Enabling Resilience: Intelligence as a Catalyst

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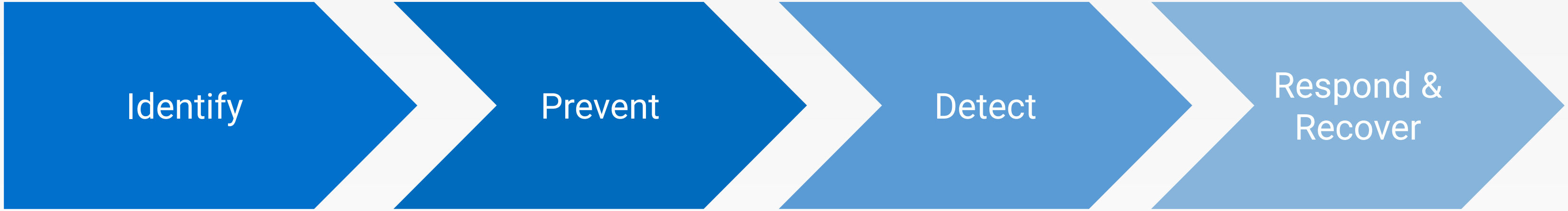
"

Resilience is the corporate immune system

- with the right combination of human insight, data, technology and analytics, opportunities are better understood and decisions taken confidently. Get this right and you can gain competitive advantage to weather disruption, move faster, enhance your reputation, and build trust."

