



•  
icon™

EMEA SUMMIT

Executive conference  
for leaders of best-in-class  
source-to-pay organizations

apexanalytix®

# Navigating the Landscape of Supplier Cyber Risk

Charlie Clark  
GM & EVP, CyberPro  
apexanalytix

Ross Garrigan  
Marketing Director, CyberPro  
apexanalytix



Charlie Clark  
EVP & GM, CyberPro  
apexanalytix



Ross Garrigan  
Marketing Director, CyberPro  
apexanalytix

apexanalytix's cyber unit is a London-based "Continuous Supplier Cyber Threat and Exposure Management Capability".

The team contains a mix of ex government, military and ex procurement technology experts.

The team delivers a powerful capability at speed, scale, scope and underpinned by the highest levels of service.

Cyber risk is an issue for us all

Cyberattacks and data breaches are the top threat to supply chains.

*\*Business Continuity Institute research*

# Supplier cyber risk is a business risk



- A supplier's breach cost Toyota 13,000 cars on the production line – 5% of their monthly productivity

- A supplier's breach allegedly exposed 'certified' designs of SpaceX rocket parts – and the criminals threatened to sell them

The screenshot displays an 'Intelligence Record' interface. On the left, a 'Post Details' table lists the following information:

Posted At	03/30/2023 3:04 PM
Scraped at	04/08/2023 6:15 PM
Spider	Lockbit
Title	maximummind.com
Seller	lockbit
Shop Name	Lockbit
Source URL	http://lockbitapt6vx57D3eeqjfwgcmtr3a35nygvokjx5uuccip4yk.yd.onion/post/Swm4JaxA6V5jkyZi640f78d082dd
Domain	maximummind.com

On the right, the 'Post Image' section shows a red banner with the text 'ARE PUBLISHED' and a 'Deadline: 30 Mar, 2023 15:48:25 UTC'. Below the banner, the post content reads: 'I would say we were lucky if SPACE-X contractors were more talkative. But I think this material will find its buyer as soon as possible. Elon Musk we will help you sell your drawings to other manufacturers - build the ship faster and fly away. and now about the numbers: about 3,000 drawings certified by space-x engineers We will launch the auction in a week. ALL YOURS AND YOURS SHOULD!'.

