SecurityScorecard

CISOs are from Mars, Board Members are from Venus

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Confidential

GUARDBYTE SecurityScorecard

What are the odds?

Being eaten by a shark

1 in
4,332,817

Getting struck by lightning

1 in
1,107,143

Experiencing a data breach

1 in
4

With the acceleration of digital transformation, the world is more connected than ever

Technology Drives All Businesses

72%

of organization are defaulting to cloud-based services, with 48% of large enterprises using IoT

Cloud Computing Study, 2022
Use of IoT Study, 2019

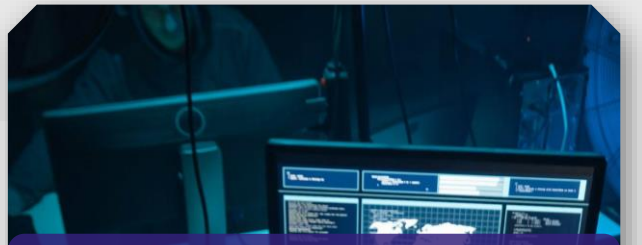
Third Party Reliance is Increasing

583

average number of third parties that organizations share sensitive or critical information with

GRI Impact Study

Successful Attacks are Getting Easier



$1m

per month can be earned by buying a full cyber campaign for a few thousand dollars

Deloitte

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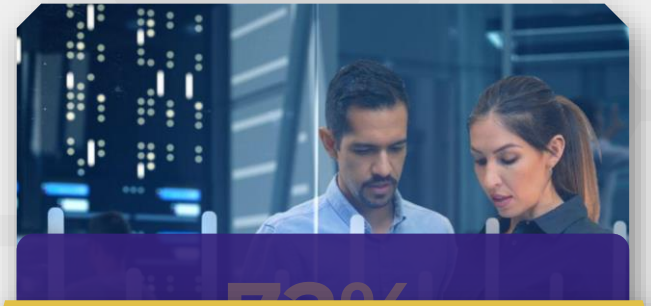
...and increasingly difficult to secure.

Technology Drives All Businesses



Complex Environments

Third Party Reliance is Increasing

Vast Amounts of Risk

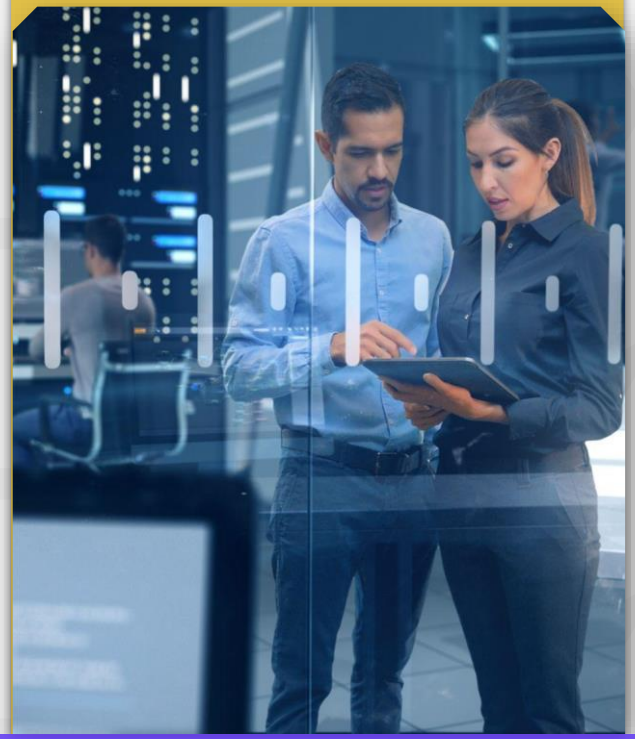
Successful Attacks are Getting Easier

Sophisticated Adversaries

Understanding your security is not enough.

