

The main title "X-SPIERience Day" is in white, with "X" inside a circular circuit-like graphic. "2020" is written in white and yellow. Below it, "DIGITALE SOUVERÄNITÄT" is in yellow. The background is blue with a network pattern.

X-SPIERience Day 2020

DIGITALE SOUVERÄNITÄT



FORTINET





Digital Sovereignty in Focus: Intelligent, Automated **Third-Party Risk Management**

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SPIE ICS

Why Third-Party Risk Matters Now ?

82 %

organisations surveyed consider [Third-Party] risk to be **"important"** or **"very important"** ¹

4 %

high **confidence** that their third-party **questionnaires** match the reality of the third party risk ²

24 %

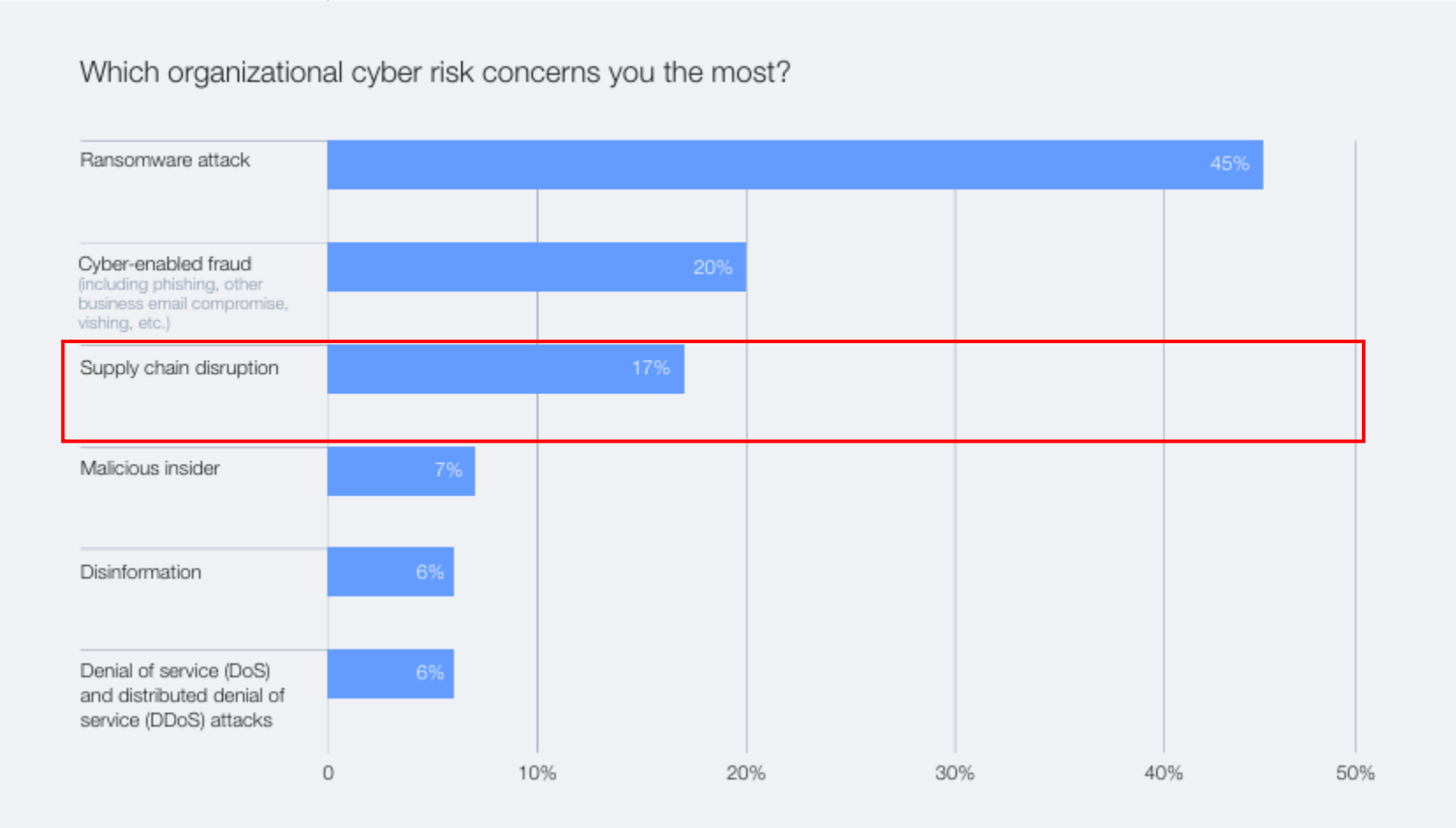
security incidents caused by third parties in 2024 ²
266% increase since 2020

