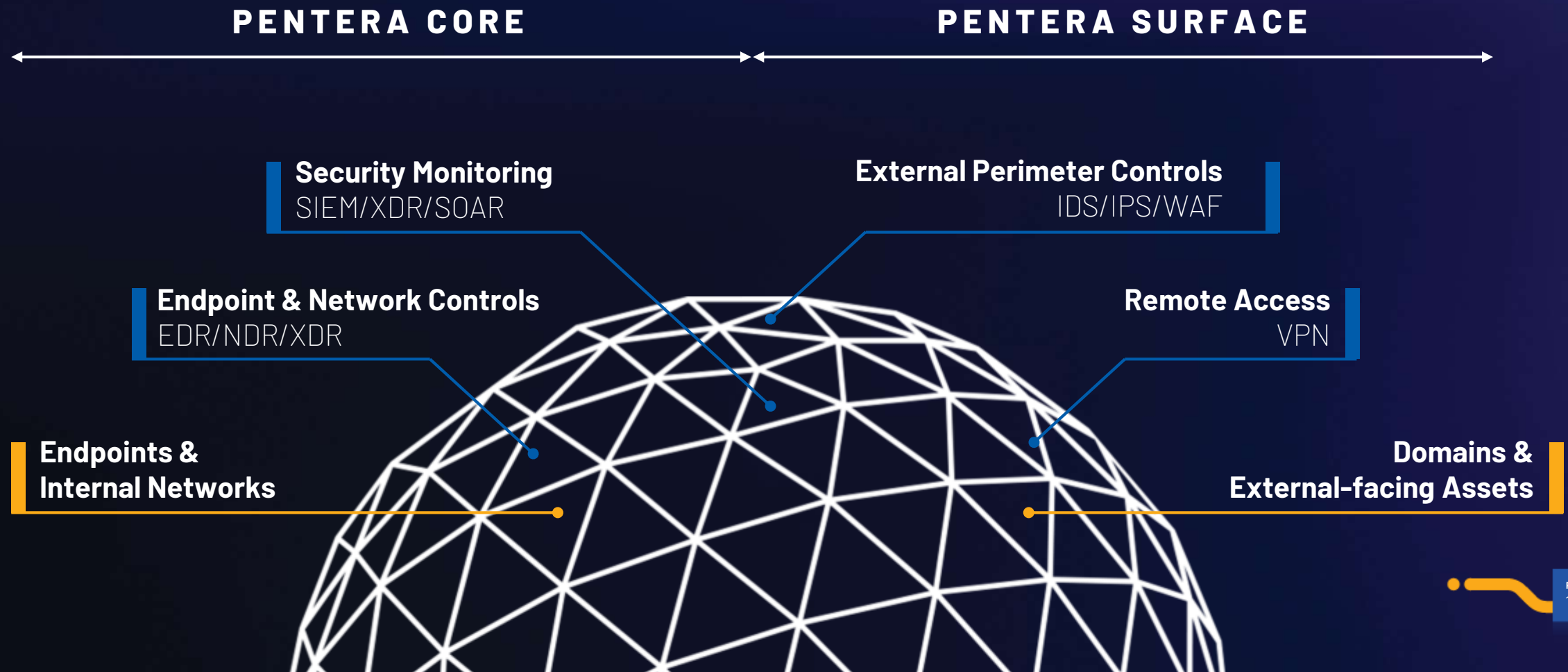


Or, we buy a lot of tools

**“THE
I HAVE _____
SO WE ARE SAFE
SYNDROME”**



Do Your Cyber Defenses Truly Work Today Against The Latest Threats?

