Supply Chain Resilience

Enhancing Detection and Response Strategies

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SecurityScorecard

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03 Strengthening Vendor Relationships and Accountability

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Recent Supply Chain Disruptions & Cybersecurity Implications

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Recent Supply Chain Disruptions

Supply Chain Cyber Risks Exceed Most Companies' Ability to Contain Them

Gartner

71% Report their supplier network contains more vendors than it did three years ago

59% Have experienced a data breach due to a vendor or partner

73% Say they have experienced significant disruption caused by a supplier

16% Report they effectively manage supply chain cyber risks

Source: Gartner Third -Party Risk Management Research

Vulnerabilities are the #3 Attack Vector and Fastest Growing

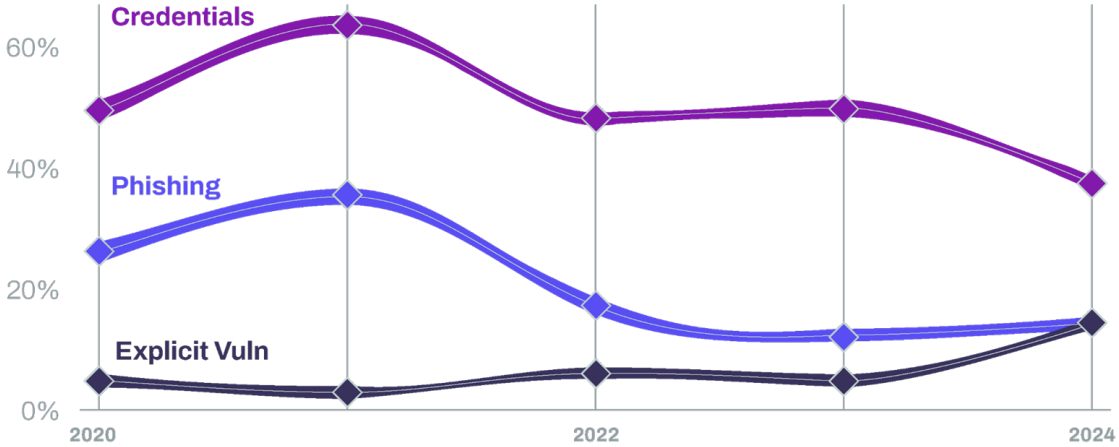

Figure 6. Select ways-in Enumerations in non-Error, non-Misuse breaches over time

Source: Verizon DBIR

Last year we saw an **180% increase in the exploitation of vulnerabilities** as the critical path action to initiate a breach

This includes the MOVEit vulnerability and other zero-day exploits that were leveraged by Ransomware and Extortion-related threat actors

Vulns Dominate Supply Chain Attack Vectors

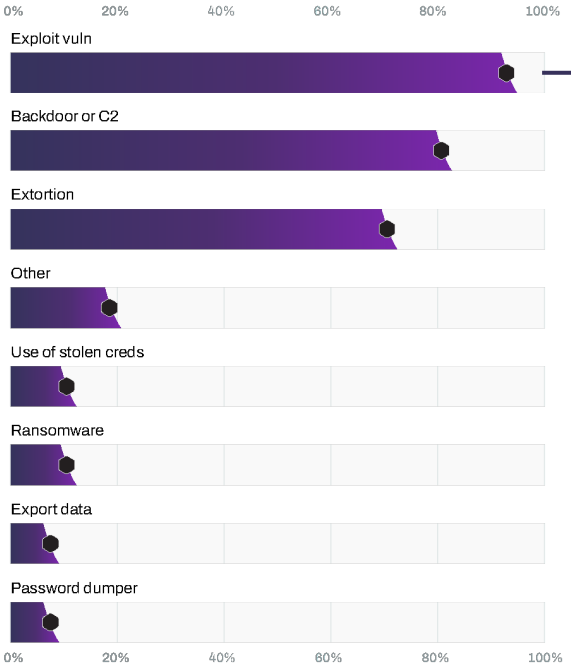

Figure 10. Action varieties in selected supply chain interconnection breaches (n=1,075)

Source: Verizon DBIR

Supply chain breaches are driven by Exploit Vulnerabilities which ushers in Ransomware and Extortion attacks into organizations.