¹Source: TPRM Observatory 2025 | Board of cyber

²Source: The State of 3rd-Party Risk Management Report 2024 | RiskRecon

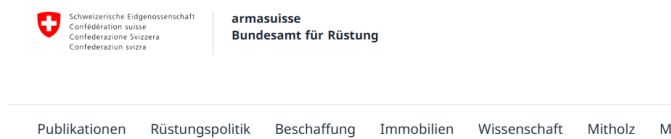
Why Third-Party Risk Matters Now ?

FIGURE 3 | Organizational cyber risks ranked – 2025



Source: [WEF Global Cybersecurity Outlook 2025.pdf](#)

Recent examples of Third-Party risk realization

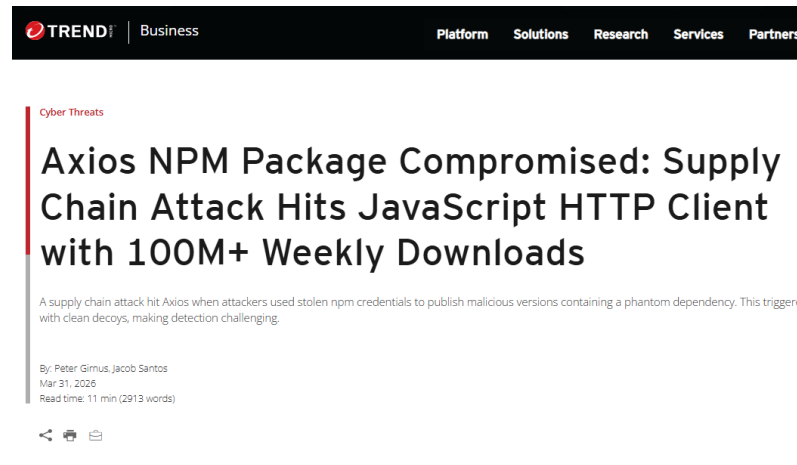


Mitteilung | Veröffentlicht am 18. Juli 2023

Datenabfluss bei Xplain

Ende Mai 2023 wurde bekannt, dass die Firma Xplain, ein Sch Software, Opfer eines Ransomware-Angriffs geworden ist. Dal auftretende Hackergruppierung grosse Datenmengen gestoh operative Daten der Bundesverwaltung. Gemäss aktuellen An klassifizierte Informationen, die in den Zuständigkeitsbereich

