Shift Happens

Wie sich Cybercrime und IR in fünf Jahren verändert haben

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CSIRT
G DATA Advanced Analytics GmbH

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Principal Network Security Specialist
Head of CSIRT
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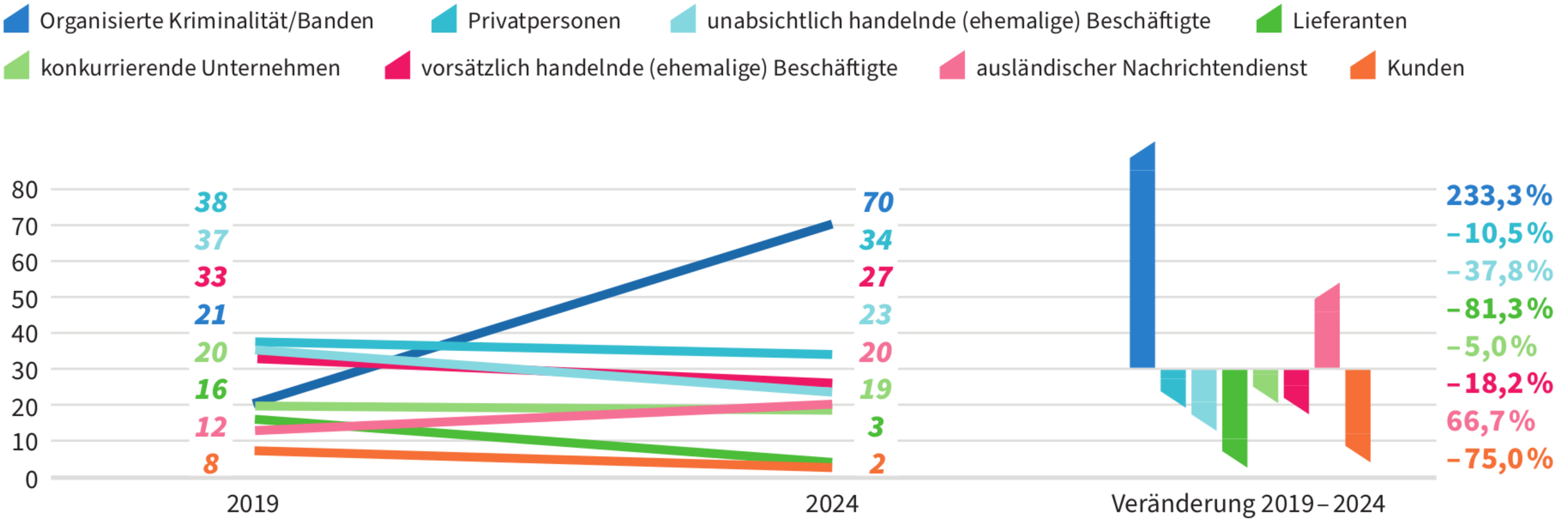
A long time ago

in a university hospital far, far away...

Gut organisiert

IT-Angriffe auf Unternehmen nach Täterkreis; Unternehmen mit mindestens zehn Beschäftigten und einem Jahresumsatz von 1 Mio. Euro oder mehr, die in den vergangenen zwölf Monaten von Diebstahl, Datendiebstahl, Industriespionage oder Sabotage betroffen waren (2024: n=812; 2019: n=801); Deutschland; in Prozent*

