

Ihr Weg zur digitalen Transformation!

Lernen Sie, wie Sie mit TÜV Rheinland und der CASB Lösung von Forcepoint Ihre Applikationen, Daten und User in der Cloud schützen!

Ihre Referenten



Ralph Hüntten

Segment Manager Advanced Cyber Security
TÜV Rheinland i-sec GmbH



Michael Stanik

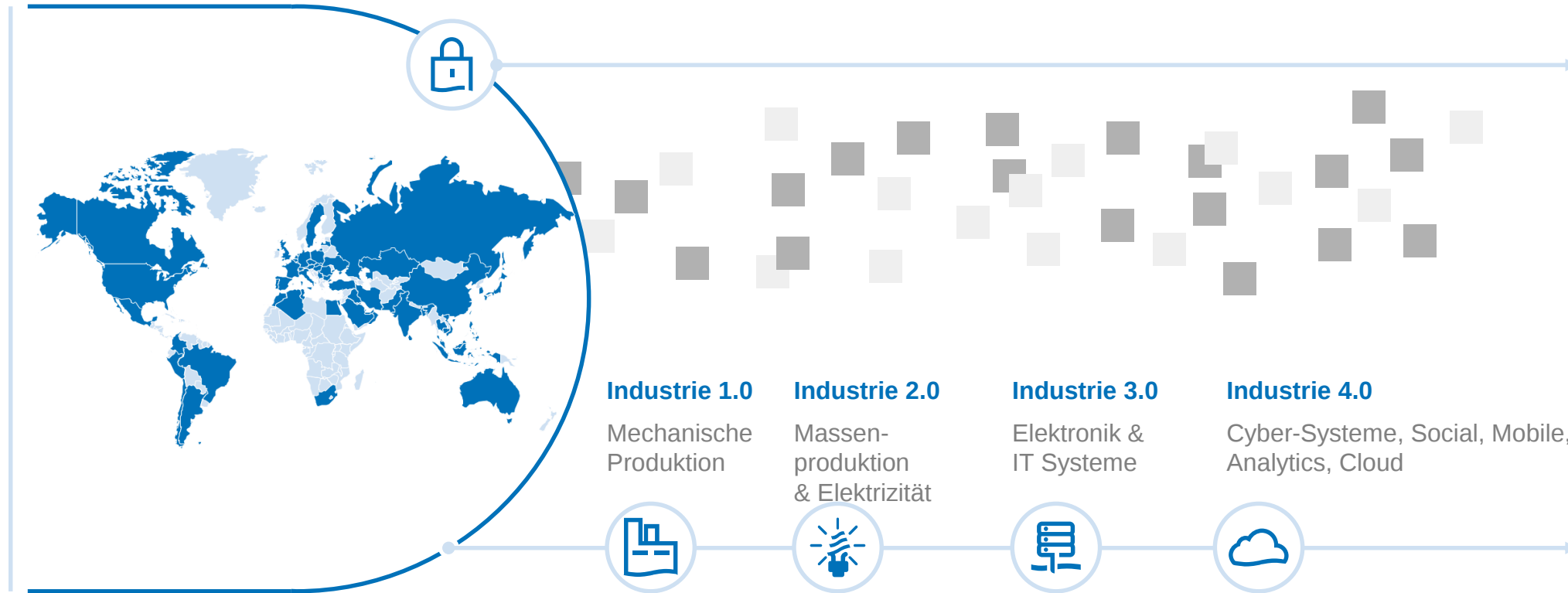
Sr. Sales Engineer, EMEA
Forcepoint

Agenda

Kapitel	Thema
1	TÜV Rheinland - Die nächste industrielle Revolution
2	Forcepoint - Ihr Weg zur digitalen Transformation

TÜV Rheinland - Die nächste industrielle Revolution

Prüfen und Schützen seit 1872



Die 4. industrielle Revolution wird durch die Nutzung von Cyber-Systemen definiert.