Data leak



Unauthorized access



CrowdStrike Incident

July 30, 2024 | Incident Handling

Availability

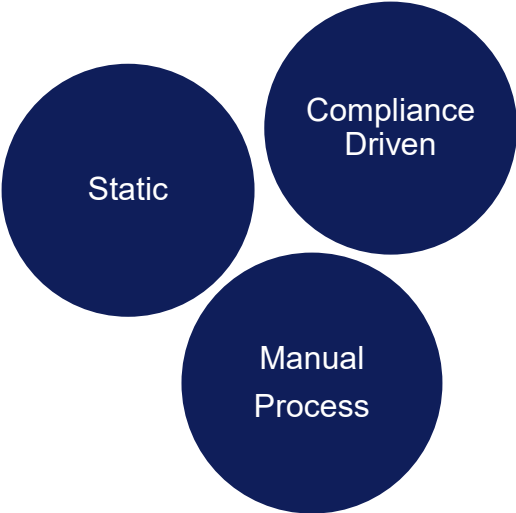
Regulatory and Framework Alignment



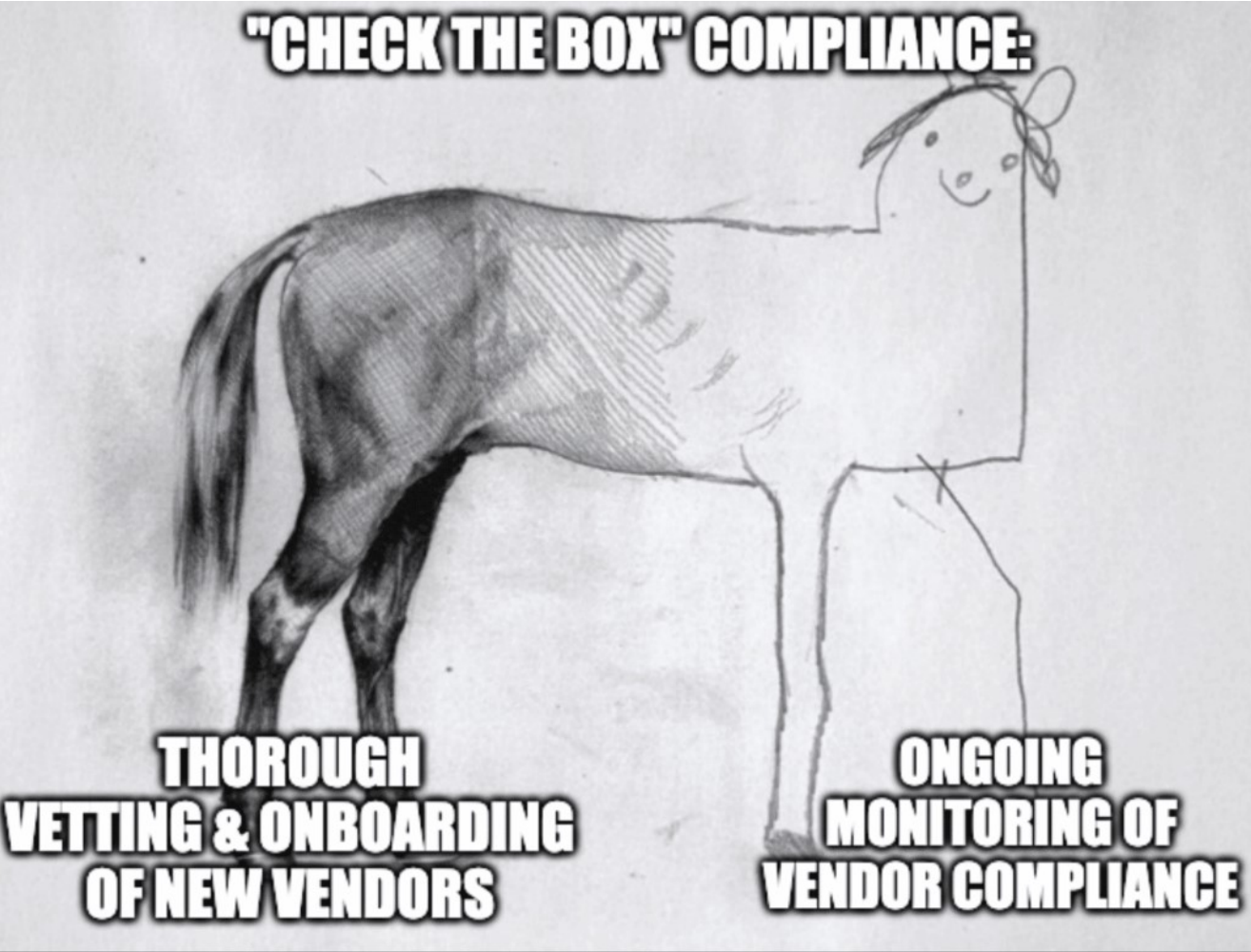
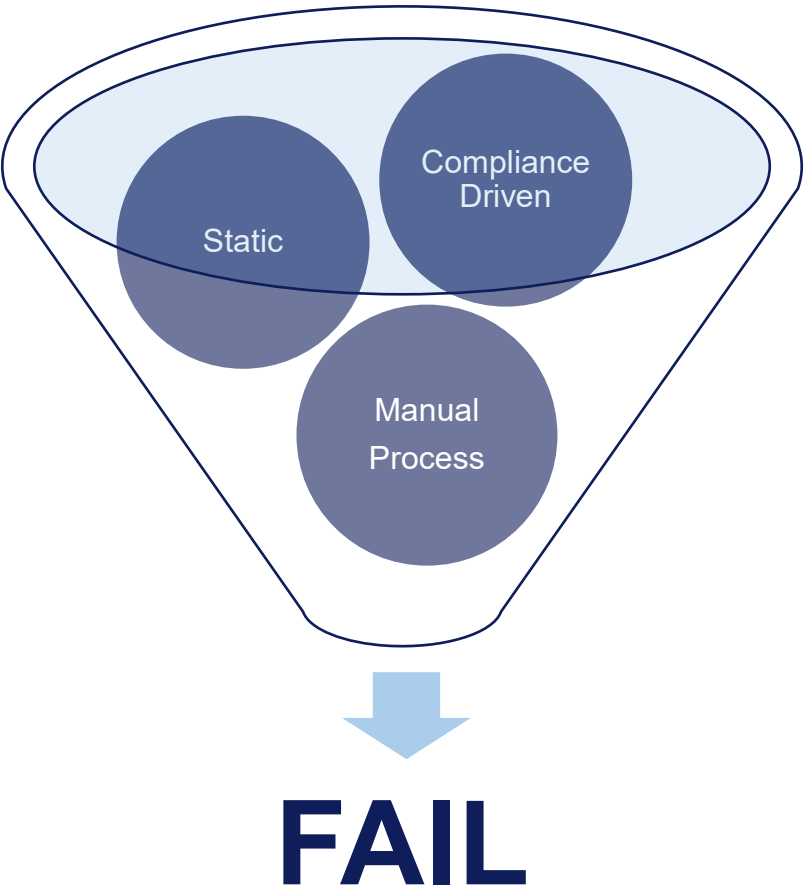
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