Bobbie Ramsden-Knowles, Partner, Crisis and Resilience, PWC

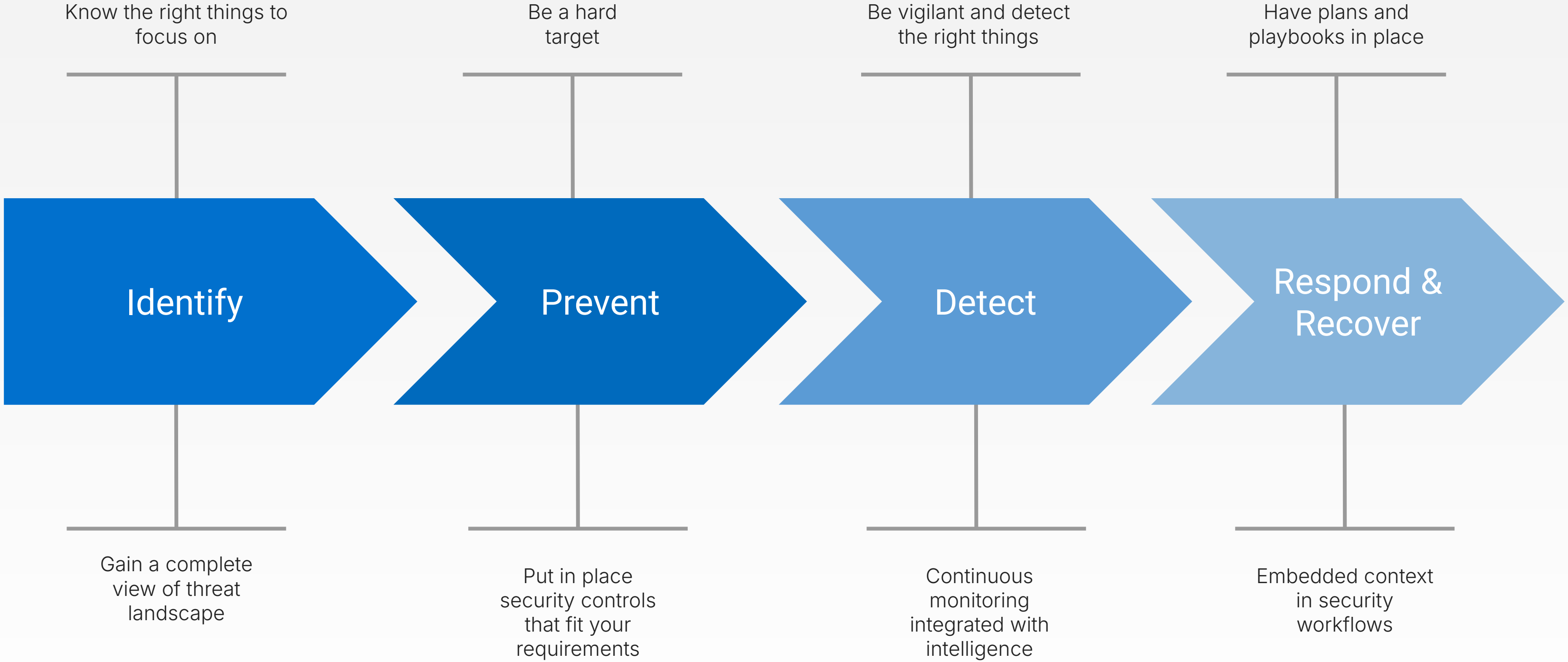


Identify

Prevent

Detect

Respond & Recover



Identify

Know the right things to focus on

Gain a complete view of threat landscape

Prevent

Be a hard target

Put in place security controls that fit your requirements

Detect

Be vigilant and detect the right things

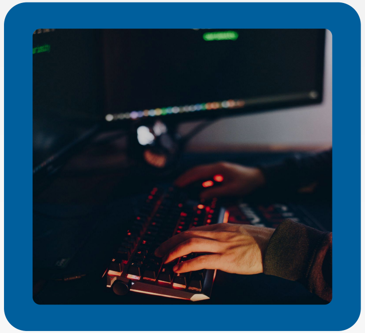
Continuous monitoring integrated with intelligence

Respond & Recover

Have plans and playbooks in place

Embedded context in security workflows

Sophisticated Threat Landscape

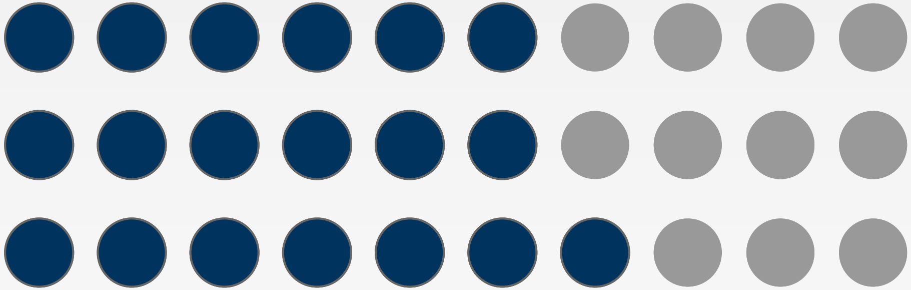


Complexity of Modern Business Ecosystems

Trapped in Reactive Mode

76%

of organizations have experienced a cyberattack due to an unknown or poorly managed asset