Knowing Your Supply Chain

The Foundation of Supply Chain Detection and Response (SCDR)

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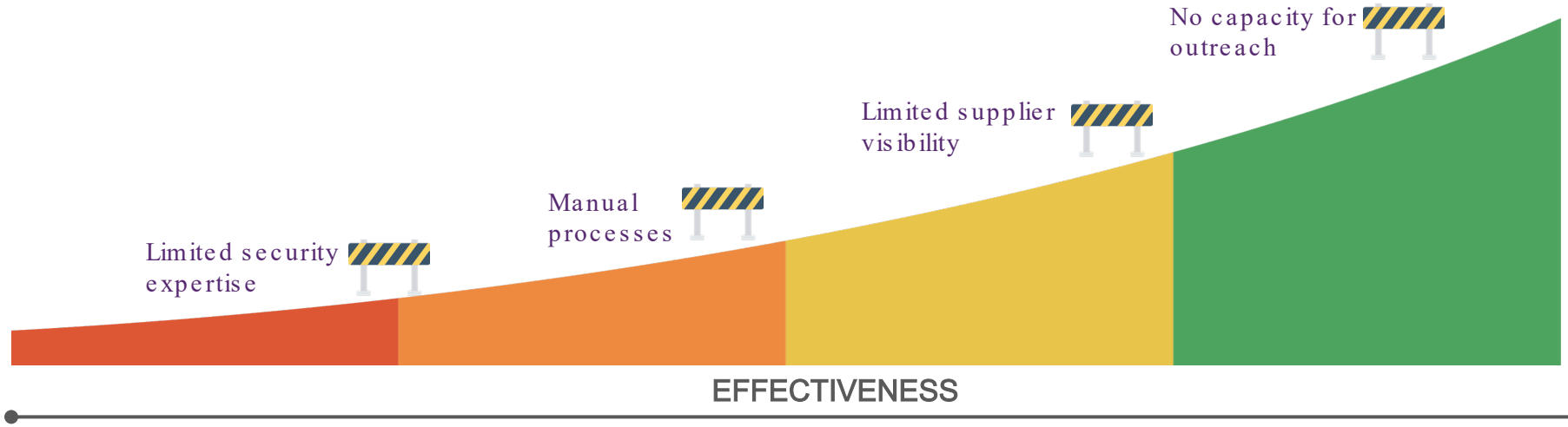
Knowing Your Supply Chain …Not That Simple

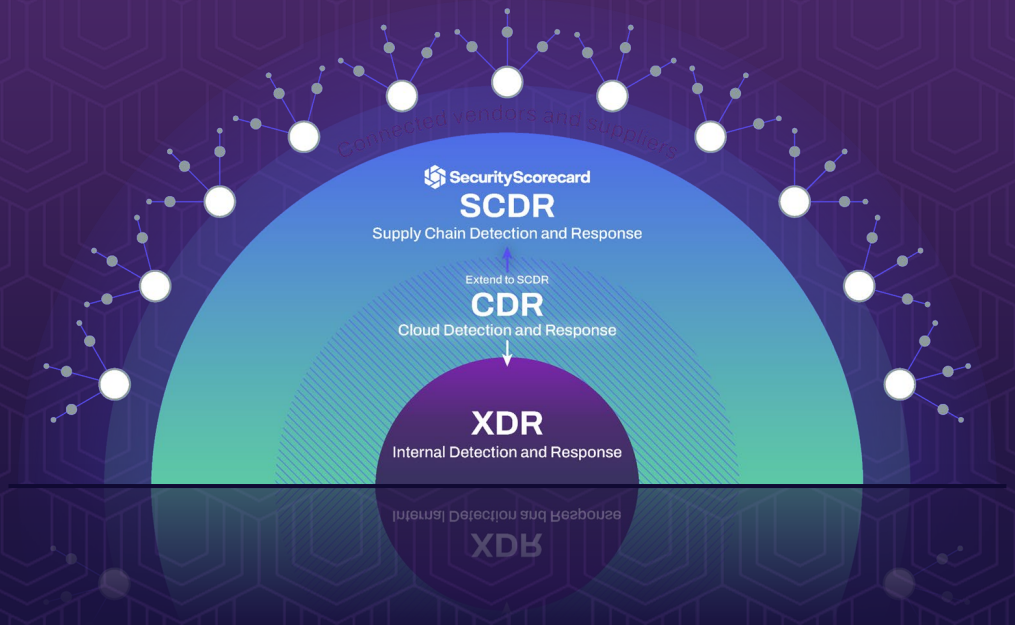
Many obstacles constrain supply chain cybersecurity maturity

