



Untangling the supply chain problem



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MOVEit breach in 2023 impacted multiple **UK organisations**



66m

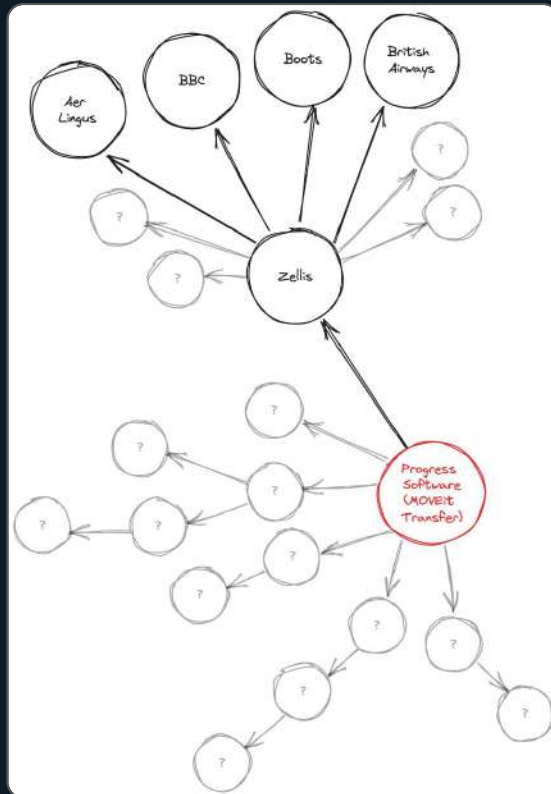
Individuals impacted

2,559

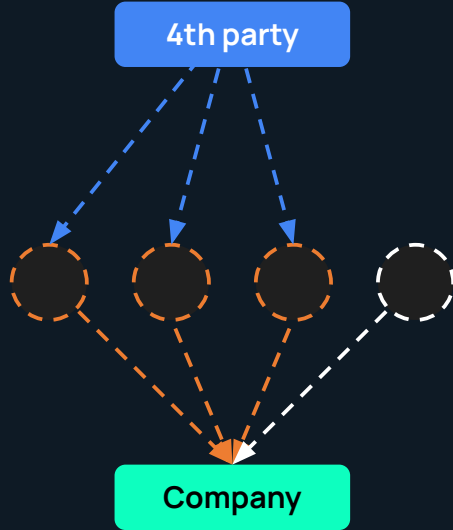
Organisations impacted

ROI

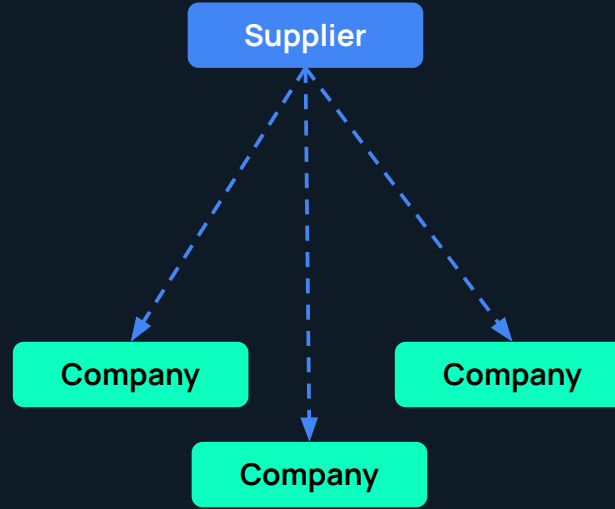
- Attack one, compromise many
- Trojan horse effect



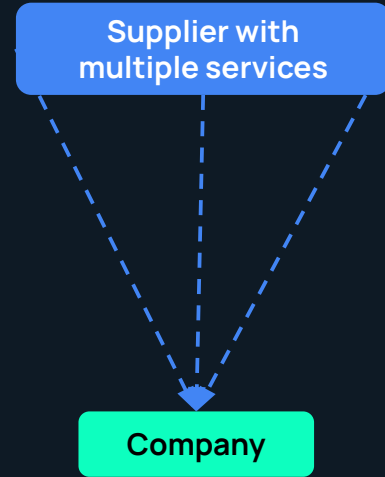
Types of concentration risks



Individual
concentration risk



Systemic
concentration risk



Aggregate
risk



You have 3 different supply chain problems, which one do we mean?