Where Traditional TPRM Fails



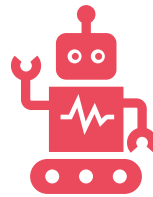
Where Traditional TPRM Fails



Automated Rating and Insights



Visibility



Control



Agility

Automated Rating & Insights



Visibility



Control



Agility

- Publicly available information

Highest-risk assets

Critical ● High ● Medium ● Low ●

Assets

1st parent

Open Ports / Administration Interfaces

Public ip

@

● 111/TCP(sunrpc) ● 3306/TCP(mysql) ● 111/UDP(sunrpc) ● 22/TCP(ssh) ⓘ

Automated Rating & Insights



Visibility



Control



Agility

- Publicly available information

Highest-risk assets

Assets

Domain
name

Configuration

- DMARC
- SPF
- DMARC
- SPF

Critical High Medium Low OK

Mail services

- SMTP
- SMTP

Automated Rating & Insights



Visibility



Control



Agility

- Publicly available information

Highest-risk assets

Critical ● High ● Medium ● Low ● OK ●

Assets	http	https	TLS Configuration				Headers
Public URL	● ●	● ●	● Certificate ● Certificate	● Server ● Server	● Ciphers ● Ciphers	● Vulnerabilities ● Vulnerabilities	● ● ●



Automated Rating & Insights



Visibility



Control



Agility

- Publicly available information

Highest-risk assets

Assets

Public URL

Highest-risk assets

Assets

Domain names

DNSSEC

DNS Wildcard



Critical ● High ● Medium ● Low ● OK ●

ers	ers	Headers
● Vulnerabilities	● Vulnerabilities	●
● Vulnerabilities	● Vulnerabilities	●
● Vulnerabilities	● Vulnerabilities	●
● Vulnerabilities	● Vulnerabilities	●

Automated Rating & Insights



Visibility



Control



Agility

- Publicly available information

Overview of security posture,
automated, always up to date
10 minutes to set-up

Visibility (Nth-party risks)

Verteilung der Anbieter ?

Mein Konto

Globale Verteilung

Nach wichtigen Anbietern filtern i

- 32.1% - Group < 1% : 1&1 Mail & Media GmbH|1a
- 22.3% - Microsoft Corporation
- 11.6% - Amazon.com, Inc.
- 10.5% - Group < 4% : Amazon Data Services Nc
- 9.9% - Group < 5% : Cloudflare, Inc.|OVH SAS
- 9.5% - Amazon Data Services Northern Virgini
- 4.1% - Group < 2% : A100 Row GmbH|Amazon C



32.1% - Group < 1% : 1&1 Mail & Media GmbH +

22.3% - Microsoft Corporation

11.6% - Amazon.com, Inc.