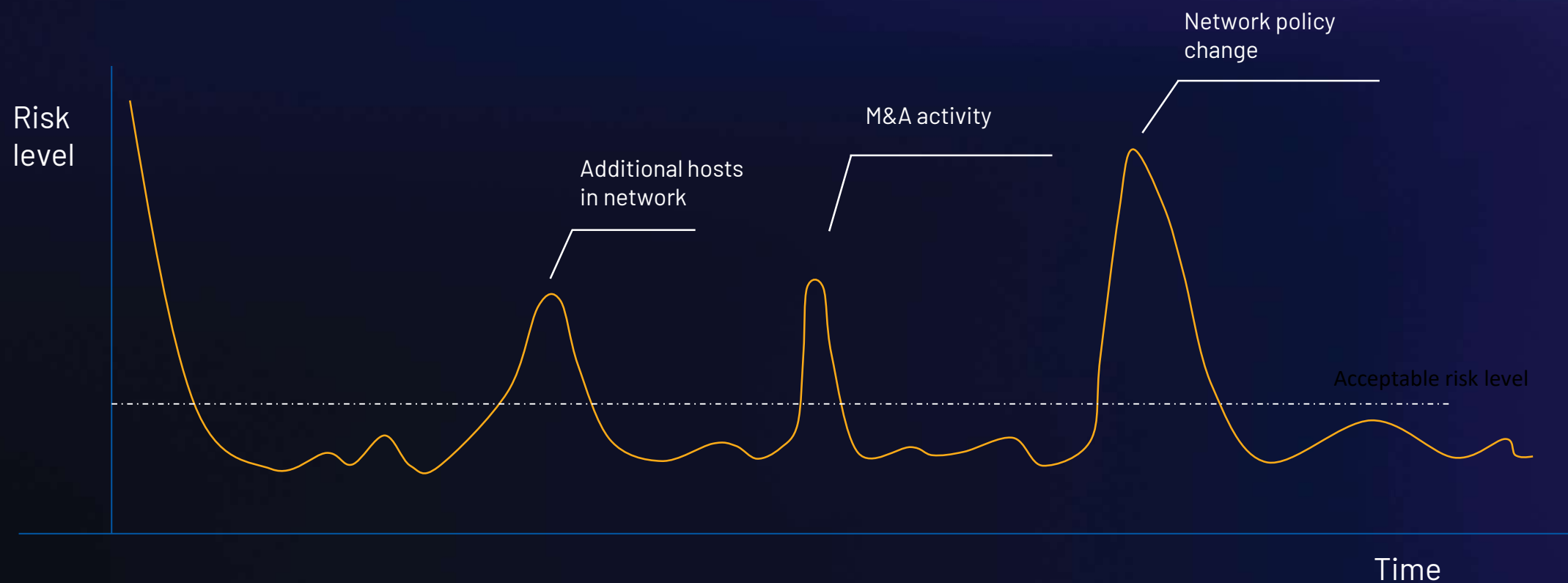


How confident are you – with the question **am I ready?**



Unfortunately,
**assumptions are
different from reality.**

Still unable to assure the security efficacy 24/7



I'm here to tell you about a new way
to validate your cybersecurity

A safe way to test
your Attack Surface
**continuously and
automatically**



With safe real-life
Attacker tactics
& techniques

Why Pentera **Automated Security Validation**



Validate security program (not just controls)

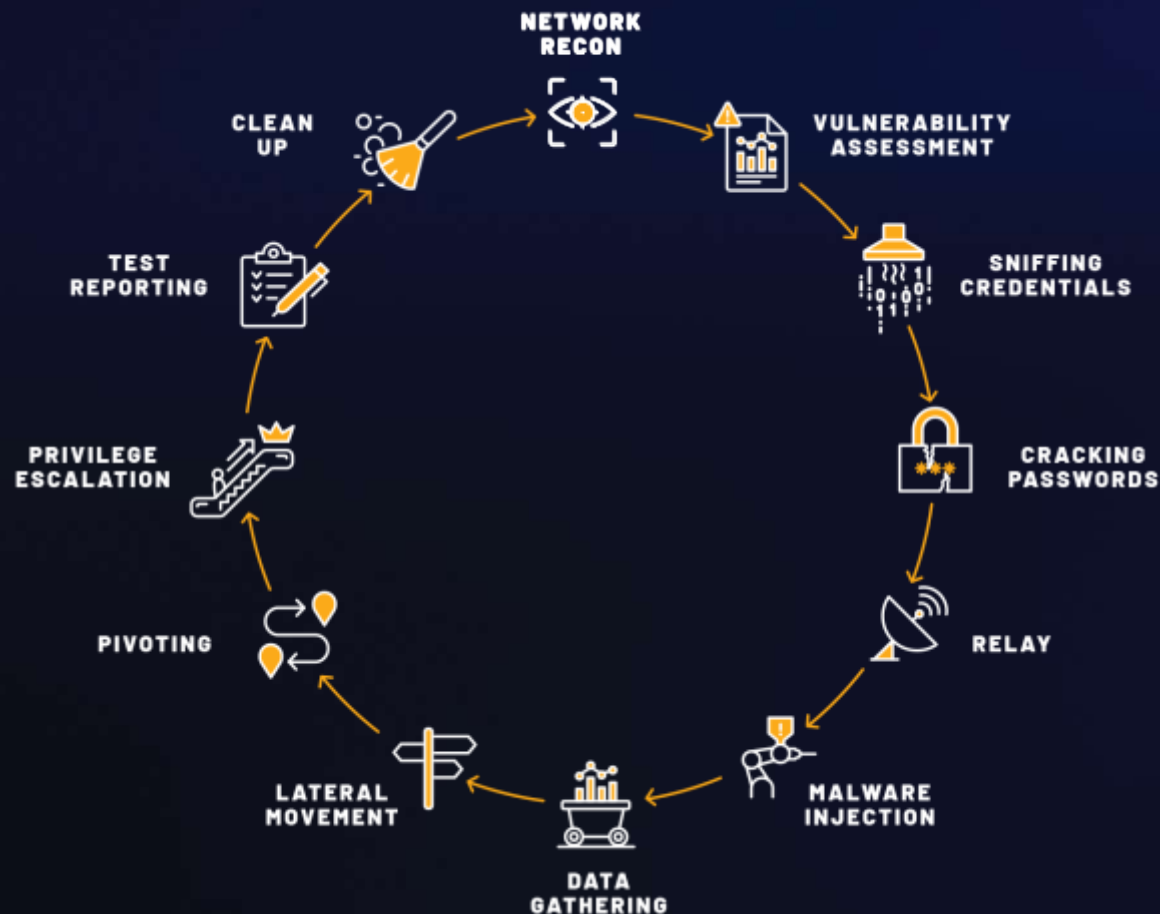
- Agentless assets discovery
- Expose vulnerabilities
- Safe-by-design exploitation
- True-risk prioritization
- Guided remediation