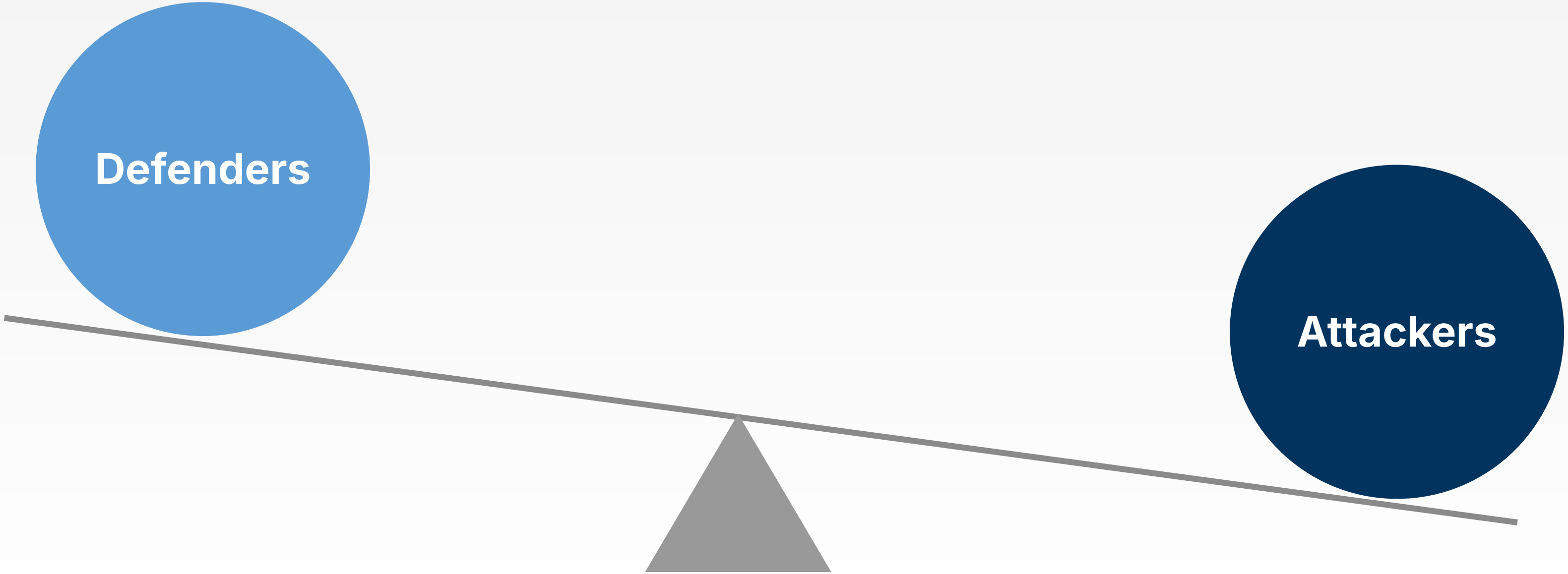


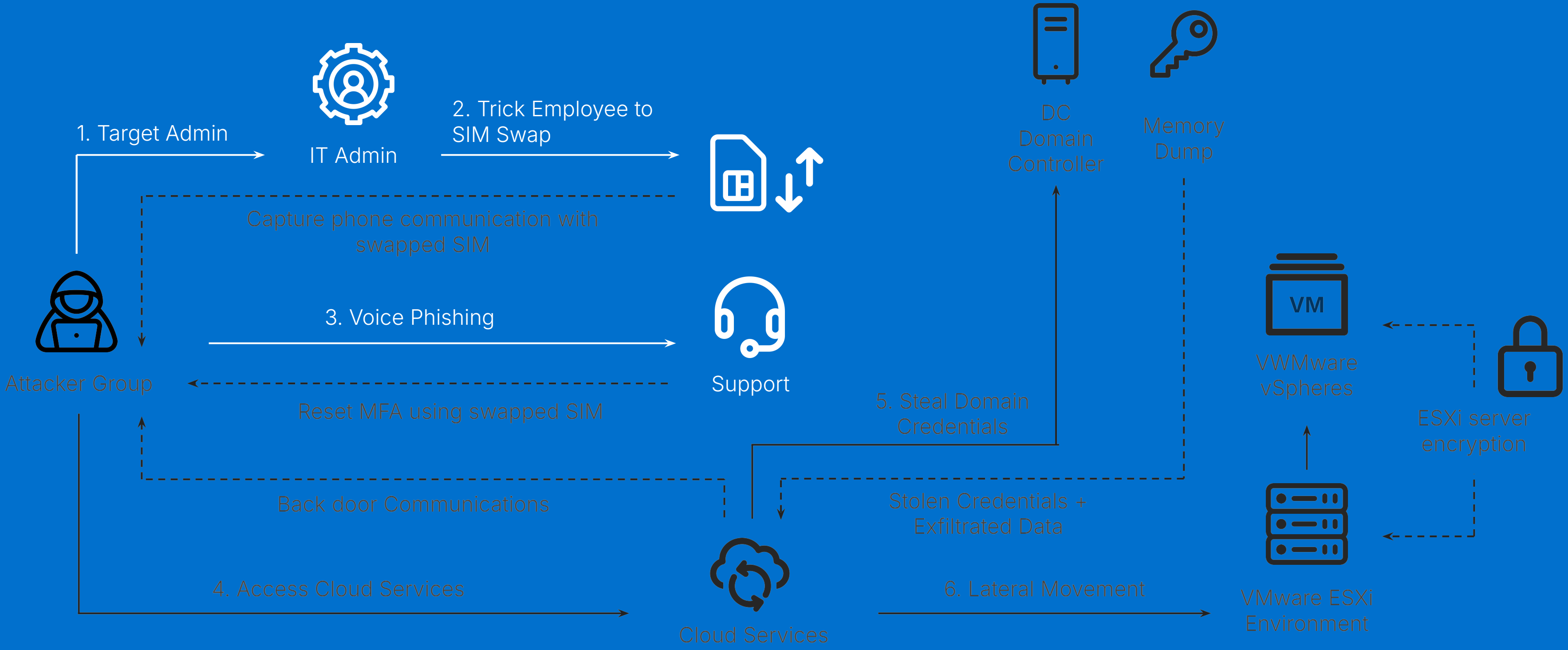
18%

The average enterprise attack surface grows by 18% per year

56%

of respondents to a WEF survey believe that in the next 2 years GenAI will provide an advantage to attackers over defenders





1. Target Admin

IT Admin

2. Trick Employee to SIM Swap

Capture phone communication with swapped SIM

Attacker Group

3. Voice Phishing

Support

Reset MFA using swapped SIM

Back door Communications

4. Access Cloud Services

Cloud Services

DC Domain Controller

Memory Dump

5. Steal Domain Credentials

Stolen Credentials + Exfiltrated Data

6. Lateral Movement

VWMware vSpheres

ESXi server encryption

VMware ESXi Environment

~100M in lost revenue due to operational disruption

$10M in cleanup fees

More than 36 hours of IT downtime

Significant customer service impact (access to rooms, elevators, kiosks, gaming consoles, etc)