# Geography of the web

**Surface Web**  
Google, Amazon, Twitter, Wikipedia etc.

4%

**Deep Web**  
Legal Doc, medical & financial records,  
corporate resources, academic databases,  
cloud storage

90%

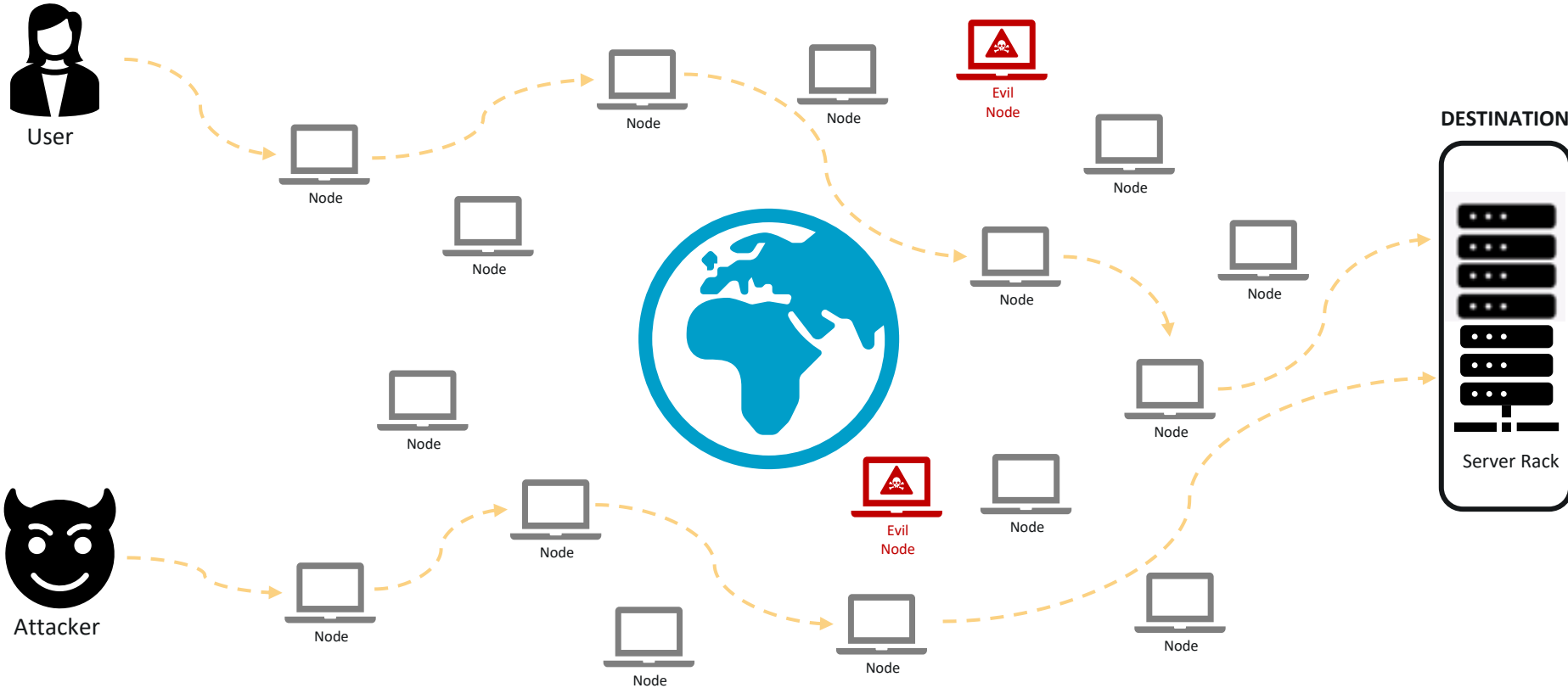
**Dark Web**  
Political journalism, private discussion,  
hard to find books & films, drugs, porn,  
hacking, darknet markets

6%

*An anonymous realm where untraceable activities  
take place for both good and bad.*

# The dark web is a place which offers anonymity

An anonymous part of the internet where **criminals** can sell your data safely – HIGH RISK ENVIRONMENT!