Confidential Data



[Identify Person]

Personal Data

Name

Home Address

Business Address

Identity Card No

Passport No

Driving License

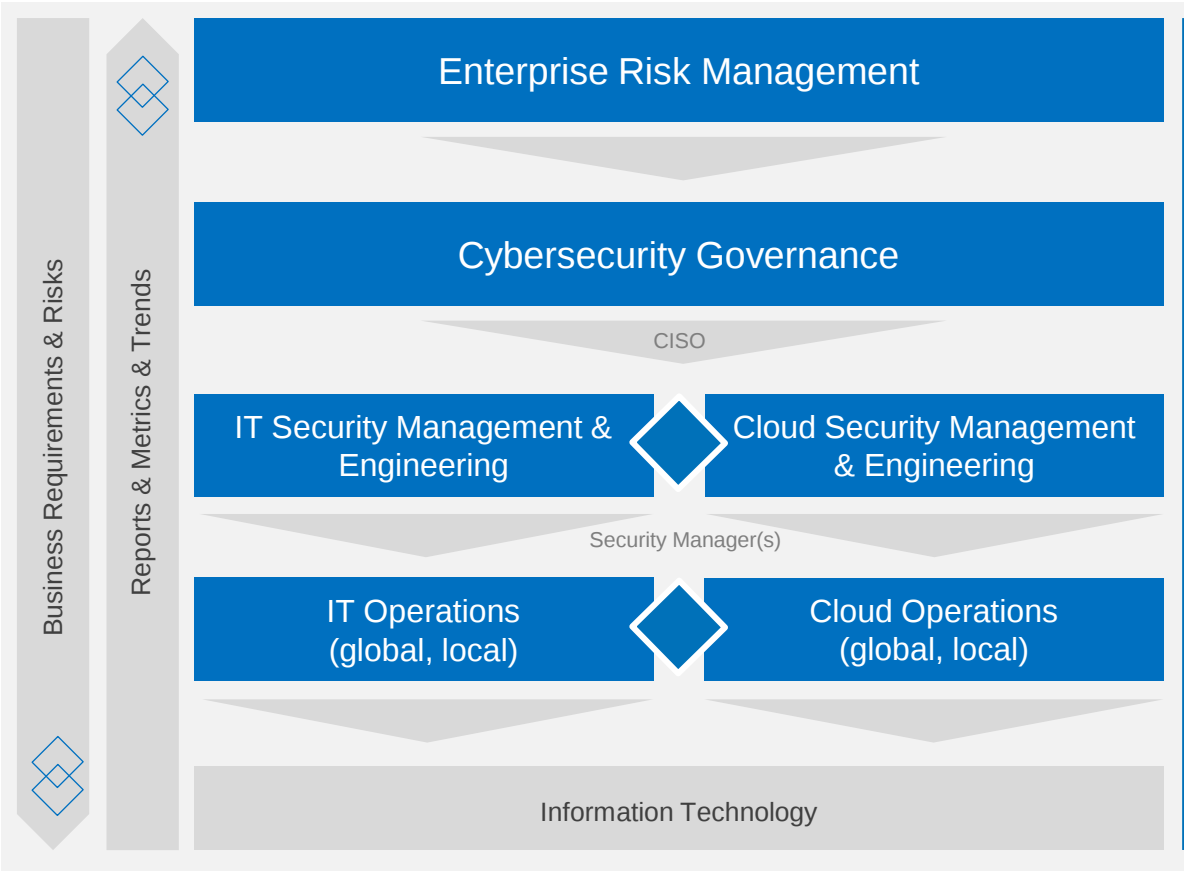
Income Tax No

Car Registration

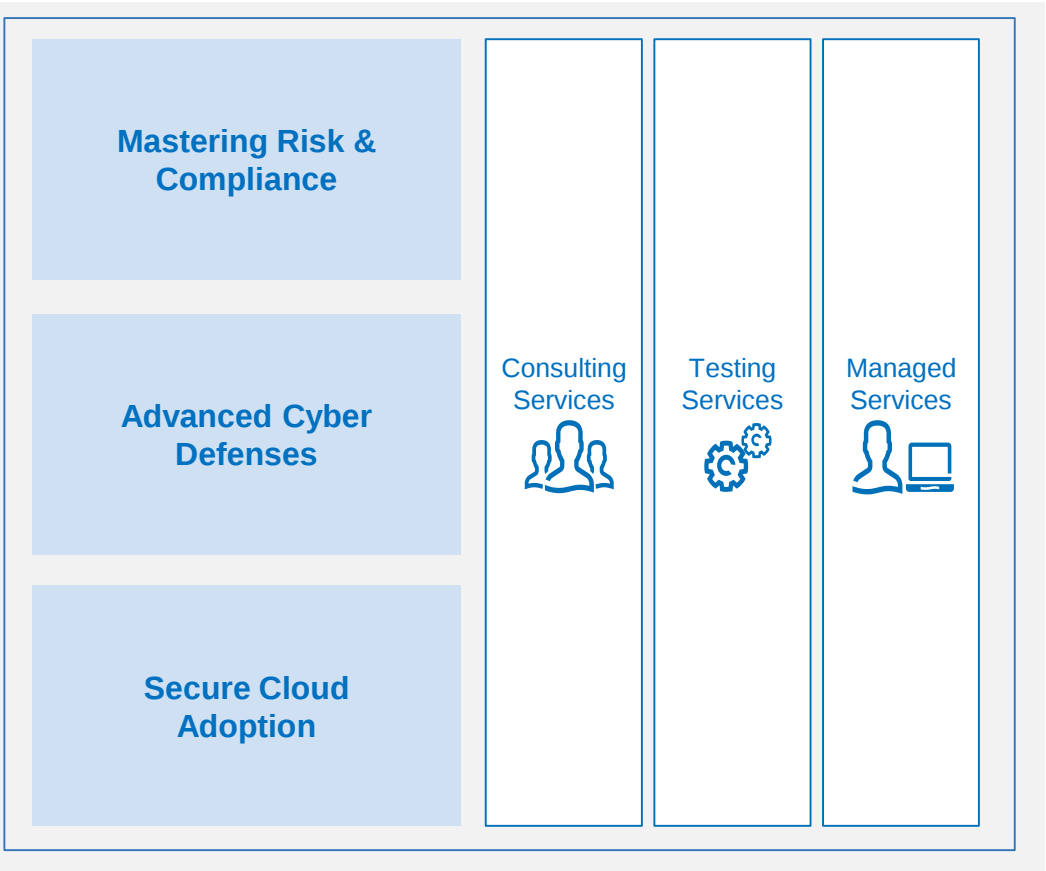
Other

TÜV Rheinland Cloud Cybersecurity

Envisioned Client Operating Model



TÜV Rheinland Cybersecurity Offering



Vorgehensmethodik



- Schritt 1: Analyse und Anforderungsdefinition. Dies ist die Grundlage für die weiteren Schritte.
- Schritt 2: Konzeption und Produktauswahl. Gemeinsam mit Ihnen planen unsere Experten welche Prozesse, Richtlinien, Lifecycle, Technologien, Konzepte und Architekturen notwendig sind. Weiterhin können wir spezielle Anforderungen in Ihrer Umgebung mit entsprechenden Proof of Concept (POC) testen.
- Schritt 3: Implementierung. Unsere Experten installieren gemeinsam mit Ihren Mitarbeitern die ausgewählten Lösungen in Ihrer Umgebung.
- Schritt 4: Betrieb. Unsere Experten unterstützen Sie beim Betrieb der jeweiligen Lösung.

FORCEPOINT

Ihr Weg zur digitalen
Transformation – Wie
CASB Ihre Applikationen,
Daten und User in der
Cloud schützt!

Michael Stanik

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CUSTOMER CONFIDENTIAL



STRONG GLOBAL FOOTPRINT

- ▶ 3,000 Employees
- ▶ 150 Countries
- ▶ 50 Offices
- ▶ 2,500 Partners
- ▶ Average Support CSAT 8.7- 8.9
- ▶ 380 Patents & Patent Applications
- ▶ 28 Data Centers



