WEBINAR WEDNESDAYS

EXIGER

The Devil's in the Data:

How AI, Machine Learning, and Cutting-Edge Tech Can Illuminate and Mitigate Supply Chain Risk

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The Devil's in the Data: How AI, Machine Learning, and Cutting-Edge Tech Can Illuminate and Mitigate Supply Chain Risk

In this webinar, we will discuss:

- SCRM technology is **evolving** to incorporate new data sources, foresee supply disruptions, and tackle new regulatory challenges
- The latest tools are identifying the right data to **power** risk-based analysis
- Rearchitecting your vendor risk management solution provides a **bullet proof** screening process
- Seemingly overwhelming supply chain data can be **transformed** into a handful of key actionable insights
- Which systems and infrastructures can turn data into an **intelligent asset**

Overview

Today's Third-Party and Supply Chain Risk Management Programs Are Built Around Big Data and Artificial Intelligence:

- Today's regulatory environment - like those driven by the NDAA, UK Modern Slavery Act, Made in America Laws, UK Bribery Act, Executive Orders, and ESG policy changes – are creating a policy environment requiring compliance and supply chain experts to review potentially dozens of disparate data sources
- Today's corporates and governments are not only potentially working with tens of thousands of direct third parties, but data on those parties is ever increasing
- When used correctly, data collected has an incredible potential to create efficiencies, answer regulatory challenges, and provide key insights to third-party risk
- Oftentimes, however, companies may lack the tools necessary to manage ever increasing volumes of third-party data created both internally by their organizations and externally by outside vendors
- By necessity, today's tools can quickly ingest TBs of relevant data, distill critical actionable insights, and subsequently monitor, detect and mitigate significant supply chain concerns rapidly – using data in ways never before possible

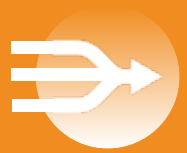
Overview

As a program evolves, it may require purpose-built data solutions to help:

Increase program oversight and control of suppliers, customers, and agents

Centralize information and create workflow efficiencies

Develop and **refine** questionnaires with speed and confidence



Seamlessly **on-board**, **vet** and **monitor** suppliers, customers, agents, and their relationships etc.