# Supply chain cyber threats, methods and motivations

The Mule

The Insider

The Criminal / Gang

The Nation State

The Activist

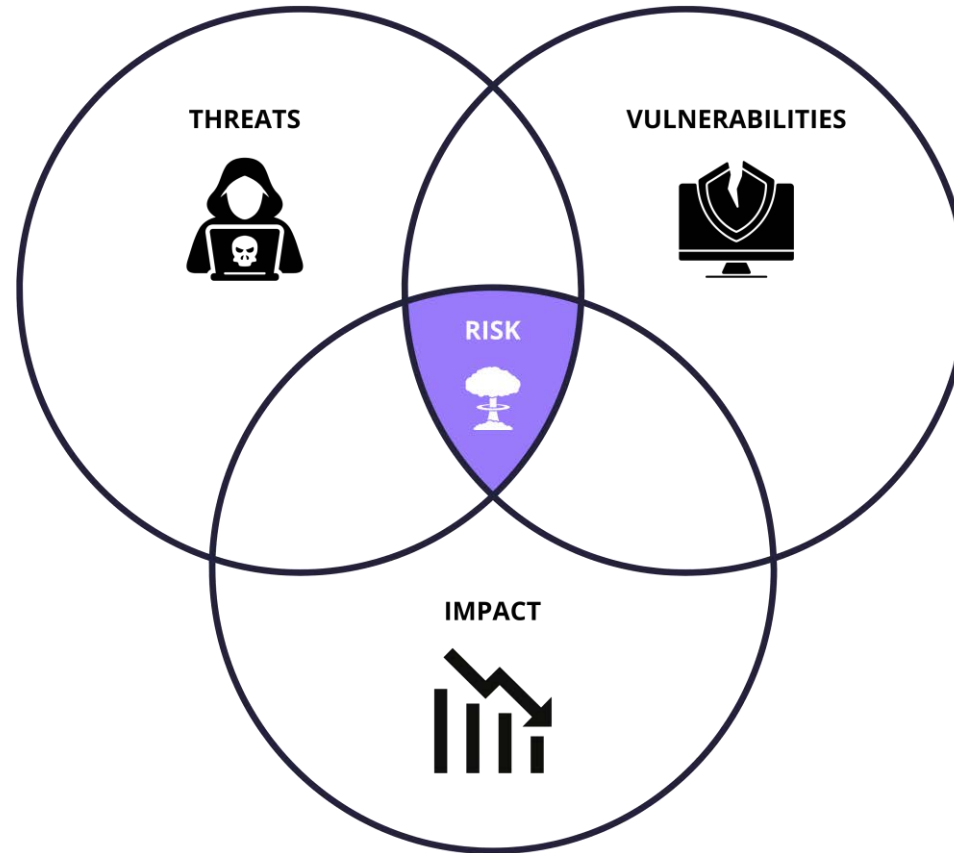




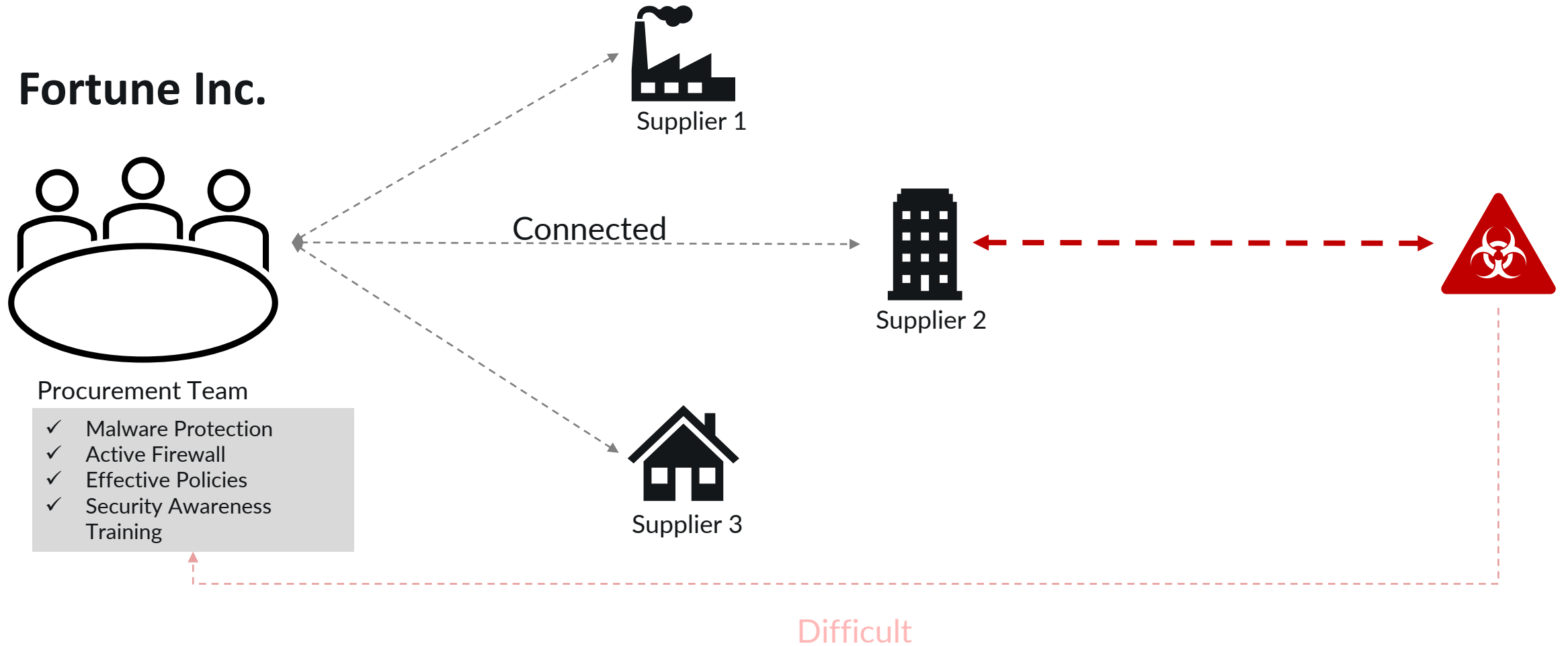
# Criminal groups are highly organised



# What is cyber risk?



# How a supply chain attack works





### Vulnerability Intelligence

Uncover weak points within a company's digital security systems that could impact your supplier ecosystem.