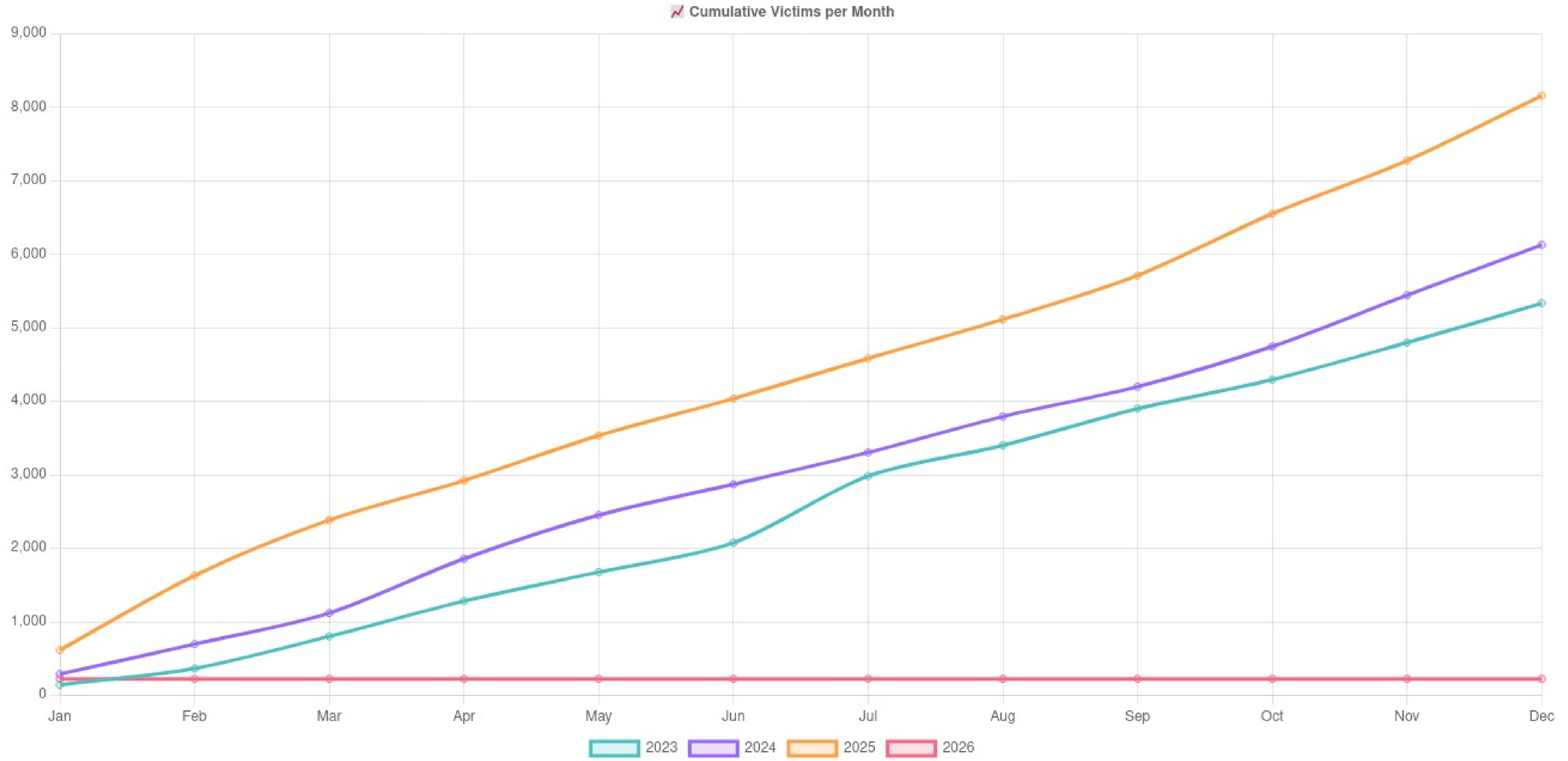
Von welchem Täterkreis gingen die Handlungen in den vergangenen zwölf Monaten aus?



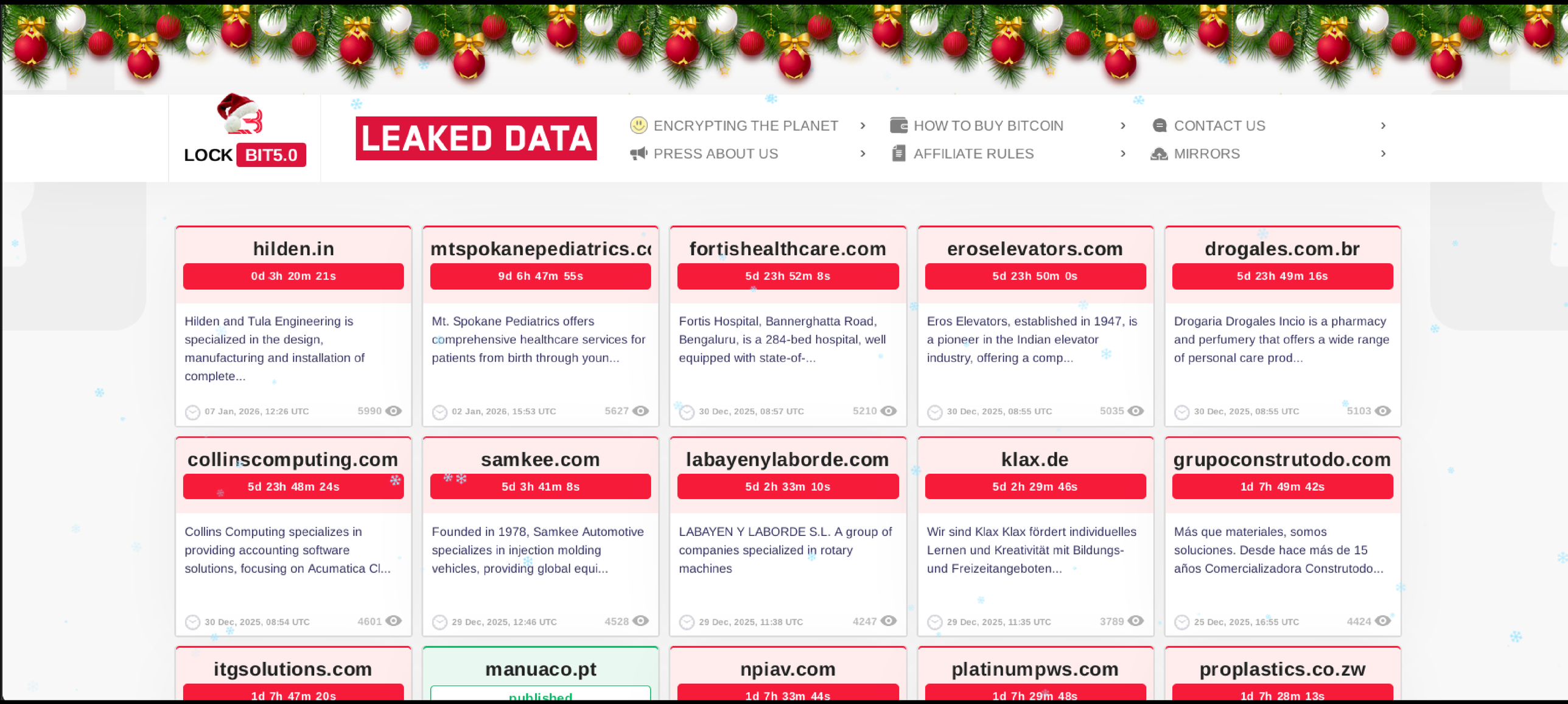
*Mehrfachnennungen möglich. Quelle: Bitkom