Basic due diligence	Ad-hoc TPRM	Standardized TPRM	Supply chain incident response
Security reviews only done during contracting	Informal risk management policies and workflows	Proactive implementation of breach prevention controls	Rapid remediation of supplier security issues



Supply Chain Detection and Response

Extends XDR and CDR principles to identify and resolve supply chain issues



Supplier Visibility

Holistic and contextual view of **configuration risk** , **shadow IT** and **attack surface vulnerabilities**

Incident Response

Prioritize activation of **supply chain risk insights** through **SOC automation capabilities**

Supplier Remediation

Asset management capabilities and **issue resolution workflows** enable effective remediation

Strengthening Vendor Relationships & *Accountability*

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Effective Strategies for Cyber Resiliency

Key Actionable Items Trends

1. Categorize and assess your vendors, especially to understand ‘unknowns’ and hidden risks.

1. Establish continuous monitoring across all critical vendors to stay informed on changes in risk.

1. Prepare incident response plans, including reviewing contracts, that include vendors as active participants.

Emerging

1. Predictive Threat Intelligence: Move beyond reactive strategies

1. Aligning TPRM to SOC: Leads to faster detection, more accurate risk prioritization, and a unified response to third-party threats.

1. Outsourcing Complex SCDR Programs: Enable your team to take on the complexity and providing expert insights and management.

Continuous Improvement

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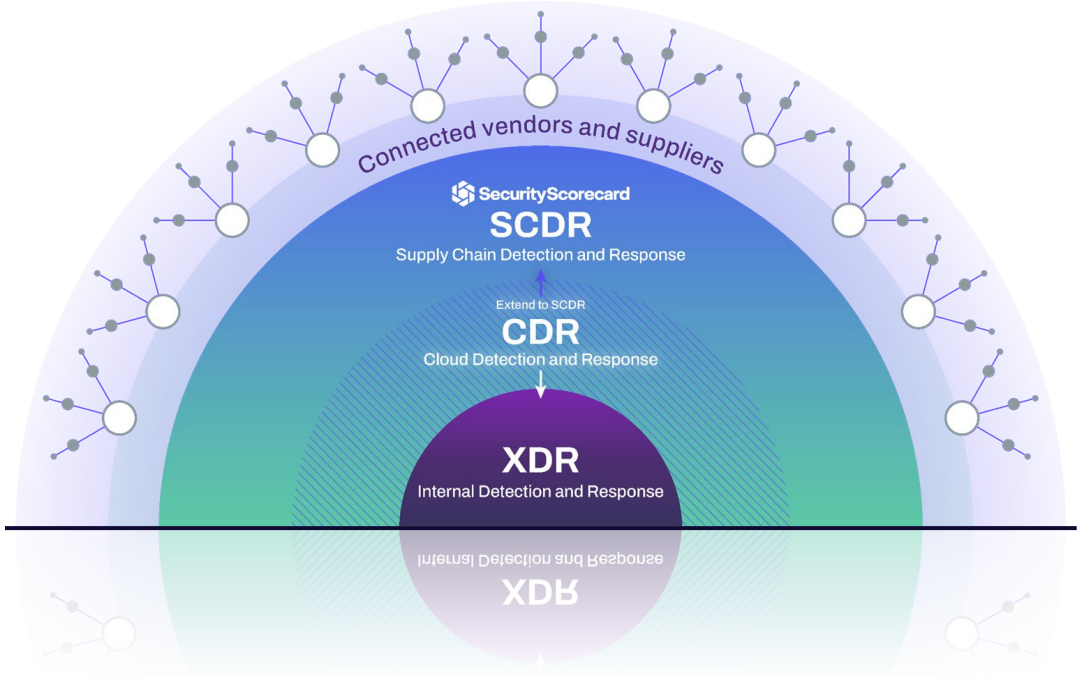
Supply Chain Detection and Response



MAX Outputs - Delivery Principles

Evolving from risk identification to issue resolution

Traditional TPRM (before)

- Single point in time risk assessments
- Focus is limited to prevention controls
- Issues are delegated to SOC
- Suppliers not aware of issues and impact

Supply Chain Incident Responders (now)

- Continuous risk and threat monitoring
- Response plans adapt to the incident
- Tight integration with SOC
- Suppliers are compelled to take action

Thank you!

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