AMERICAS

EMEA

APAC

Certifications

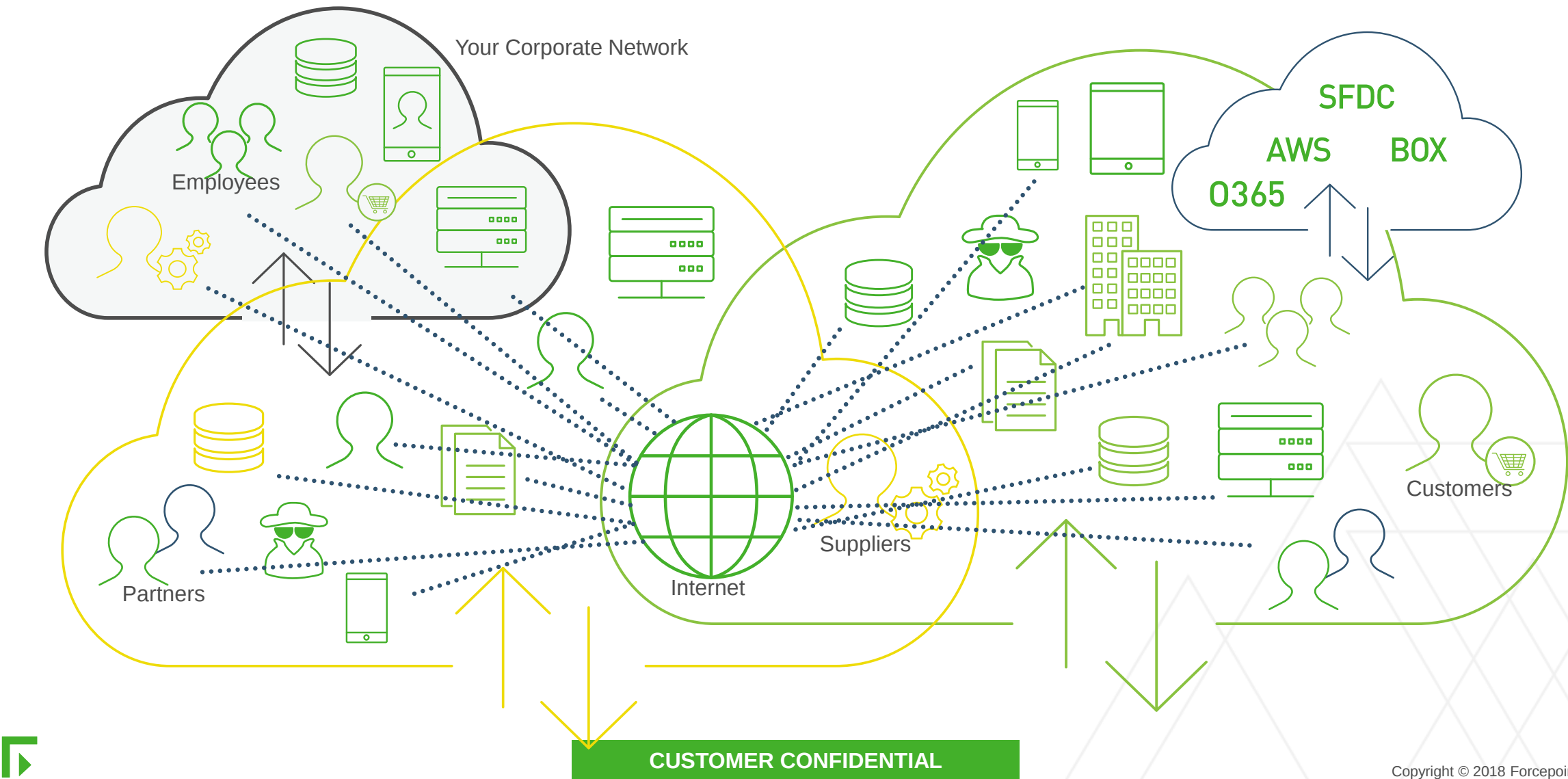
- Data Centers
 - ISO 27001.
 - SSAE16 SOC-1 Type II.
- Products / Operations / Services
 - ISO 27001
 - ISO 27018
 - CSA STAR



IT Challenges



HOW DO YOU SECURE A WORLD WHERE YOU OPERATE ON THE INTERNET BUT DON'T OWN THE INTERNET



CUSTOMER SECURITY NEEDS AS THEY ADOPT THE CLOUD

I need visibility into what my users are doing in the cloud to understand my risks and protect my users



I need to be able to monitor and control how my users interact with my critical cloud applications



I need security that helps me safely embrace the cloud



Sanctioned Cloud

What is a cloud access security broker (CASB)?



 RISK SUMMARY

 APP DISCOVERY

 COMPLIANCE

 AUDIT & PROTECT

User Risk Dashboard

8 / 52
USERS AT RISK

 **0** /3
ADMINS
& Power Users

 **8** /49
NON ADMIN
USERS

TOP HIGH RISK USERS showing 4/4



RISK ↑
500

Ira Insider
Since 07/29



RISK ↑
207

devin.eldred@ex...
Since 07/12



RISK ↑

141

James Cagle
Since 06/29



RISK ↑

141

Annette Vargas
Since 06/29

WATCHLIST [?]