Corporate



Software

```
for i in people.data.users:
    response = client.api.statuses.user_timeline.get(screen_name=i.screen_name)
    print 'Got', len(response.data), 'tweets from', i.screen_name
    if len(response.data) != 0:
        ldate = response.data[0]['created_at']
        ldate2 = datetime.strptime(ldate, '%a %b %d %H:%M:%S')
        today = datetime.now()
        howlong = (today - ldate2).days
        if howlong < daywindow:
            print i.screen_name, 'has tweeted in the past', howlong, 'days'
            totaltweets += len(response.data)
            for j in response.data:
                if j.entities.urls:
                    for k in j.entities.urls:
                        newurl = k['expanded_url']
                        urlset.add((newurl, j.user.screen_name))
        else:
            print i.screen_name, 'has not tweeted in the past', howlong, 'days'
```

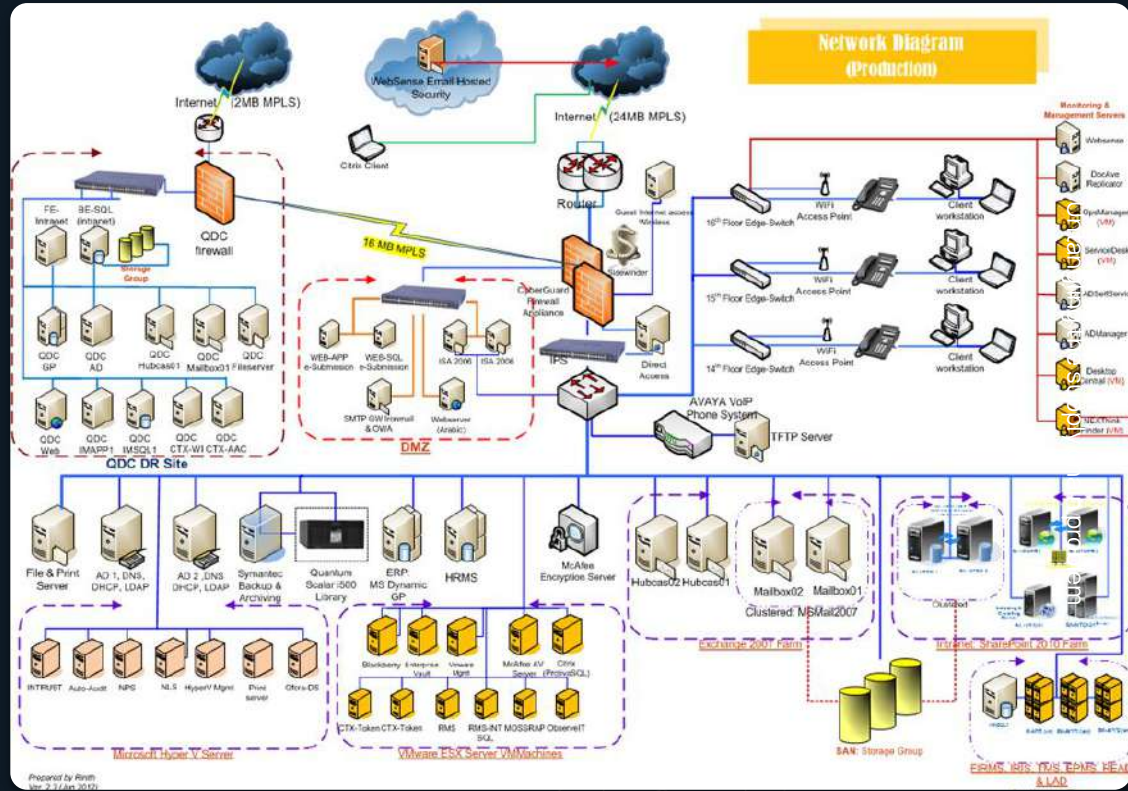
Logistical





To keep your own organisation **secure**, you'll be looking at

- Networks & infrastructure
- Applications
- Physical Premises
- People
- Supply chain
- Governance
- Compliance
- ITDR/BCP



Supply chain security asks that you do this...