- Breached and exposed email addresses
- Blacklisted email servers
- Insecure cloud storage
- Website security errors
- Open/Closed data ports
- Domain reputation and infringements

### Cyber Risk Scoring

Continuously monitor suppliers' cyber risk aligned to the MITRE ATT&CK framework.

- 31-point test organized into 7 categories of risk: Exposure, Connections, Privacy, HTTP(S), DNS, Blacklist, Audit, and Ports
- Scores are automatically populated based on pre-configured risk tolerance thresholds and can be easily updated to company requirements.

### Cyber Threat Intelligence

Get ahead of cyber incidents with real-time updates on active data breaches affecting your suppliers.

- Dark web scanning and threat monitoring for an entire supplier ecosystem
- Risk-adjusted alert system that notifies your team when it matters most

# Use Cases

- Casino
- Retailer





## Stealer Log - Business Email Compromise Sequence

Stealer Log is a collection of data that is extracted from a victims device – they can include key strokes, passwords, credentials etc... and are valuable to criminals.

**Supplier 2** is an American multinational data analytics and risk assessment firm

Email	No. of Breaches ↓	Verified	Reason	Details
[REDACTED]	41	NO	-	⋮
[REDACTED]	24	NO	-	⋮
[REDACTED]	16	NO	-	⋮
[REDACTED]	14	NO	-	⋮
[REDACTED]	5	NO	-	⋮
[REDACTED]	5	NO	-	⋮
[REDACTED]	5	NO	-	⋮
[REDACTED]	4	NO	-	⋮
[REDACTED]	3	NO	-	⋮
[REDACTED]	3	NO	-	⋮

### Breach January

Leak Date ↓	Name	Email	Password	Website
2024-01-17	stealer logs parsed 17 01 2024	[REDACTED]	*****up	—

AND

URL

// [REDACTED] identitynow.com, [REDACTED]

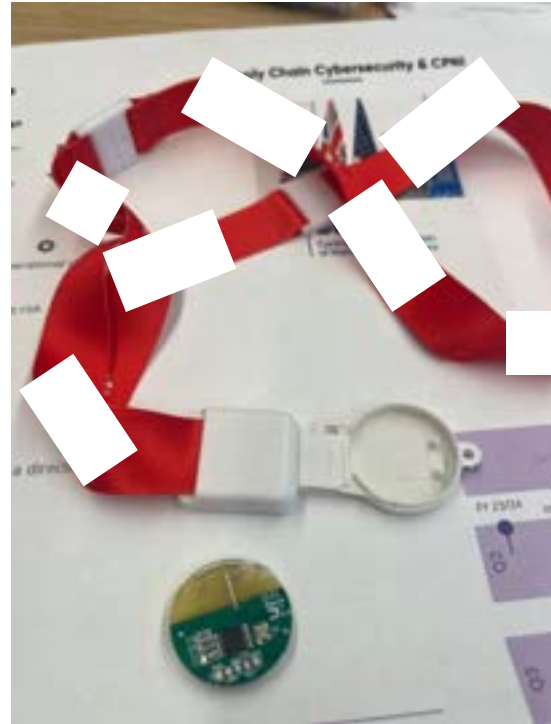
**IdentityNow** is a Identity Security solution that provides a centralised way to see and control every user's access to resources

## Awareness - Use Case

How procurement teams should also be aware of the environment they work in.

Don't drop your guard.

Not just a computer connection.





# Q&A



●  
icon™

EMEA SUMMIT

Executive conference  
for leaders of best-in-class  
source-to-pay organizations

apexanalytix®