Quelle: Cybersicherheit in Zahlen 2025/2026

Cumulative Victims per Month (2023–2026)



Quelle: https://www.ransomware.live/stats



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LOCK BIT5.0

LEAKED DATA

ENCRYPTING THE PLANET › | HOW TO BUY BITCOIN › | CONTACT US ›

PRESS ABOUT US › | AFFILIATE RULES › | MIRRORS ›

AFFILIATE RULES

The immortal oldest Ransomware affiliate program LockBit is excited to welcome you.

We have been working since September 3, 2019 and we are not going to stop no matter how much the intelligence services around the world want us to stop.

Fachkräftemangel

Command I am trying to run a cmd file that calls a PowerShell script from cmd.exe, but I am getting this error:

Command Management_Install.ps1 cannot be loaded because the execution of scripts is disabled on this system.

Command I ran this command:

Command Set-ExecutionPolicy -ExecutionPolicy Unrestricted

Мануал по работе с сетями

от Bassterlord (FishEye)

Если только на нескольких машинах значит только права локальных администраторов и стоит искать другие учетные записи.

Если у нас нет открытых паролей а только хеши которые не вышло расшифровать мы рассмотрим уязвимости входа по хешам в разделе PASS THE HASH атак.

Если в открытом компьютере с красным диском C$ нет порта 3389 можно использовать тулзу psexec которую мы рассмотрим в отдельном разделе.

Если мы пробили через уязвимость сервер - определить его можно по следующим параметрам и сравнив айпи сессий:

Либо по имени хоста в котором присутствует DC

Например WHDC.domain.local (значения могут быть любыми нам важно узнать именно DC)

Тогда можно

В сессии сервиса выполнить команды

shell

net group

net group "Domain Admins" /domain

Это поможет узнать нам учетные записи администраторов домена и соответственно не отвлекается на обычных юзеров и их аккаунты.

Нам ведь важен уровень «БОГ» да?)

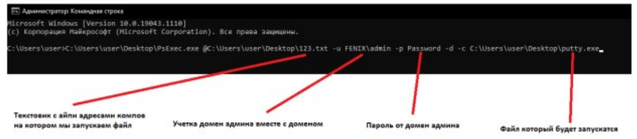
В этом разделе мы рассмотрим тулзу Psexec и чем она будет полезна на практике.

Первым делом она поможет нам запустить любой файл на всех тачках к которым у нас есть доступ.

Предположим у нас есть exe файл который нам нужно запустить

Открываем CMD перетаскиваем туда psexec.exe

и далее пишем следующее



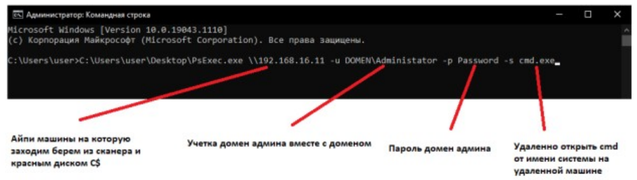
Если вы удалили все ав добавили исключения и сделали все как нужно данный exe будет запущен на всех компах.