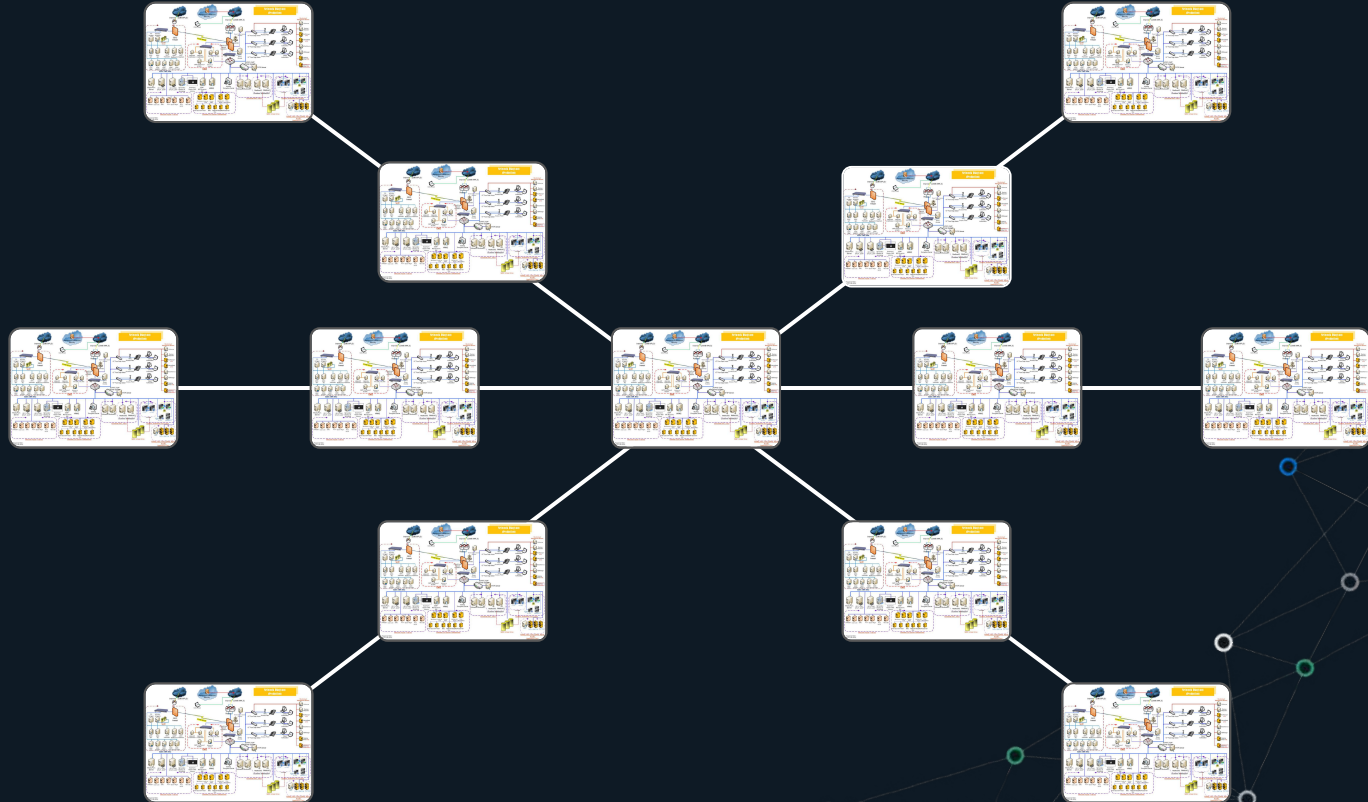
For **every** supplier



Untangling the supply chain problem

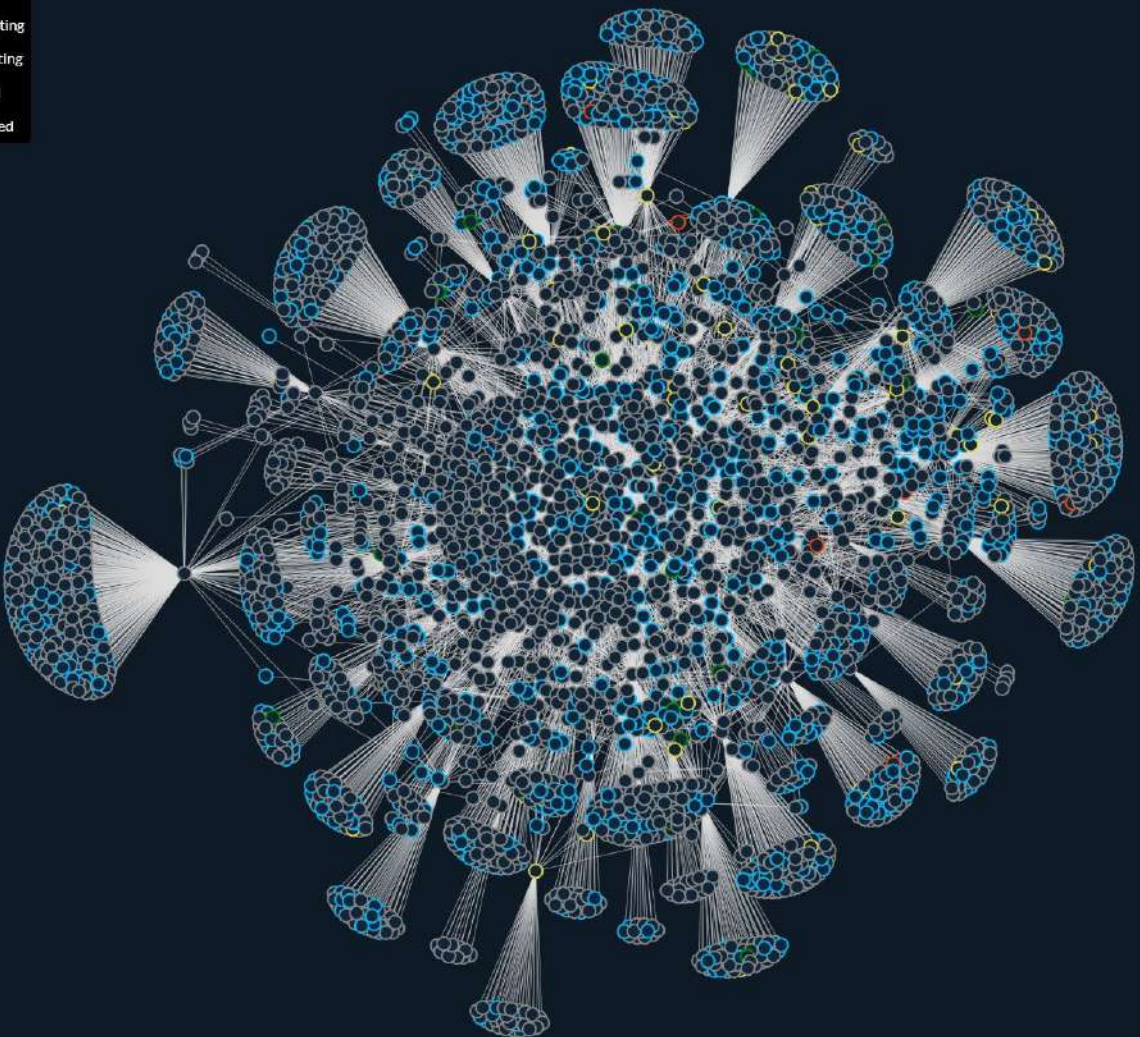
2025

But what about your suppliers' suppliers?



Untangling the supply chain problem

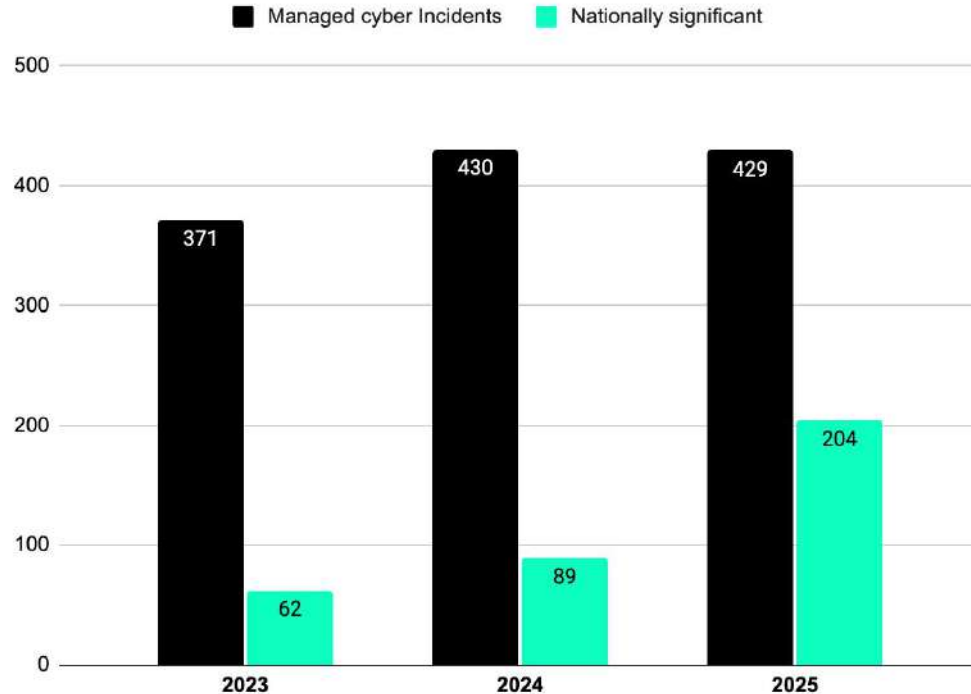
2025



NCSC Annual Review



Cyber incidents reported



- ↑ Nationally significant incidents by 129%

- National Cyber Emergency
- Highly Significant Incident
- Significant Incident

Untangling the supply chain problem

2025



Concentration risk has become a concern as **supply chain complexity** increases, and regulators put more focus on **operational resilience**.

Suppliers specialise to enhance their GTM and operational efficiencies, and in doing so promote the creation of concentration risks.

We can't just look at individual suppliers.
We have to look at the entire system.