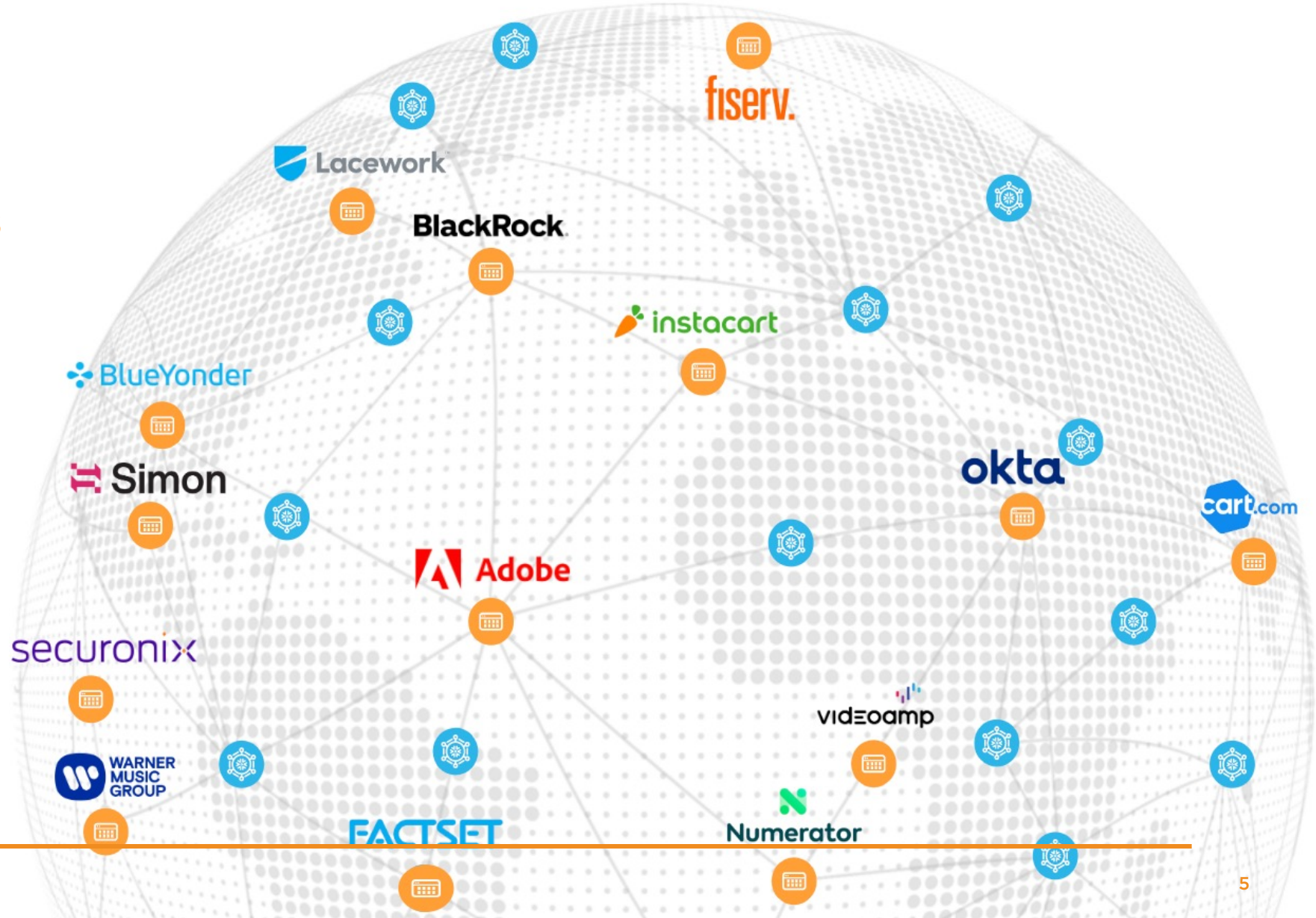
Assess different types of risk

Connect multiple systems across business

Grow in the Data Cloud

Customers

Applications



THE DEVIL'S IN THE DATA

Build, Go-To-Market, and Scale With Powered by Snowflake

Build Better Products, Faster

Get access to technical experts, workshops, and a growing library of resources to design the right data architecture for your applications.

Grow Your Business

Increase marketing exposure and generate more leads with joint go-to-market planning and joint marketing campaigns.

Get the Support Your App Needs

Achieve high levels of continuity and performance with specialized support engineers and faster response times.

BECOME A POWERED BY SNOWFLAKE PARTNER TODAY!

Traditional Data Sharing Methods Inhibit Effective Collaboration

Traditional Methods

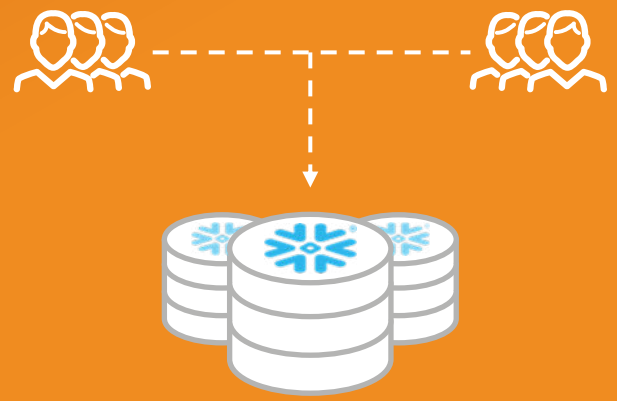
- Copying files in FTP/ cloud buckets
- Building Apps, Maintaining & Calling APIs
- ETL pipelines
- Cloud providers data sharing capabilities

Gaps

- ✗ Unsecure, once data is moved
- ✗ Costly to maintain custom pipelines
- ✗ Delayed access to data
- ✗ Unable to preserve privacy
- ✗ Limited to a single cloud or region