10.5% - Group < 4% : Amazon Data Services Nova -

- Amazon Technologies Inc.
- Google LLC

9.9% - Group < 5% : Cloudflare, Inc. -

- OVH SAS

9.5% - Amazon Data Services Northern Virginia

4.1% - Group < 2% : A100 Row GmbH +

Cyber maturity of third-party

Schwachstellen ?

BEWERTUNG ?

D

Bewertete Assets 53

Risikobehaftete Assets 7

Public
URL

Mehr sehen

Observable je Assets					Observable je Kontrollpunkt	Observable je Technologie
Gefährdete Assets						
<input type="text" value="Ein Asset suchen"/>						
↑↓ Assets	↓↑ Schweregrade	↑↓ Anzahl	↑↓ Verwendete Technologien	Segmente		
[Asset]	<div style="display: flex; justify-content: space-around;"> <div style="background-color: red; color: white; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">20</div> <div style="background-color: #c00; color: white; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">40</div> <div style="background-color: #f00; color: white; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">20</div> <div style="background-color: #f0f0f0; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">0</div> </div>	80	<ul style="list-style-type: none"> <li style="margin-right: 5px; margin-bottom: 5px;"> Amazon Web Services <li style="margin-right: 5px; margin-bottom: 5px;"> Apache HTTP Server (2.4.25) <li style="margin-right: 5px; margin-bottom: 5px;"> AWS Certificate Manager <li style="margin-right: 5px; margin-bottom: 5px;"> Debian <li style="margin-right: 5px; margin-bottom: 5px;"> Axios (0.21.4) <li style="margin-right: 5px; margin-bottom: 5px;"> Bootstrap <li style="margin-right: 5px; margin-bottom: 5px;"> Chatbase <li style="margin-right: 5px; margin-bottom: 5px;"> core-js (3.29.0) <li style="margin-right: 5px; margin-bottom: 5px;"> dc.js <li style="margin-right: 5px; margin-bottom: 5px;"> DigiCert <li style="margin-right: 5px; margin-bottom: 5px;"> Glide.js <li style="margin-right: 5px; margin-bottom: 5px;"> Google Font API <li style="margin-right: 5px; margin-bottom: 5px;"> Klaviyo <li style="margin-right: 5px; margin-bottom: 5px;"> Nginx (1.28.2) <li style="margin-right: 5px; margin-bottom: 5px;"> Nuxt.js <li style="margin-right: 5px; margin-bottom: 5px;"> Open Graph <li style="margin-right: 5px; margin-bottom: 5px;"> Priority Hints <li style="margin-right: 5px; margin-bottom: 5px;"> PWA <li style="margin-right: 5px; margin-bottom: 5px;"> Vue Storefront (2) <li style="margin-right: 5px; margin-bottom: 5px;"> Vue.js (2.6.14) <li style="margin-right: 5px; margin-bottom: 5px;"> Webpack 			
[Asset]	<div style="display: flex; justify-content: space-around;"> <div style="background-color: red; color: white; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">0</div> <div style="background-color: #c00; color: white; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">3</div> <div style="background-color: #f00; color: white; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">0</div> <div style="background-color: #f0f0f0; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">0</div> </div>	3				

Cyber maturity of third-party

Schwachstellen

BEWERTUNG

D

Bewertete Assets **53**

Risikobehaftete Assets **7**

Public URL

Mehr sehen

Observable je Assets Observable je Kontrollpunkt Observable je Technologie

Gefährdete Assets

Empfehlungen Observable je Kontrollpunkt Observable je Technologie

Details der Observables für das Asset **https://www.spi.ch**

Ein Observable suchen Kommentarstatus Kommentare an

CV#	Schweregrade	Verwendete Technologien
CVE-2017-3167	Kritisch	Apache HTTP Server (2.4.25)
CVE-2017-3169	Kritisch	Apache HTTP Server (2.4.25)
CVE-2017-7679	Kritisch	Apache HTTP Server (2.4.25)
CVE-2017-9788	Kritisch	Apache HTTP Server (2.4.25)