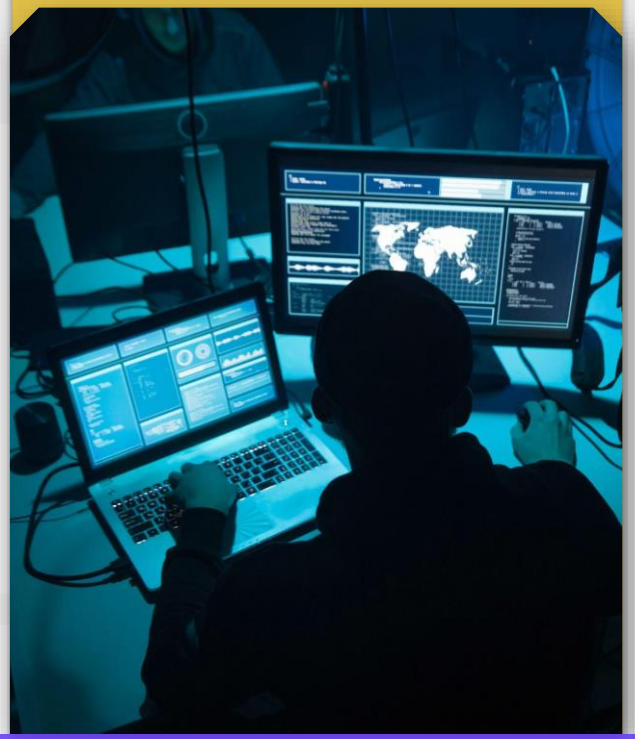
Organizations need a simple way to...

Measure Security Risk



Understand the Security of all Third Parties

Improve Security and Eliminate Risk



2023 Cyber Market Conditions

The Cyber market has hardened.

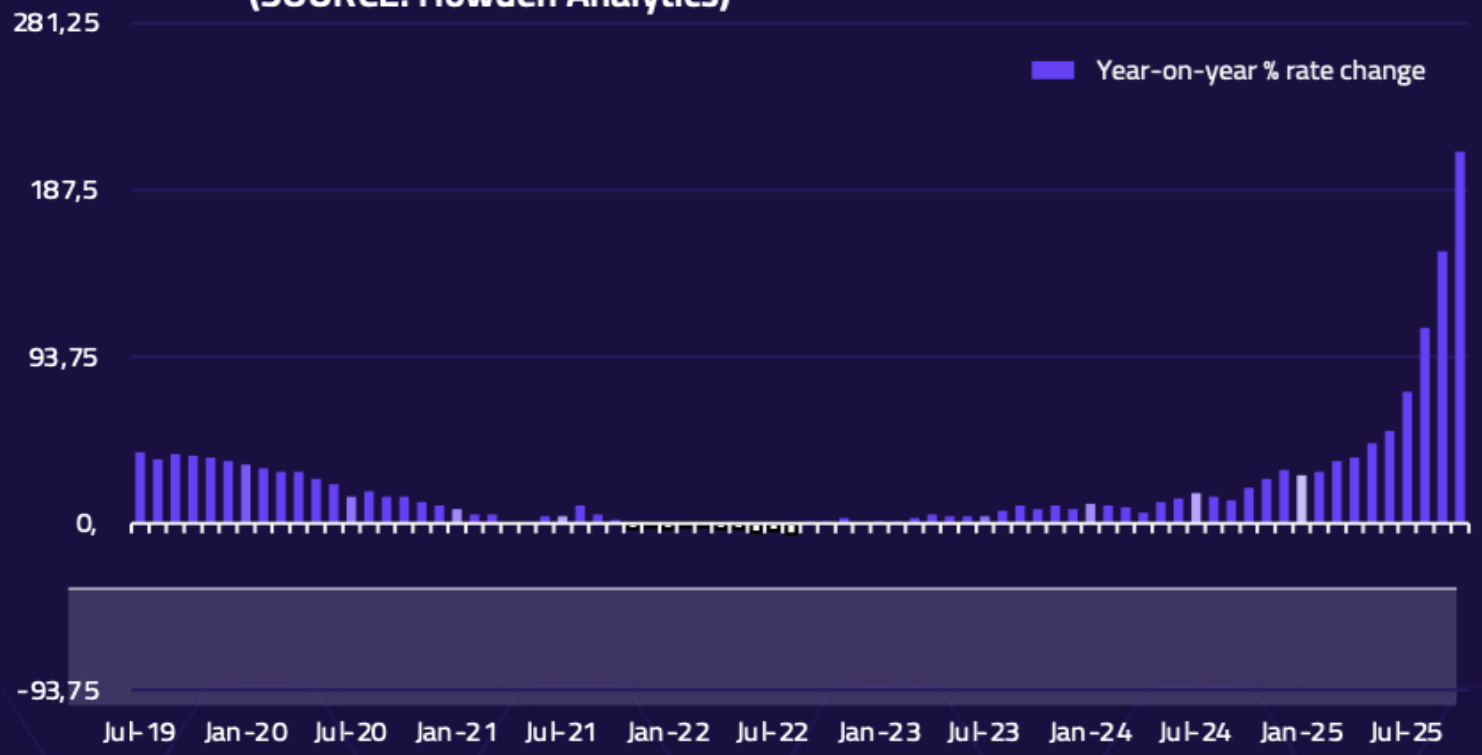
Driven by an increase in frequency and severity of attacks, and further fuelled by an ever-evolving risk landscape