Snowflake Secure Data Sharing

Secure Data Sharing



Single live, copy of the data

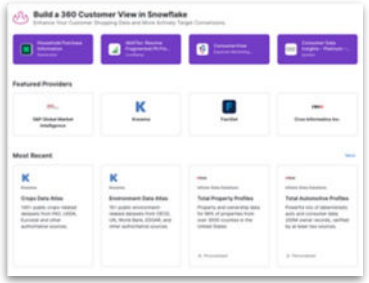
Differentiators

- ✓ No ETL or API required
- ✓ Automatically up-to-date
- ✓ Share UDFs/external functions
- ✓ Consumer managed compute
- ✓ Cross-cloud and cross-region
- ✓ Governed, revocable access

Collaboration in the Data Cloud

Privacy-Preserving Collaboration For Every Scenario

DISCOVER AND MONETIZE IN THE DATA CLOUD



SHARE ACROSS YOUR BUSINESS ECOSYSTEM

SHARE WITH COMPANIES NOT YET ON SNOWFLAKE

ANALYZE DATA WITHOUT EXPOSING IT

Live, ready-to-query data, services and apps cross-cloud and cross-region. No ETL.

THE DEVIL'S IN THE DATA

Supplier Visibility

<2%

Visibility into Tier 3

70%

Investing in incorporating external data

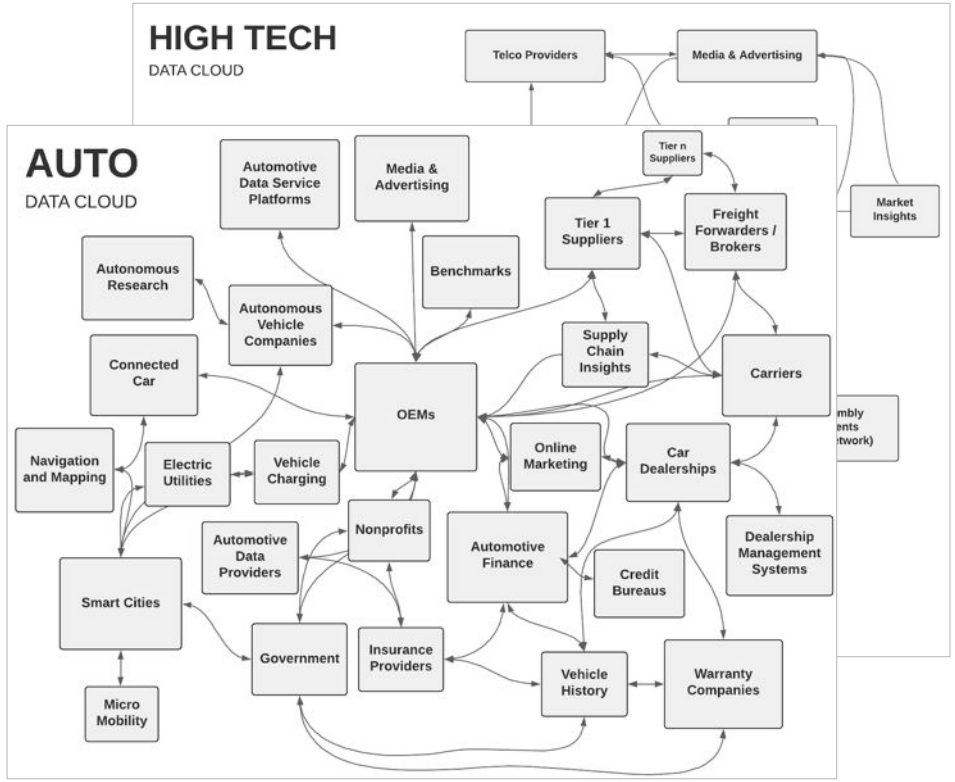
73%

Logistics visibility as key

66%

Investing in Supply Chain Mapping and Visibility

Gaining Visibility



- Direct sharing between partners
- Incorporating supply and demand side 3rd party data sets:
  - Event identification
  - Logistics availability
  - Commodity predictions
  - Market characteristics
  - ESG statistics
- Real-time updates supporting advanced analytics

See Snowflake Marketplace for available data: https://www.snowflake.com/en/data-cloud/marketplace/