Cyber maturity of third-party

Schwachstellen

BEWERTUNG

D

Bewertete Assets **53**

Risikobehaftete Assets **7**

Public URL

Mehr sehen

Observable je Assets

Gefährdete Assets

Empfehlungen

Details der Observables für das Asset

Ein Observable suchen

Kommentarstatus

CVE	Schweregrade
CVE-2017-3167	Kritisch
CVE-2017-3169	Kritisch
CVE-2017-7679	Kritisch
CVE-2017-9788	Kritisch

Update-Leistung

BEWERTUNG

E

Bewertete Assets **53**

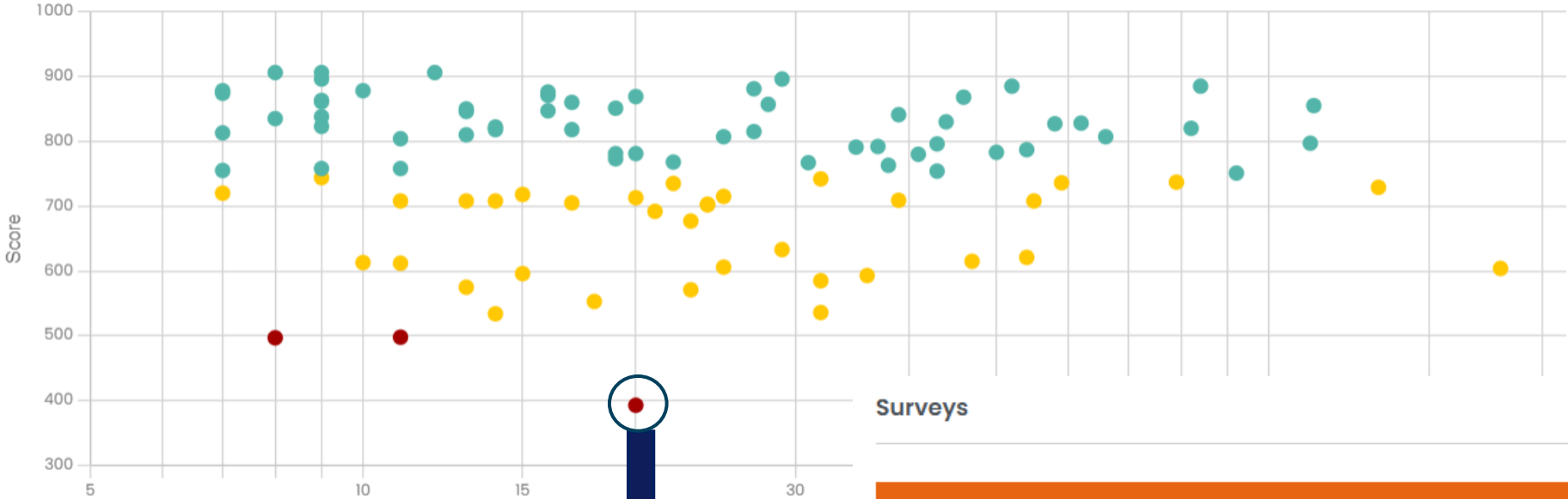
Behebungsfristen

Schweregrad	Festgestellt	Ziel	Anzahl der CVEs
Kritisch	570 Tag(e)	≤ 5 Tag(e)	20
Hoch	251 Tag(e)	≤ 15 Tag(e)	46
Mittel	338 Tag(e)	≤ 30 Tag(e)	26
Niedrig	246 Tag(e)	≤ 90 Tag(e)	3