Challenges

- Highly dynamic risk landscape
- Increasing cost of claims
- Increased complexity of incidents
- Capital shortages
- Legal and Regulatory scrutiny

Global Cyber insurance rate increases – Jul-15 to Sep-22

(SOURCE: Howden Analytics)



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Your Security posture is *average* for your industry.

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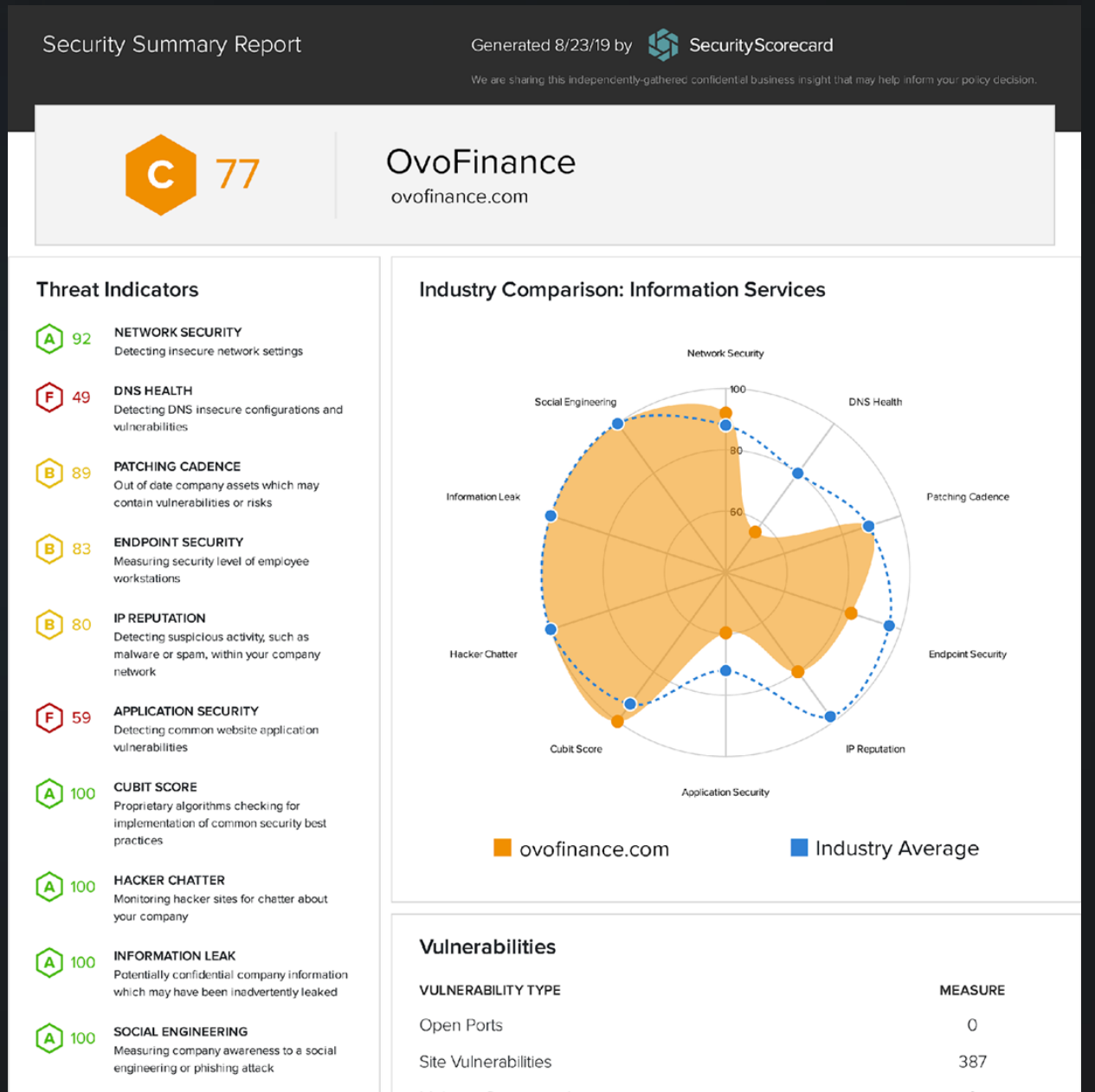
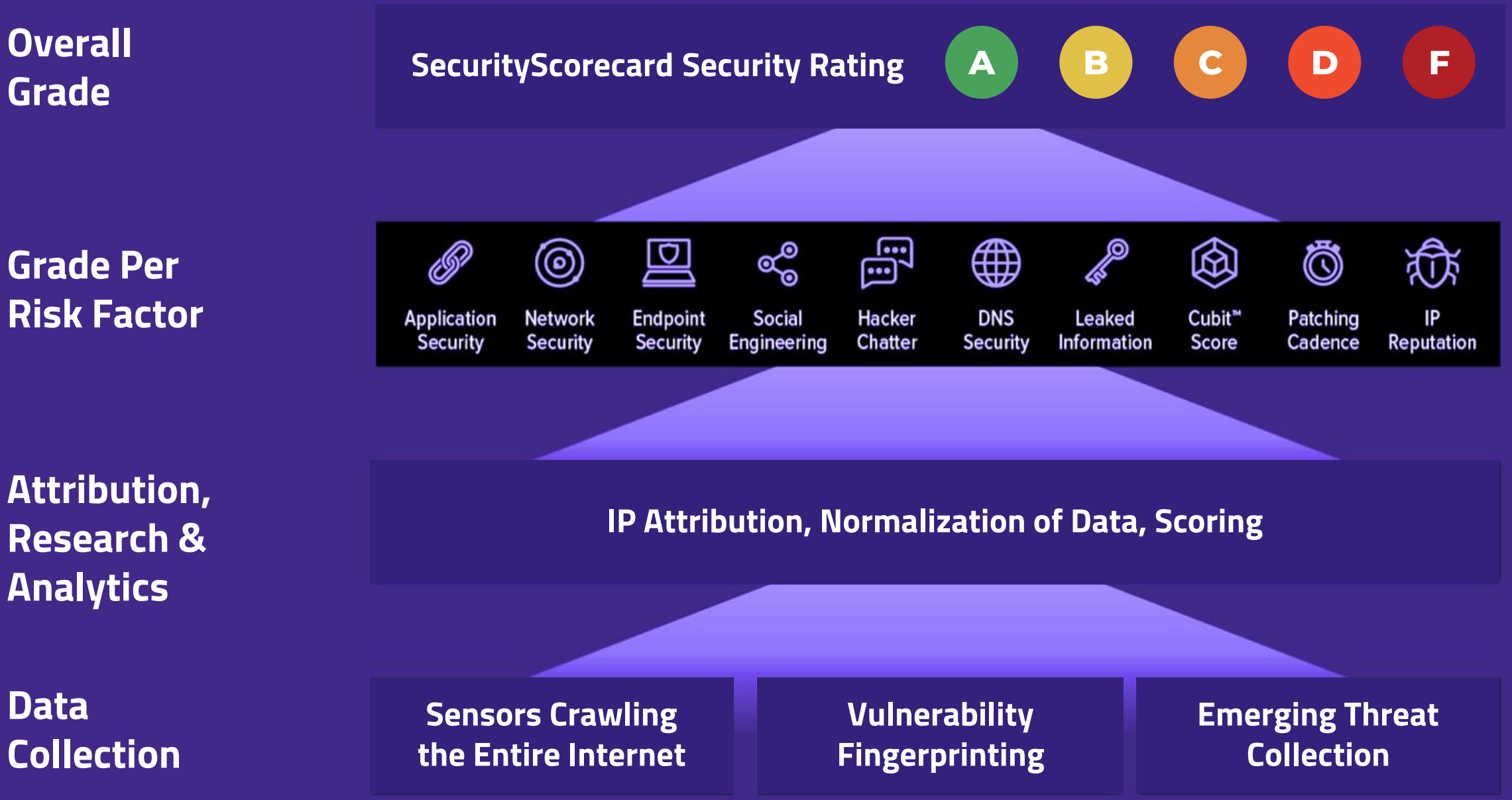
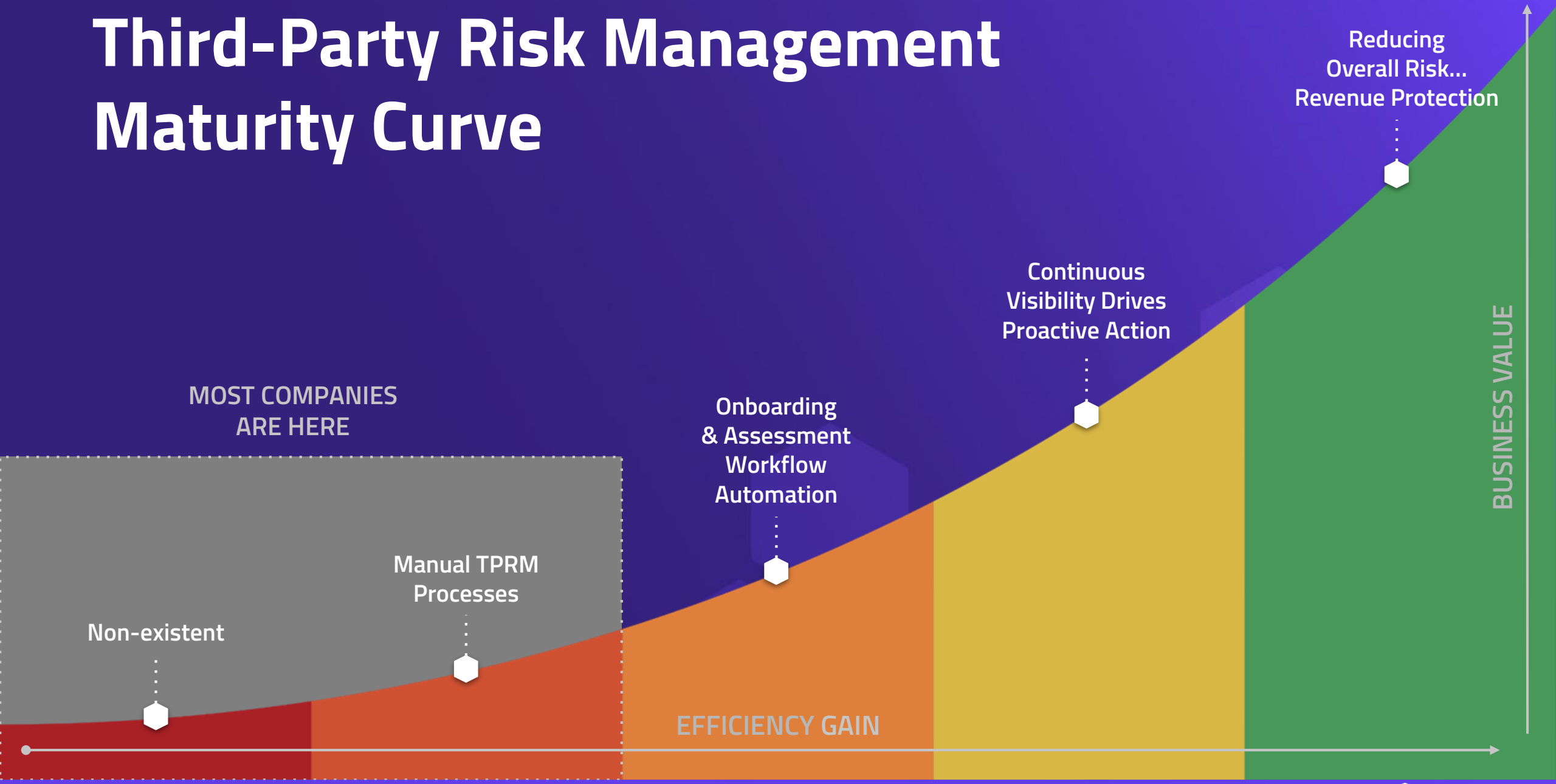
OvoFinance
Finance
ovofinance.com