Applying Supply Side Results

- Supply reliability impact on **manufacturing schedule**
- Lead-time/reliability effect on **inventory**
- Supplier/Material effect on production **quality**
- Supplier quality impact on **returns**
- Supplier/Material risk to **sales**
- **R&D/Design** change based on commodity conditions

Key Takeaways

Today's tools, like Exiger's DDIQ powered by Snowflake can put a vast breadth of supply chain relationships and risk data at your fingertips:

7B
SOURCE RECORDS OF SUPPLY CHAIN INSTALLATIONS

1.3B
CONTRACT RECORDS

31M+
DIRECT UNSTRUCTURED AND STRUCTURED DATA SOURCES

16.8M
UNIQUE SUPPLY CHAINS

9.3M
UNIQUE CYBER RELATIONSHIPS

600M+
LEGAL ENTITIES ACCESSIBLE VIA DDIQ

50+
RISK CATEGORIES

Next-Generation Tools Can Immediately Assess Impact

THE CHALLENGE

As vulnerabilities and threats collide, Exiger clients have used Supply Chain Explorer to navigate their physical and cyber supply chains to create immediate actionable insight.

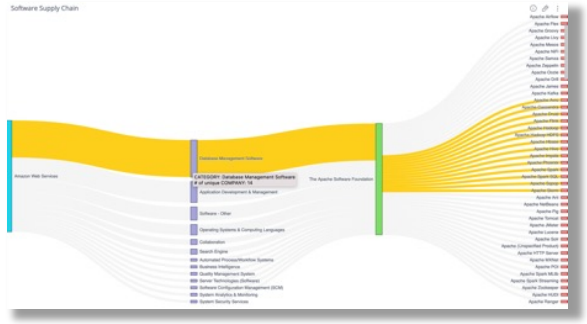
Now more than ever, cybersecurity is a key part of supply chain risk. Wide-ranging vulnerabilities—like we see with Log4j—and recent breaches such as SolarWinds and Accellion have demonstrated how software itself can become the Trojan horse, turning the products that protect us into an ecosystem-wide threat. The cyber hygiene and risk management practices of the third parties we rely on can help us assess how susceptible they are to our own ecosystem or external breaches that could change or modify code.

In the last three years, Exiger's clients have seen over 30 severe vulnerabilities targeted by hackers, often linked with powerful nation-state actors. In 2021, two cyber espionage groups, believed to be affiliated with the Chinese government, created over 16 different malware families just to target Pulse Secure VPN.

THE SOLUTION

As one of the worst cyber breaches in the last decade was identified, Customer leveraged Exiger's live, real-time cyber exploration tools to identify vendors in Customer ecosystem that potentially were responsive to the Log4j breach, Log4Shell.

Exiger's data immediately identified several at-risk vendors for the cyber vulnerability, as well as a direct nexus of Log4Shell to Customer ecosystem.