Potential increase in cyber insurance premium

Complexity of Modern Business Ecosystems

2x

software supply chain attacks vs. previous years

64%

Of executives have an inadequate understanding of supply chain

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Widespread disruption

1-many impact

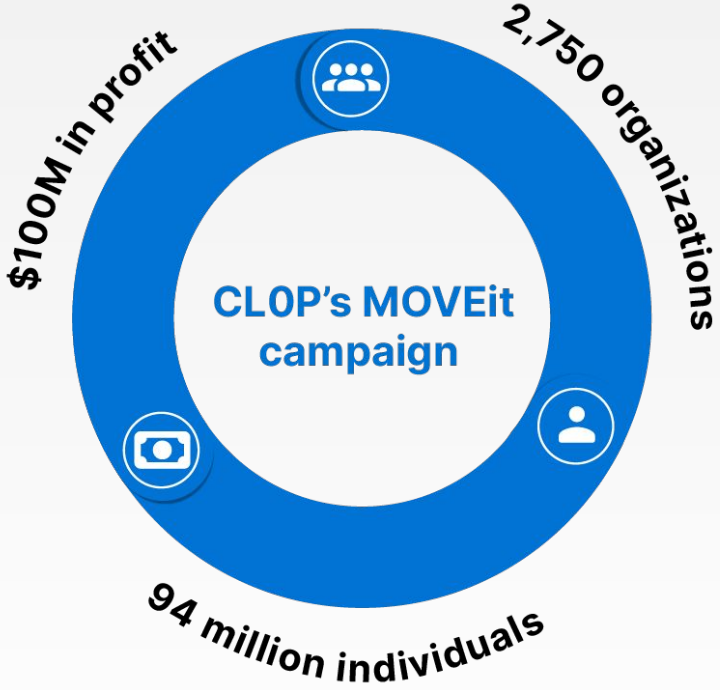
Access to sensitive data

- Progress Software's MOVEit managed file transfer service

- Used to securely transfer large amounts of often-sensitive files

- Hackers injected SQL commands and access sensitive data

- Exploited a 0-day vulnerability



CL0P's MOVEit campaign

$100M in profit

2,750 organizations

94 million individuals

Trapped in Reactive Mode

37%