Defend-as-One

A new approach



Risk Ledger's Approach

Bringing Your Supply Chain into Full View.

Seamless Onboarding and Connection: Risk Ledger helps you onboard and connect every supplier into an active, interconnected network.

Collaborative Network-Based Model: Work with a diverse community of clients, sharing insights and building a comprehensive, trusted supplier network.

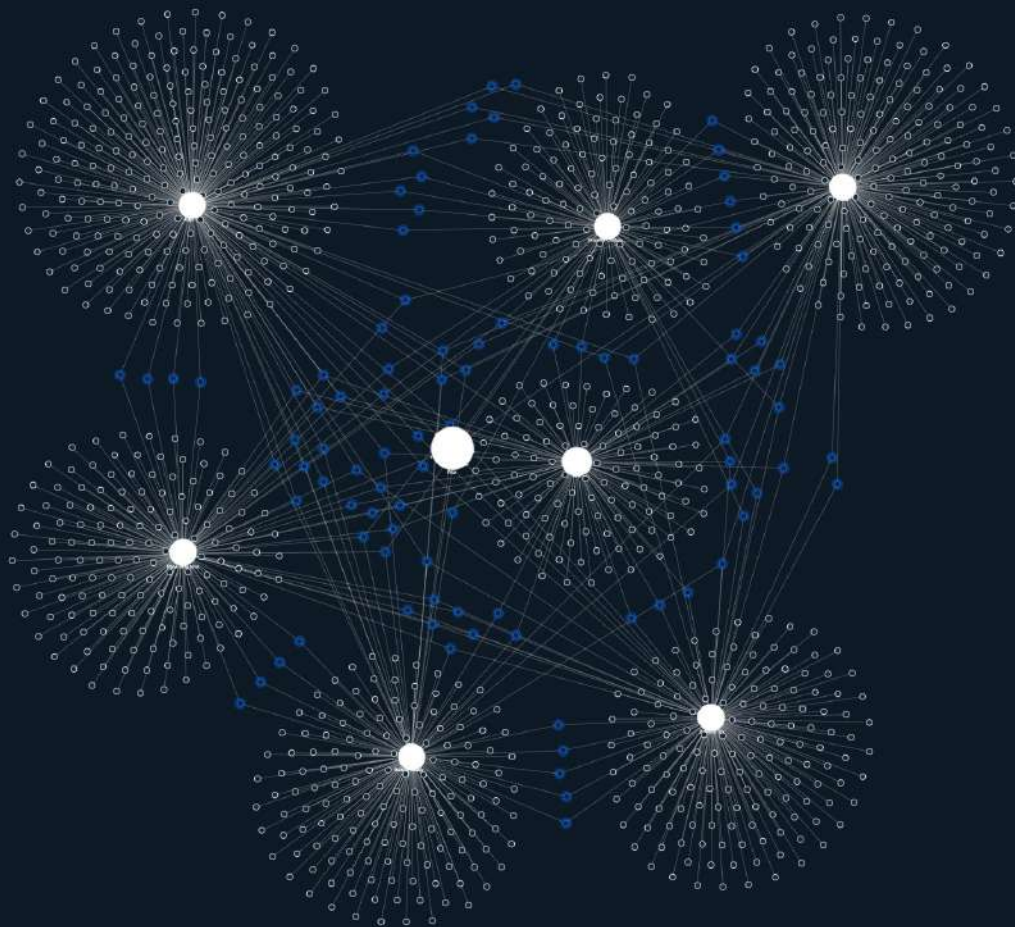
Complete Once, Share with All: Our model provides every client with real-time access to the accurate, up-to-date supplier data, reducing the manual work.