Complete attack operation

From discovery to remediation

- Reduce time-to-remediate
- Understand true risk & impact
- Identify and block the attacker next step

First, we had only Pentera Core



AGENTLESS
REAL
SAFE
AUTONOMOUS
COMPREHENSIVE

Agentless Network **plug & play**

No simulation. Ethical exploits

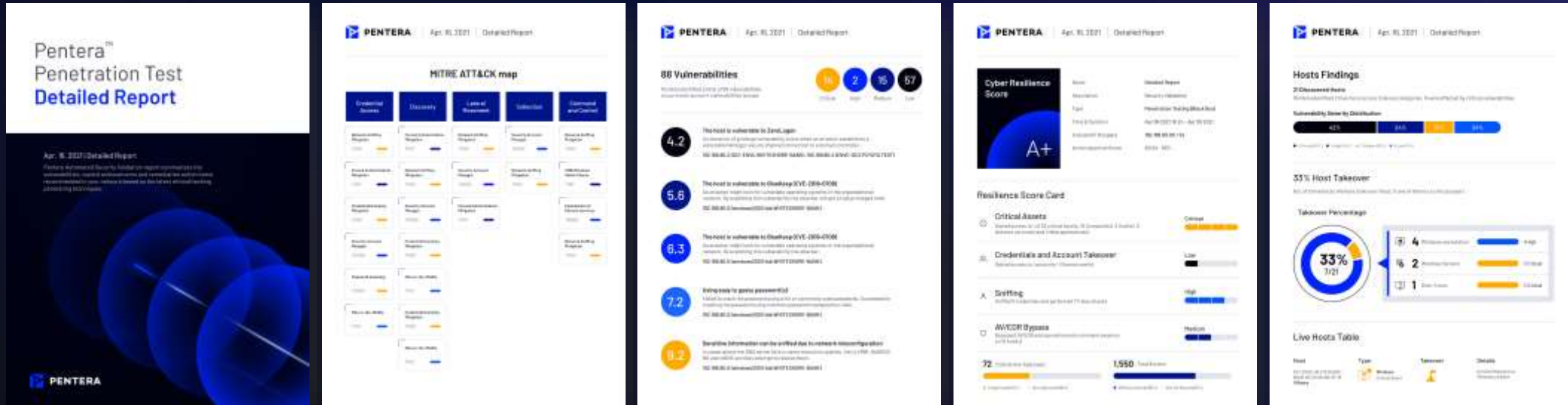
Measure attack readiness
with minimum false positives



Safe & controlled security validation

#Do-No-Harm

Instant & actionable **Report**



Attack for ATT&CK

Validate security control efficacy by using the same tactics and techniques adversaries do

Trusted worldwide

2015
Founded

>250
Employees

\$190M
Funding



Blackstone

INSIGHT
PARTNERS



evo/ution
EQUITY PARTNERS

19
Verticals



Cybersecurity & MSSP
16%



Finance
13%



Healthcare & Pharma
11%



Business & Consulting
9%

45
Countries



>600
Customers

TOYOTA

NHS

zehnder

CITY NATIONAL BANK
AN SEC COMPANY

altice

ALTERRA
MOUNTAIN COMPANY

NTT

DTCC

GAP

SKANSKA

JANSEN

City of
Vienna

ADD|SECURE

IP Telecom

DRAWBRIDGE

exabeam

CYBERARK

NEC

Blackstone

BNP PARIBAS

CAT

IDB BANK

BUCHER

APRIA
HEALTHCARE



For a demo or more information,
come visit us at booth 7-231 (Hall 7)