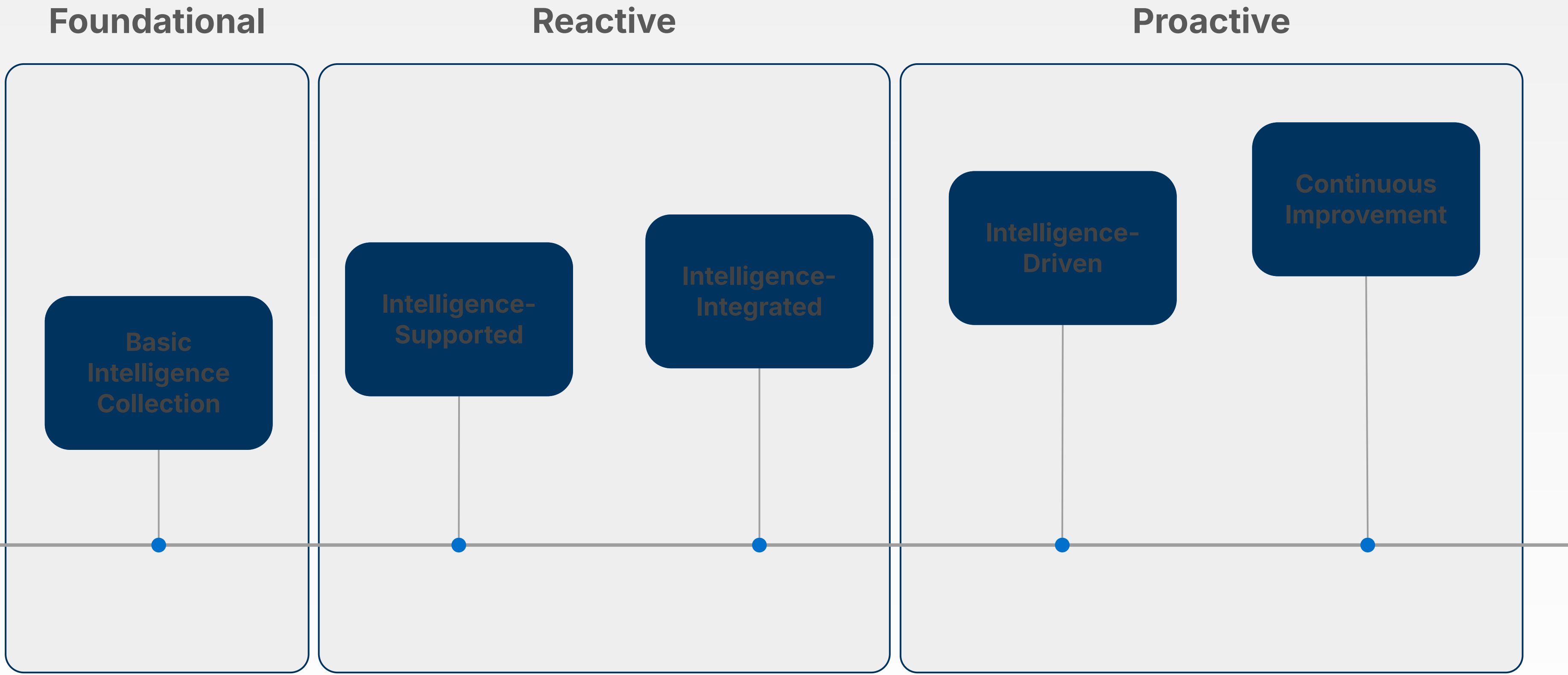
Too much data, not enough information

36%

Time spent on manual tasks

31%

Too many logs and alerts



Foundational

Basic Intelligence Collection

Reactive

Intelligence-Supported

Intelligence-Integrated

Proactive

Intelligence-Driven

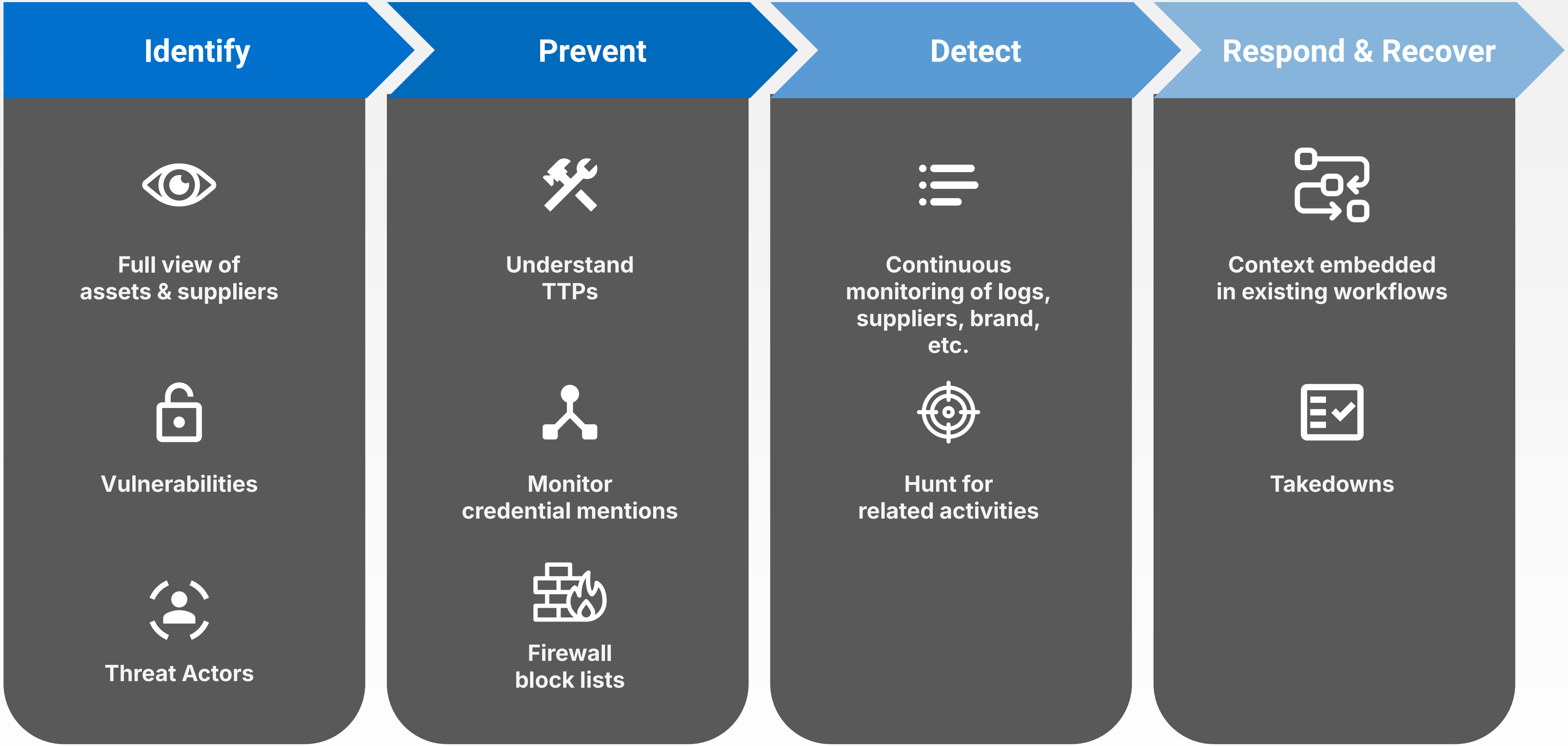
Continuous Improvement

Decrease Risk of Human Errors

Increased Retention and Reduction of Burnout

Allocate Human Resources Effectively

Role of Threat Intelligence



Identify

Full view of assets & suppliers

Vulnerabilities

Threat Actors

Prevent

Understand TTPs

Monitor credential mentions

Firewall block lists

Detect

Continuous monitoring of logs, suppliers, brand, etc.