Overall Grade
SecurityScorecard Security Rating
A
B
C
D
F
Grade Per Risk Factor
Application Security
Network Security
Endpoint Security
Social Engineering
Hacker Chatter
DNS Security
Leaked Information
Cubit™ Score
Patching Cadence
IP Reputation
Attribution, Research & Analytics
IP Attribution, Normalization of Data, Scoring
Data Collection
Sensors Crawling the Entire Internet
Vulnerability Fingerprinting
Emerging Threat Collection

Third-Party Risk Management Maturity Curve



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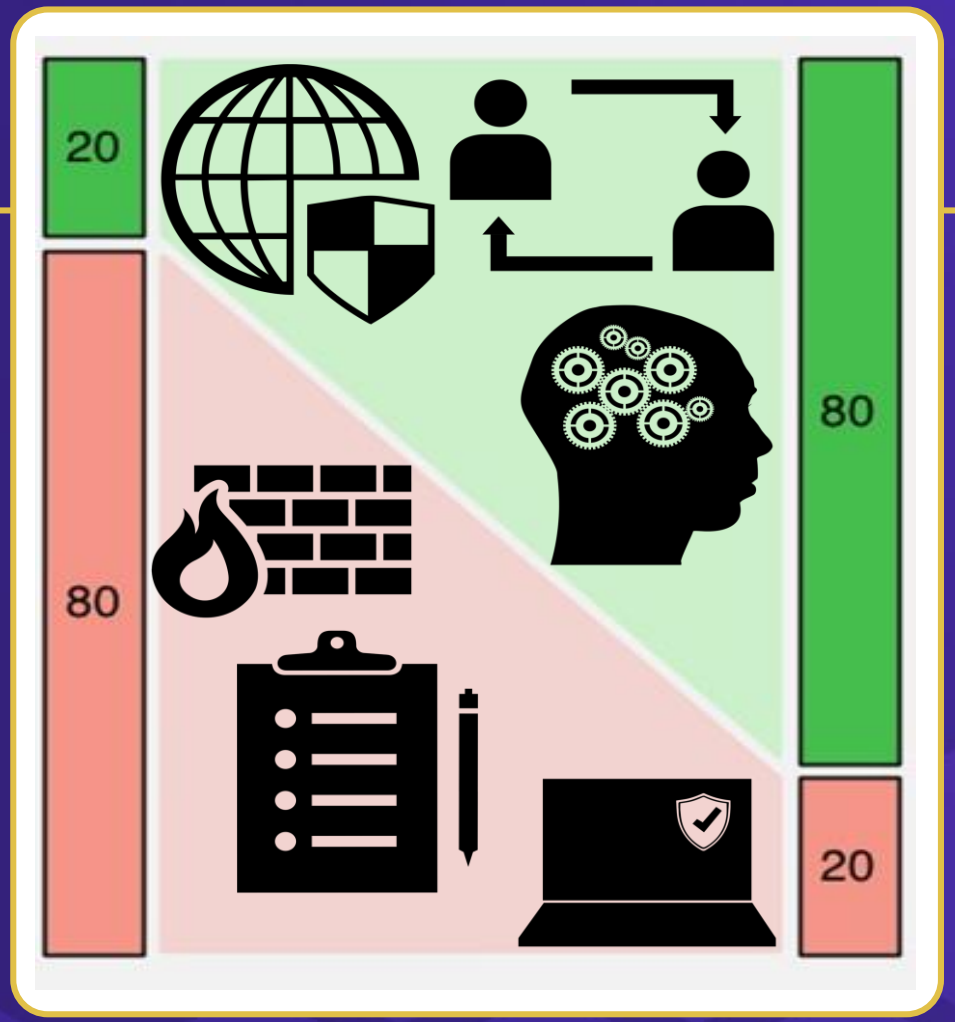
Why are we spending more money but our cyber risk problem is only getting worse?