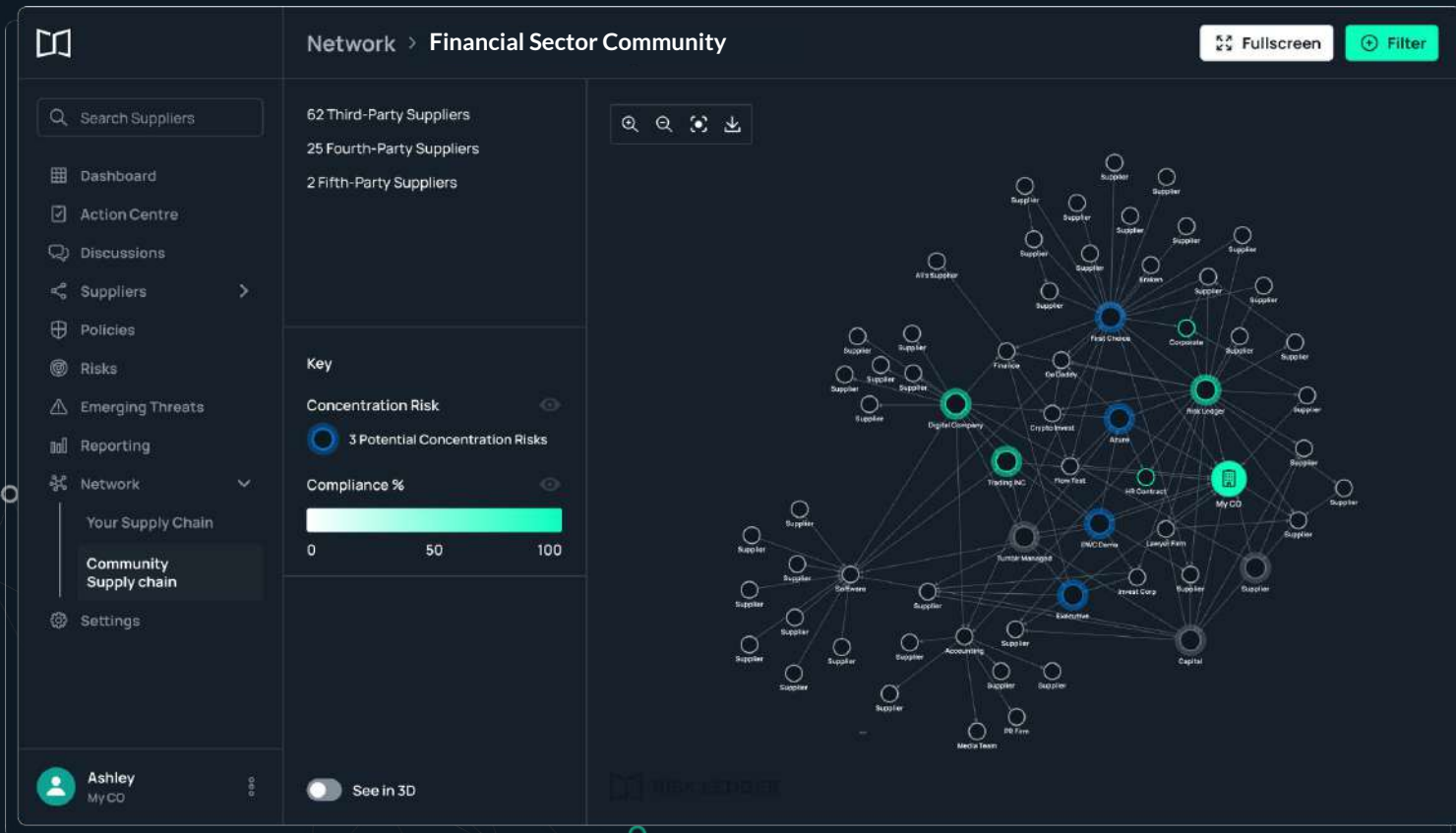
Focus on Security: Secure every node in your supply chain, mitigating risk before they impact your operations.



Building Communities to Defend-as-one

- Leverage trusted peers and get **risk signals**.
- **Share assurance outputs** to enhance decision making.
- Increase supplier engagement by working together to ensure supplier data quality.
- Share **industry wide news** and security updates.
- **Add insights** to cyber threat intelligence alerts.





UK Councils Project Insights

Goal: Help council understand their supply chains.

In the first **two weeks**, not months, we helped **10 councils** map out their combined supply chain.