Ira Insider
Last Activity: 07/29 3:42
Last Incident: 07/29 3:42

355



devin.eldred@extre...
Last Activity: 07/12 03:39
Last Incident: 07/12 03:38

207

Risk = Likelihood * Impact

UEBA – CLOUD SECURITY, SIMPLIFIED

Account Page



RISK↑
500

 Box

Ira Insider
Regional Sales Manager

BLOCKED

ADMINISTRATOR

 [Comments \(3\)](#)

Actions ▾

Expand info

📍 LOCATIONS



📱 DEVICES



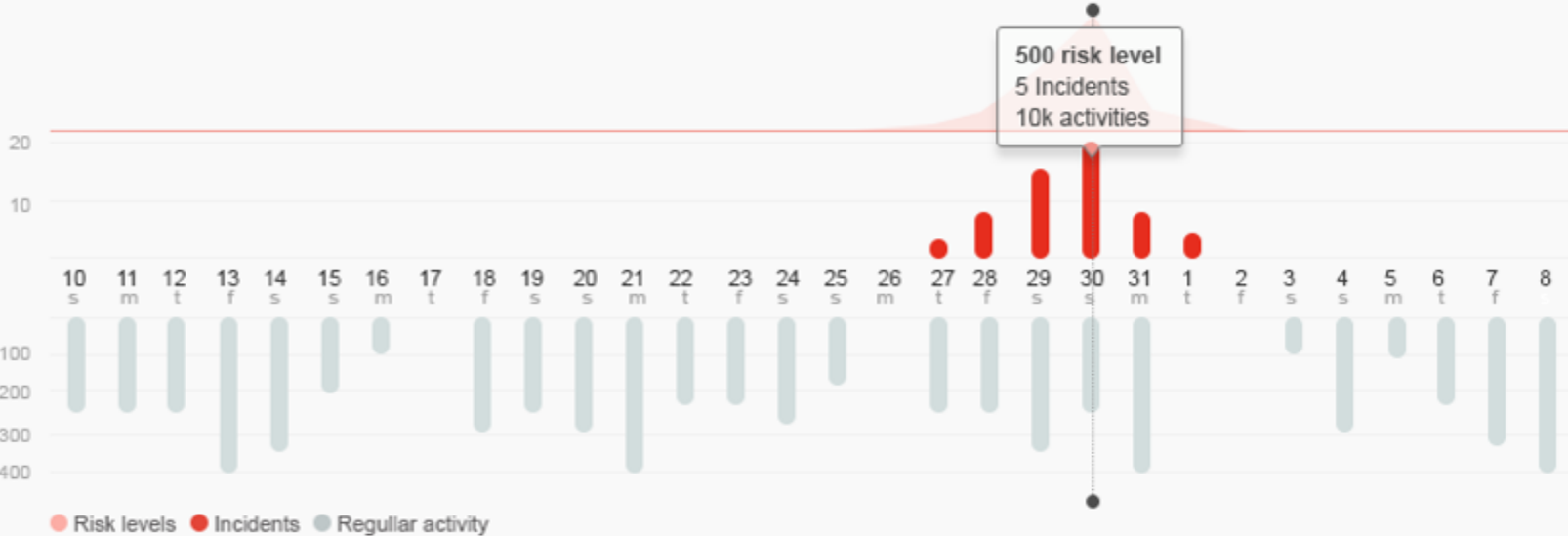
📅 INVESTIGATE

[All user activity ▾](#)
[22 incidents](#)
[10 quarantined files](#)