Mehr sehen

Visibility, Control, Agility

Company score and asset-volume distribution for the 98 evaluated companies

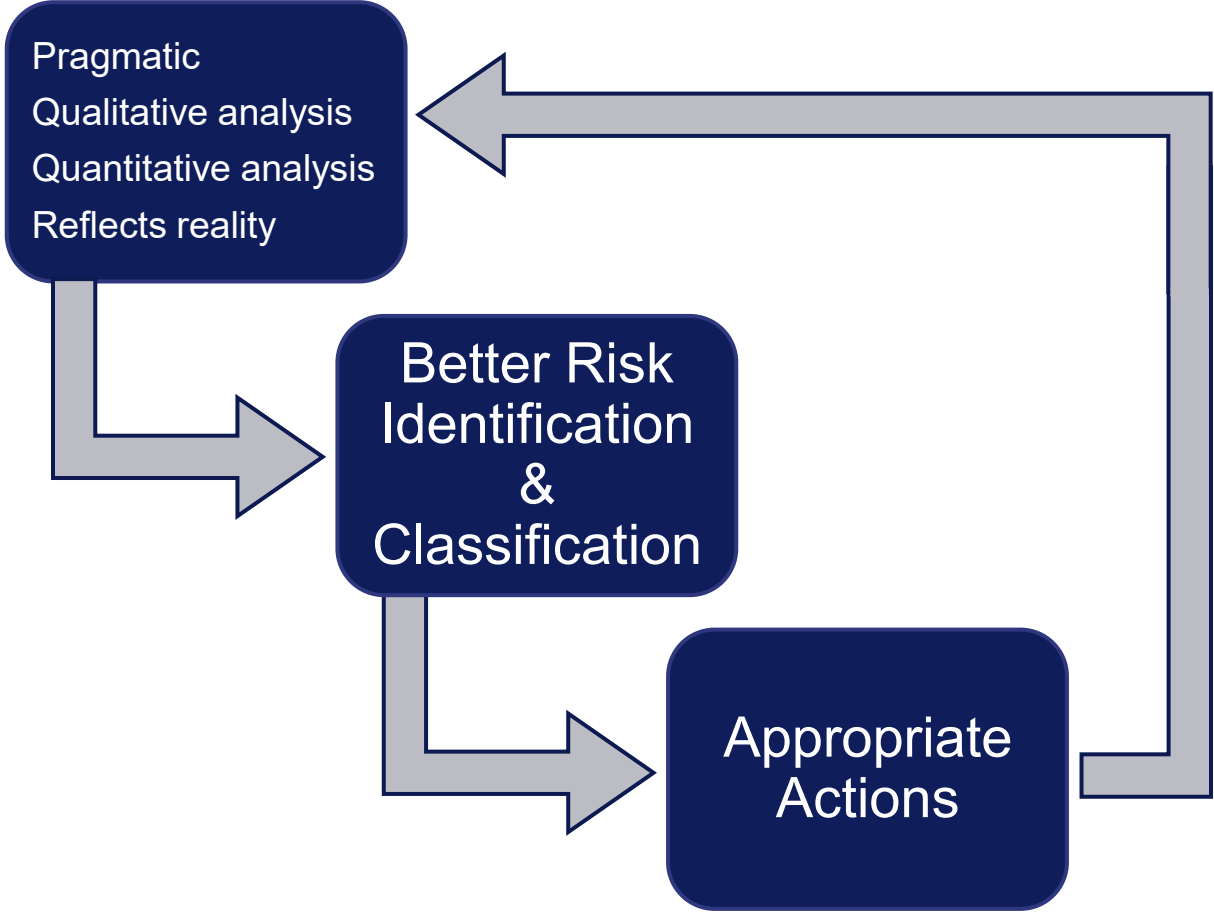
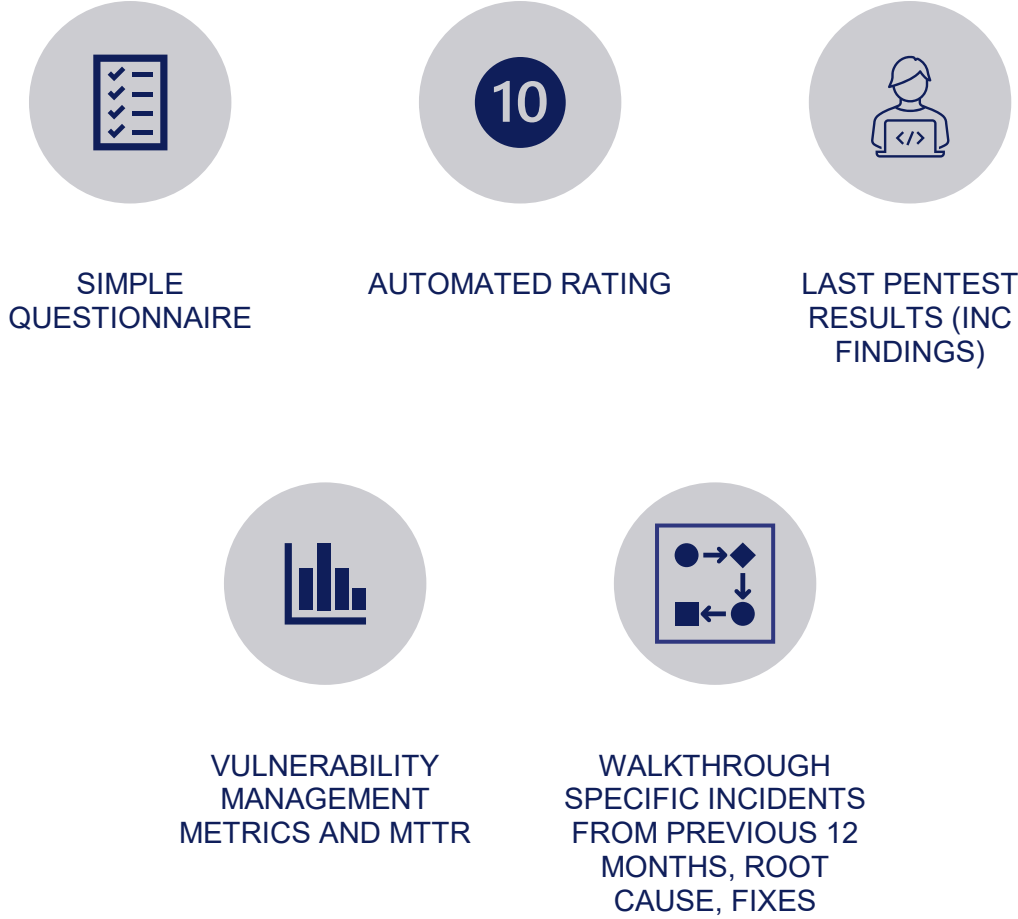