80/20 Problem of Security Budgets

Budget

TRADITIONAL TOOLSET

- Legacy
- Regulatory compliance
- Point-in-time, fragmented analysis
- Detect < 5% of threats



Results

SECURITY 2.0 TOOLSET

- Information sharing
- Security ratings
- Real-time threat intelligence
- Hackers-view
- Machine learning
- Security 2.0 Toolset

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What to do?

I have spoken to dozens of CISOs, CIOs, and analysts.
A few trends came up in conversations so far:

1. Automation : how do you make all tools better talk to each other

2. AI/ML : turn mountains of raw data into actionable 1-2 insights.

3. Risk quantification: How do you measure KPIs on your security program and communicate to the Board?

5 Key Areas to Prioritize in Cyber Security Now

Optimize and automate business ecosystem risk

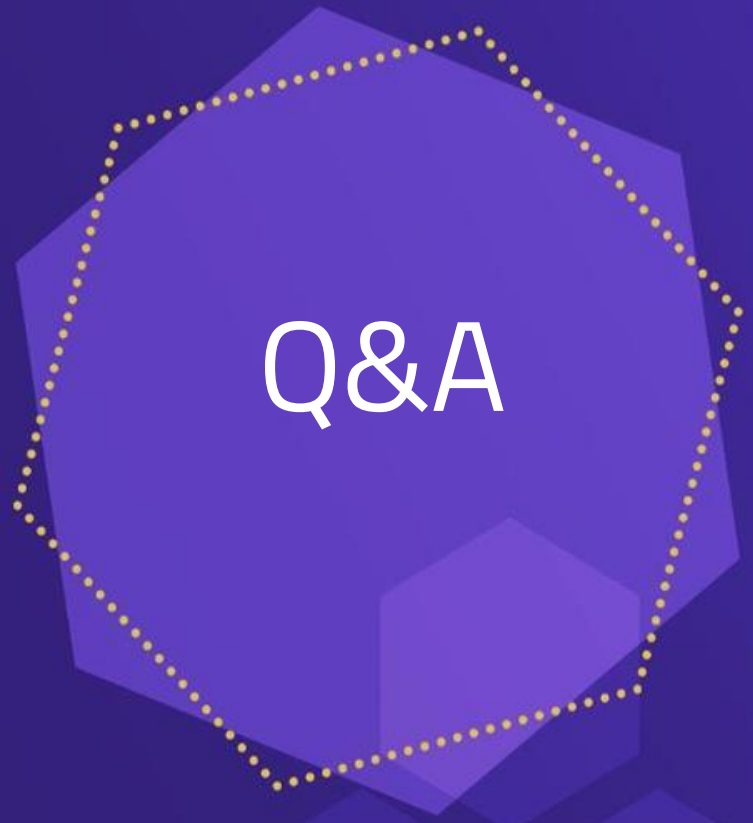
Consolidate and integrate vendor risk data into your security stack for deeper insights

Set key performance indicators (KPIs), track ROI, and communicate to stakeholders

Ruthlessly prioritize to keep your organization secure

Make your organization the vendor of choice

Thank You!



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