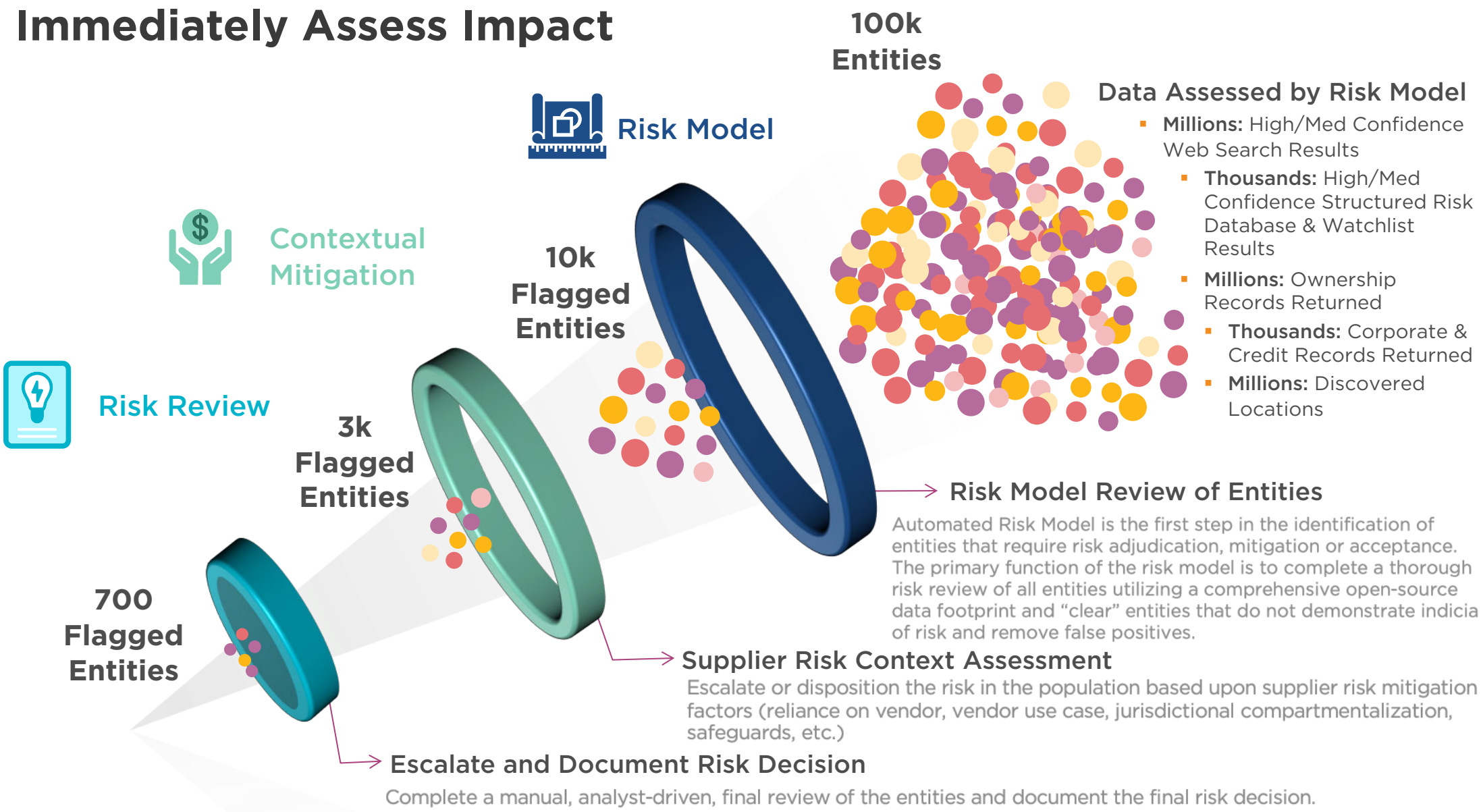


THE IMPACT

Utilizing Supply Chain Explorer, Exiger clients can instantaneously identify and assess the criticality of threat in their environment.

DDIQ Cyber Analysis created a real-time view of the threat and the vulnerabilities to Customer to allow for risk-based mitigation, stopping the threat where it matters most.

Immediately Assess Impact



Key Takeaways

- **Unabating Globalized Data Sets:**

  In the current state, collaborating on data requires costly and inefficient methods that decrease growth opportunities, increase risk, and restrict collaboration.

- **Tools Exist to Quickly Ingest Data, Categorize Risk, and Help With Mitigation:**

  Today's solutions simplify the sharing of data into a single framework or online view.

  Firms must continue to invest in tools or develop new AI as new supply chain problems emerge

- **These Same Tools Allow for Multi-Tier Supply Chain Views:**

  The computational power provided by these tools can quickly crunch data to dig deep into supply chains from the outside in.

2022 Call to Action

In order to protect your mission-critical spaces, take action now:

- Participate in the enterprise-wide sharing contract (GSA contract available)
- Enhance visibility of your networks using big data tools
- Make sure information sharing and cybersecurity are embedded in all contracts and acquisition decisions of critical hardware and software; price those qualities into business decisions
- Familiarize yourself with risk scenarios that could impact supply chains and have plans for addressing them
- Participate in information sharing channels

Questions?

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For more, join us throughout August for Webinar Wednesdays:
https://www.exiger.com/webinar-wednesdays