Surveys

GDPR Maturity audit	V22.10.19	Oct 19, 2022	In progress
Security Needs	V22.10.19	Oct 19, 2022	E [?]
Maturity assessment	V22.10.19	Oct 19, 2022	C [?]

[See more](#)

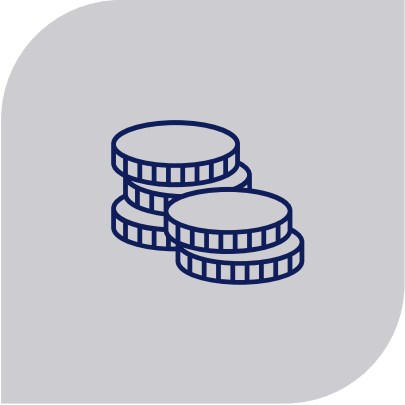
Actionable steps



What Happens If You Wait?



INCREASED RISK EXPOSURE



NON-COMPLIANT TO REGULATION



WEAKEST LINK IN YOUR SUPPLY CHAIN

INCREASED COST OF BREACH

COST OF FINE

COST IN MISSING REVENUE

Your Sovereignty Roadmap Starts Today



Step 1: Gain Visibility Across the Ecosystem

Start small, focus on business critical suppliers (including subcontractors and fourth parties)



Step 2: Check Data Localization & Privacy Rules

Prioritize vendors who provide local hosting options and are compliant with relevant regulations



Step 3: Integrated Vendor Assessment Across Risk Categories

Security, operational capability, financial health, and regulatory compliance



Step 4: Resilient Procurement Practices

Whenever possible, avoid vendor lock-in, open standards, and rigorous exit strategies



Step 5: Continuous Oversight

Implement automated, real-time monitoring tools to detect and manage risks, ensuring alignment with long-term sovereignty goals

COMPLIANCE

CONFIDENCE

Ihre Ansprechpartner bei SPIE ICS



« To thrive and survive, sovereignty is a necessity, just like trust is a must »

Hubert Rémond

Team Leader Solution Network Security

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spie.ch/secure