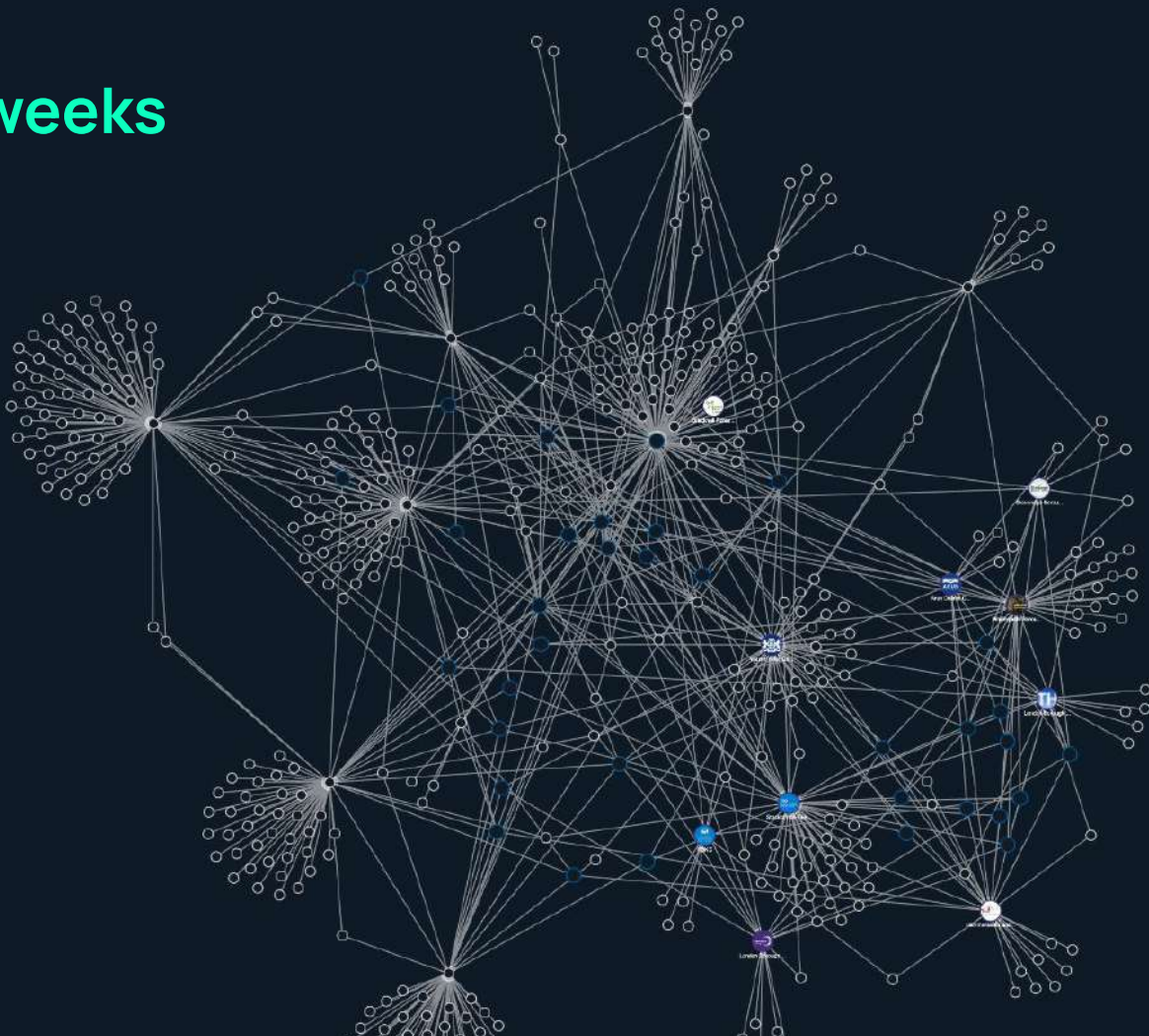
- 150 suppliers mapped
- 20 concentration risks identified