+

USER BEHAVIOR

Last 180 days ▾



500 risk level
5 Incidents
10k activities

● Risk levels ● Incidents ● Regular activity

INCIDENT TIMELINE

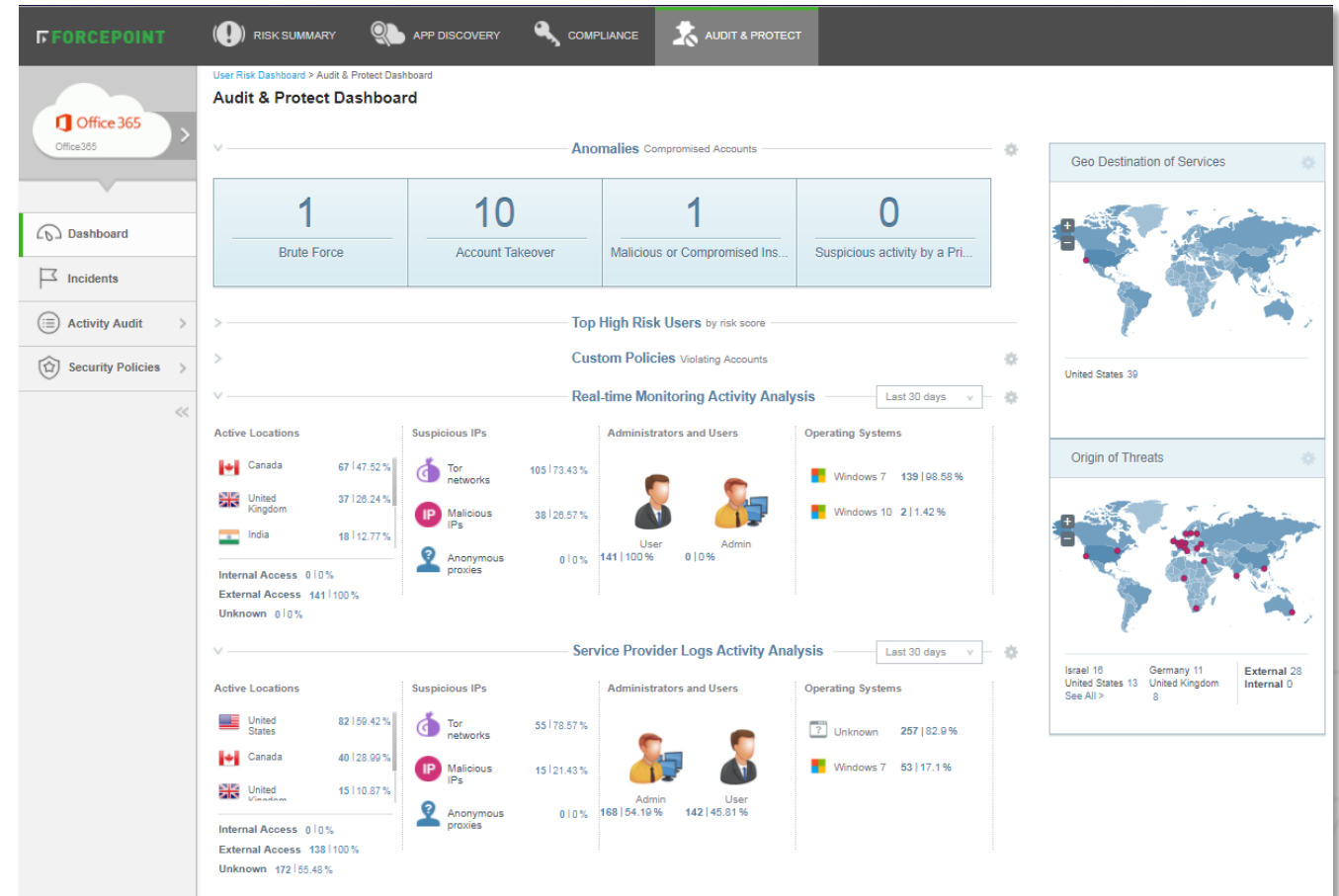
JUL 29

12:34  **Success from high-risk ip source | Account Takeover** **+120**

 Box

DETECT ANOMALIES AND PROTECT YOUR ORGANIZATION

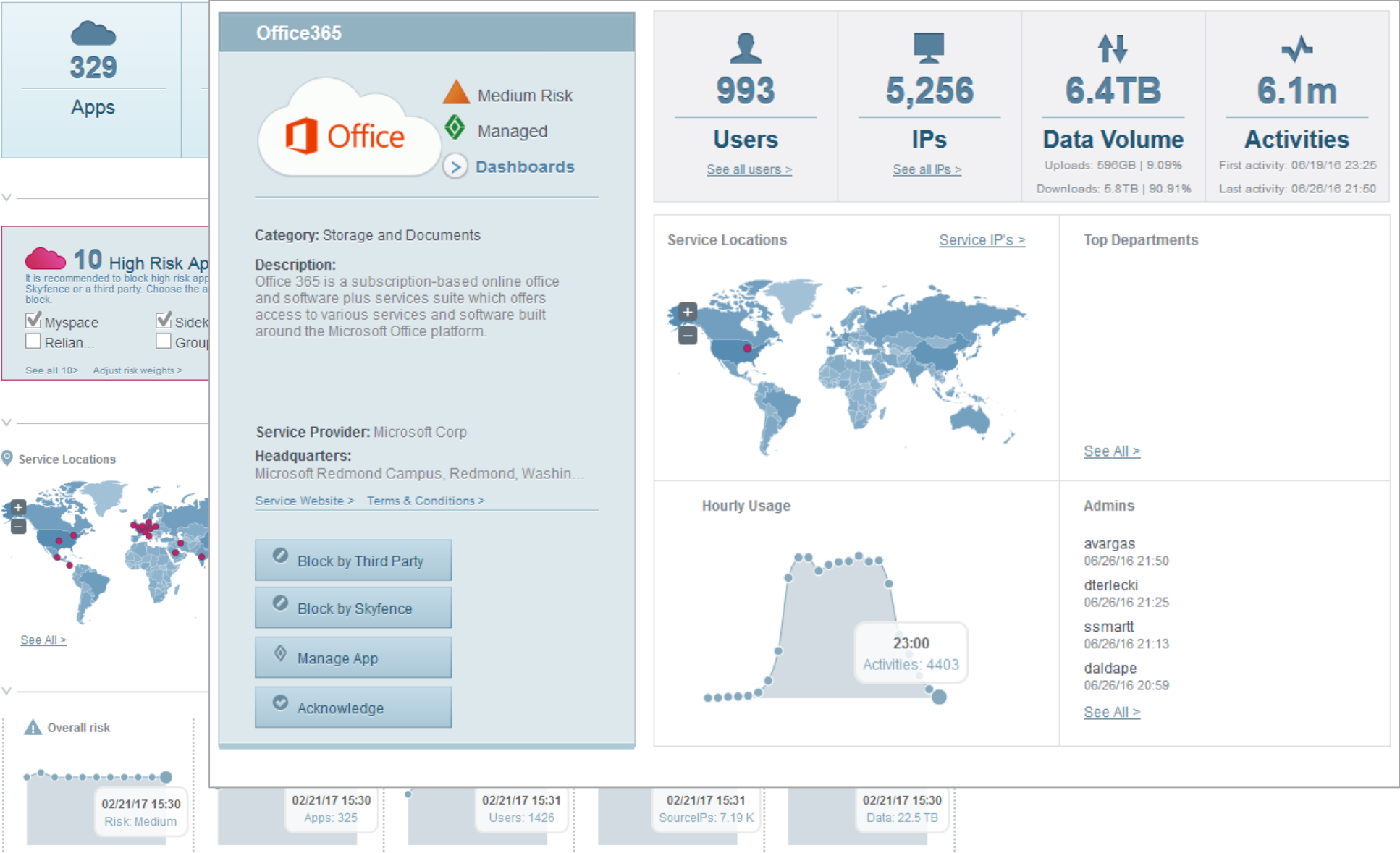
- ▶ Get alerted on brute force, account takeover, and other indicators of compromised accounts
- ▶ Both Proxy (Inline) and API (Offline) activity analysis
- ▶ Understand the severity by region and impact by account type



Unsanctioned Cloud (Shadow IT)



Cloud Discovery



Statt Erpressungstrojaner: Krypto-Miner auf dem Vormarsch

20.04.2018 11:42 Uhr – Dennis Schirmmacher

 vorlesen



(Bild: [Pixabay](#).)

Malware-Autoren setzen vermehrt auf bösartige Mining-Software. Dieses Jahr hat es einem Sicherheitsunternehmen zufolge erstmals mehr Infektionen dieser Art als mit Ransomware gegeben.

<https://www.heise.de/security/meldung/Statt-Erpressungstrojaner-Krypto-Miner-auf-dem-Vormarsch-4028279.html>