Hunt for related activities

Respond & Recover

Context embedded in existing workflows

Takedowns

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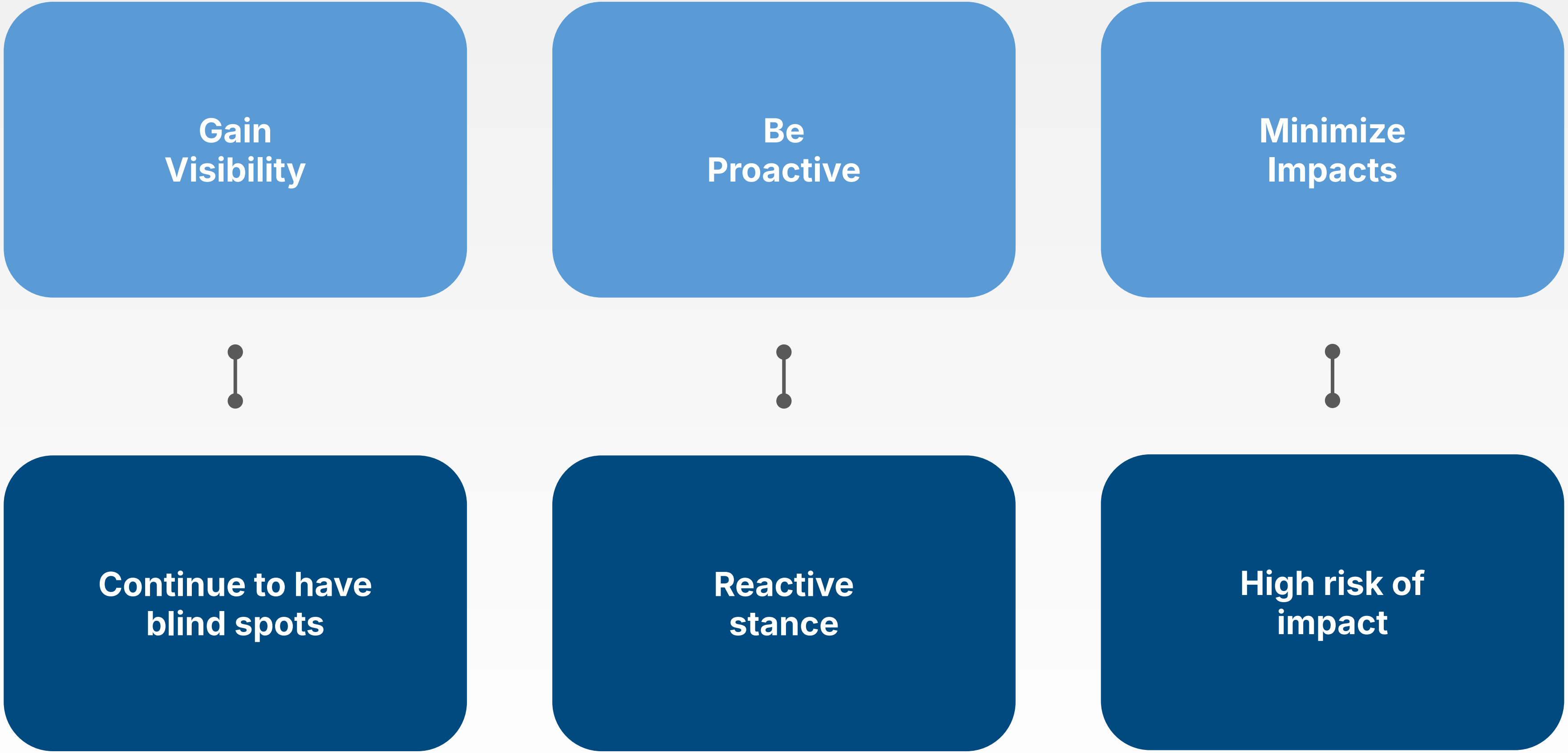

Gain Visibility

Continue to have blind spots

Be Proactive

Reactive stance

Minimize Impacts

High risk of impact

Thank you