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After 2 weeks



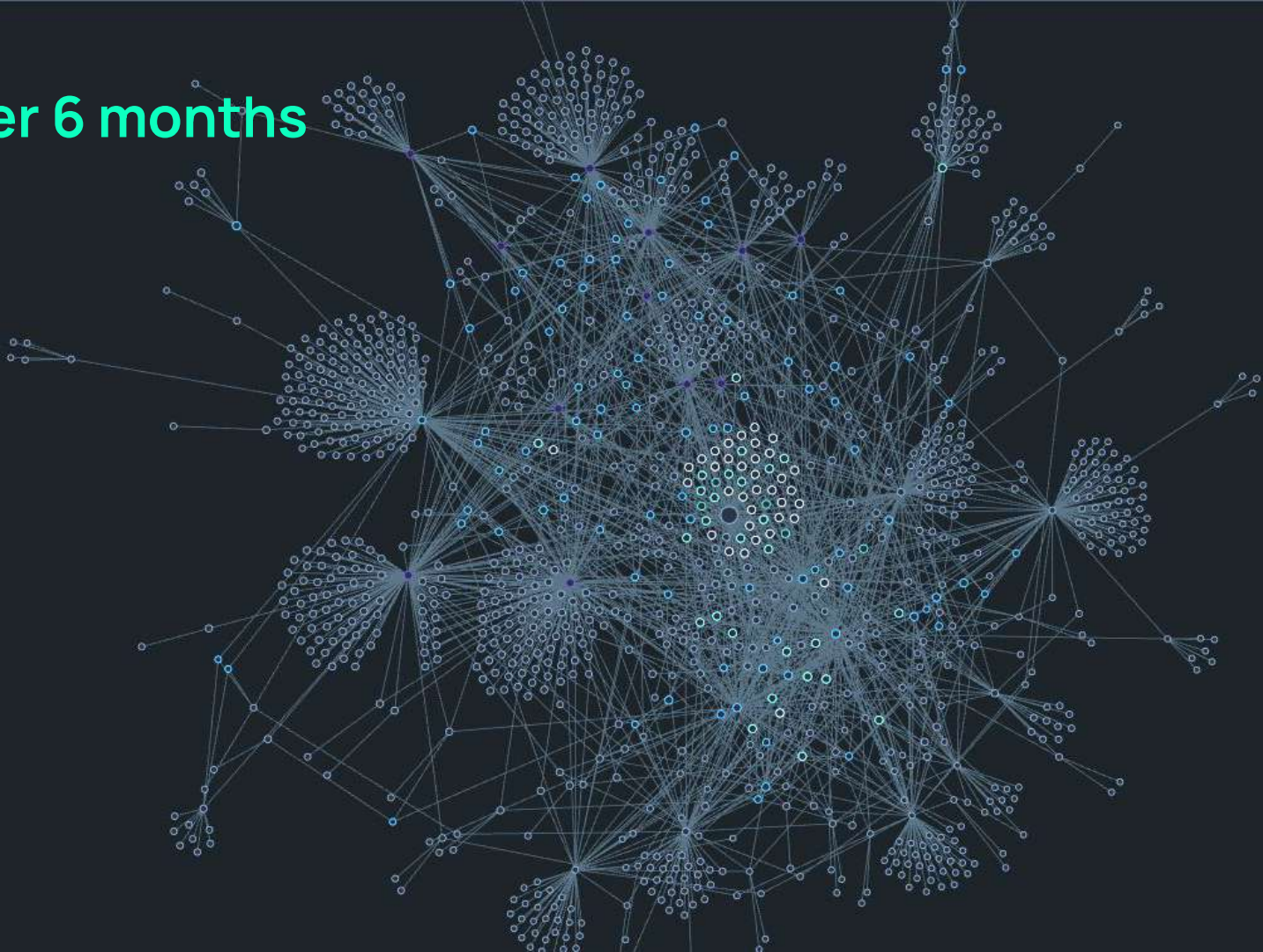
UK Councils Project Insights

After six months, we signed on more councils, mapping out the combined supply chain for **18 UK councils**.

- 831 suppliers mapped
- 45 concentration risks identified



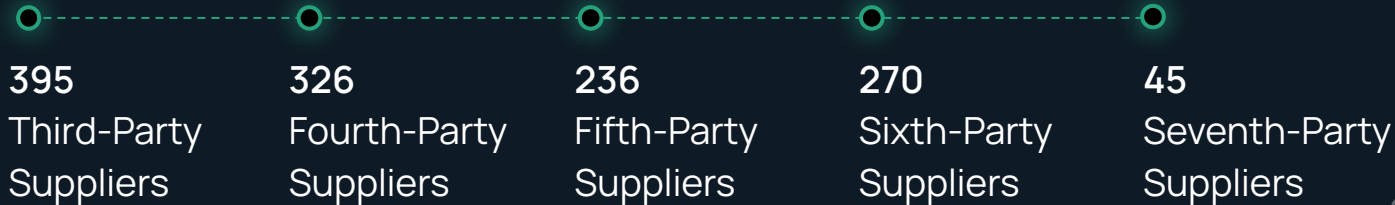
After 6 months





Case study with 6 Financial Institutions

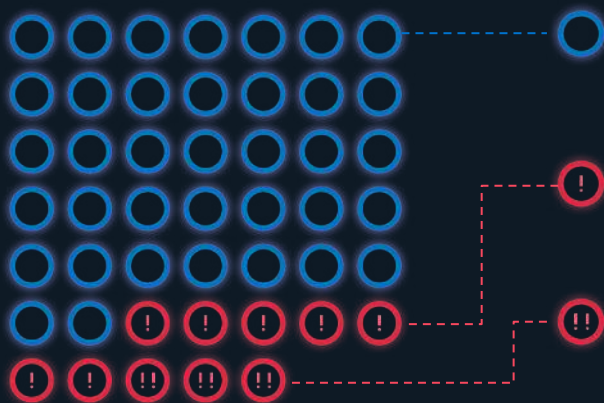
We mapped over 1,300 3rd, 4th, and nth party suppliers across the supply chains.





Case study with 6 Financial Institutions

We uncovered 47 systemic concentration risks. Here's a breakdown:



38 suppliers were identified among fourth parties and beyond.

9 suppliers were identified as critical third parties, each directly connected to at least 50% of the participants.

3 of the 9 third-party concentration risks were smaller suppliers that participants were unlikely to know they shared.



Thank You.

Risk Ledger transforms third-party risk management by enabling you to onboard and connect your entire supply chain, bringing every supplier into clear view.

Access real-time risk insights, mitigate emerging threats, and manage your supply chain with unparalleled confidence—all from a single, powerful platform.



Contact us at justin@riskledger.com

Learn more at www.riskledger.com