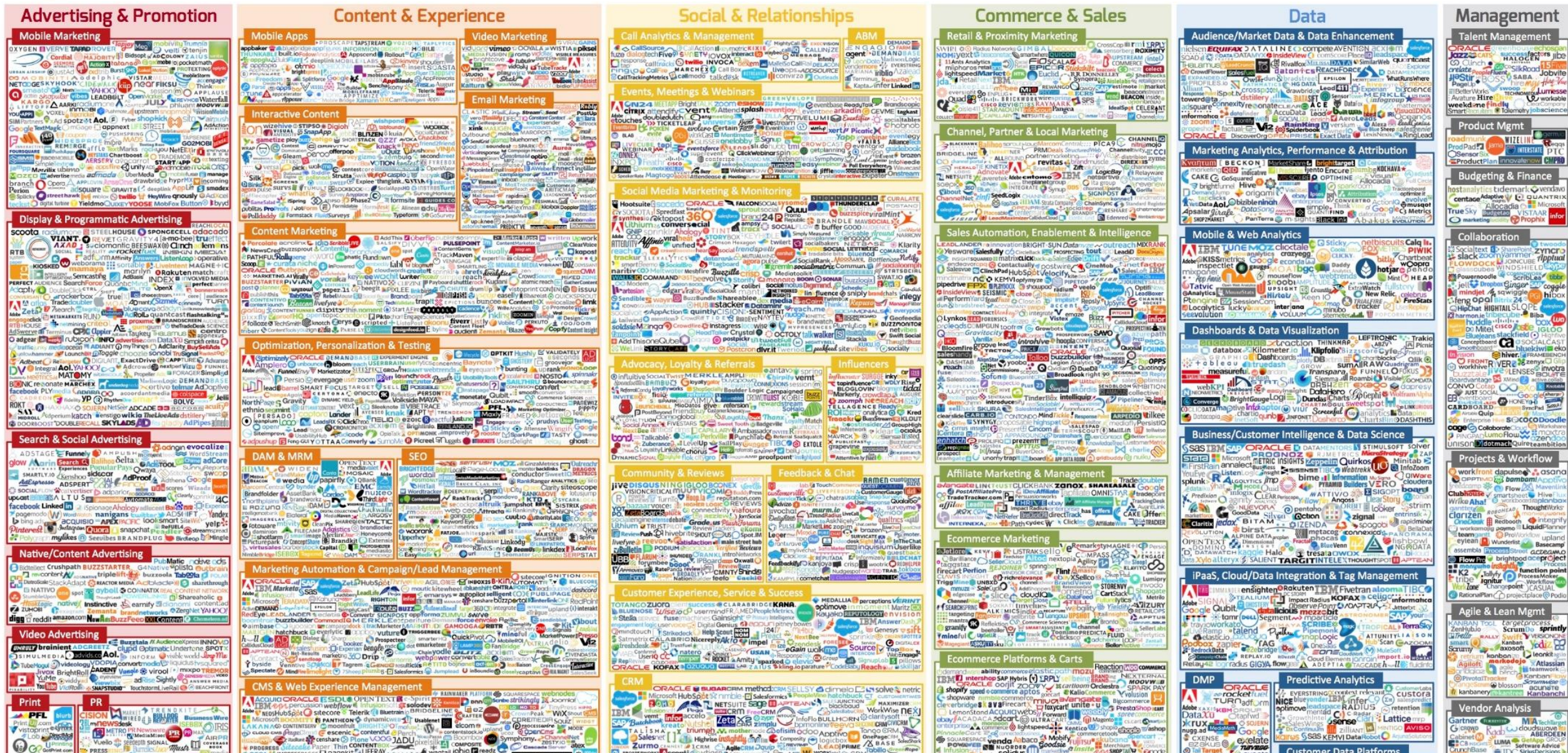
Security Risk Sites Blocked by Date

Date Range: 2018-04-11 - 2018-04-11

Date	URL	Requests
2018-04-11		
	6images.cgames.de	1
	849715076759606.mateti.net	3
	a1.zanox.com	30
	af.stroeerdp.de	4
	ancensored.com	5
	aqt.adalliance.io	54
	box.r66net.com	1
	cdn1.jameda-elements.de	44
	cdn2.jameda-elements.de	6
	cdn3.jameda-elements.de	7
	coinhive.com	11,970
	confirm.orders-ticketbar.eu	1
	delivery.content-recommendation.net	2

	2018-04-11	15:05:40	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:12	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:12	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:12	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:12	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:12	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:12	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:12	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:12	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:12	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:17	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:17	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:17	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:17	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:17	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:17	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:17	coinhive.com	Blocked with confirm option	1
	2018-04-11	15:06:17	coinhive.com	Blocked with confirm option	1
				Subtotal: 11.969	
				Total: 11.980	

Are you Ready for the Next Wave of Shadow IT?



Source: chiefmartec.com http://cdn.chiefmartec.com/wp-content/uploads/2016/03/marketing_technology_landscape_2016_3000px.jpg

The background of the slide is a blurred photograph of a group of people in a meeting or conference setting. They are seated around a table, and the focus is soft, emphasizing the text in the foreground.

Q&A

Kontakt

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