Если вам нужно запустить файл от имени системы добавляем к параметрам -s -d -c файл.exe

Через Psexec можно получить и снять креды с удаленных компов если на них нет 3389 порта но учетка у нас есть.

Через сканер открываем папку C$ закидываем туда pesecdump.exe

и procdump.exe



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Strafverfolgungsbehörden

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THE SITE IS NOW UNDER CONTROL OF LAW ENFORCEMENT

This site is now under the control of The National Crime Agency of the UK, working in close cooperation with the FBI and the international law enforcement task force, 'Operation Cronos'.

7

NCA National Crime Agency
South West ROCU
Metropolitan Police
EUROPOL
POLITIE
Bundeskriminalamt
Kanton Zürich
Gendarmerie nationale
SH Schleswig-Holstein Landeskriminalamt
POLIISI Keskusrikospoliisi

SEIZED LOCKBIT 3.0

LEAKED DATA

THIS SITE IS NOW UNDER THE CONTROL OF THE UK, THE US AND THE CRONOS TASK FORCE

NCA National Crime Agency

EUROPOL

Press Releases

PUBLISHED

Updated: 01 Feb, 2024, 04:12 UTC 3947

LB Backend Leaks

PUBLISHED

NCA National Crime Agency

Updated: 31 Jan, 2024, 01:44 UTC 1182

Lockbitsupp

PUBLISHED

You've Been Banned From LOCKBIT 3.0

Updated: 31 Jan, 2024, 01:44 UTC 1182

Who is LockbitSupp?

PUBLISHED

The $10m question

Updated: 01 Feb, 2024, 04:12 UTC 31337

Lockbit Decryption Keys

PUBLISHED

LOCKBIT 3.0

Law Enforcement may be able to assist you to decrypt your Lockbit encrypted

Updated: 01 Feb, 2024, 04:12 UTC 3947

NEW

Rewards for Reporting

PUBLISHED

Collect up to $15,000,000 for providing information leading to the arrest of LockBit Administrators and Affiliates

Updated: 31 Jan, 2024, 01:44 UTC 1182

US Indictments

PUBLISHED

FBI Investigation Leads to a Total of 5 LockBit Affiliates Charged By the Department of Justice. Two of Those Indictments Released Today.

Updated: 31 Jan, 2024, 01:44 UTC 1182

Sanctions

PUBLISHED

United States Sanctions for Threat Actors Engaged in Significant Malicious Cyber Related Activity

Updated: 31 Jan, 2024, 01:44 UTC 1182

NEW

FR arrest warrants

PUBLISHED

JUNALCO

French Gendarmerie Investigation leads to a total of 3 Lockbit affiliates and related actors charged by the

UPDATED

Arrest in Poland

PUBLISHED

On 20/02/2024 a suspected LockBit actor was arrested in Poland on the request of French.

UPDATED

Activity in Ukraine

PUBLISHED

On 20/02/2024 a suspected LockBit actor was arrested in Ukraine on the request of France.

Report Cyber Attacks!

PUBLISHED

Please report your Cyber Incident. To enable Law Enforcement to take protective and disruptive action, it is vital that victims report attacks and

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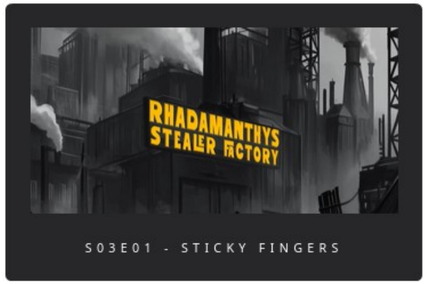
HOME NEWS SEASONS SUSPECTS PARTNERS CONTACT

SEASON 3

S03E02 - INTERLUDE



S03E01 - STICKY FINGERS

SEASON 2

S02E06 - YIN AND YANG

S02E05 - A GAMBLE TOO FAR?

S02E04 - CONSEQUENCES

SEASON 1

S01E09 - BONUS

S01E08 - NOT THE END

S01E07 - ODD ONE OUT

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HOME NEWS SEASONS SUSPECTS PARTNERS CONTACT

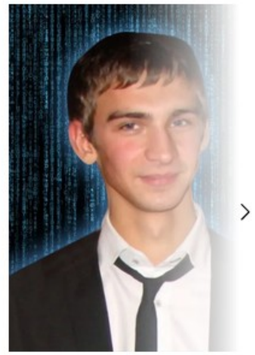
EU MOST WANTED

PROKOP, Roman Mikhailovich

SHARAFETDINOV, Iskander Rifkatovich

SEDLETSKII, Valerii

SHUPLIAKOV, Danil Alekseevich



TSAREV, Mikhail Mikhailovich

DANABOT

KALINKIN, Artem

STEPANOV, Aleksandr

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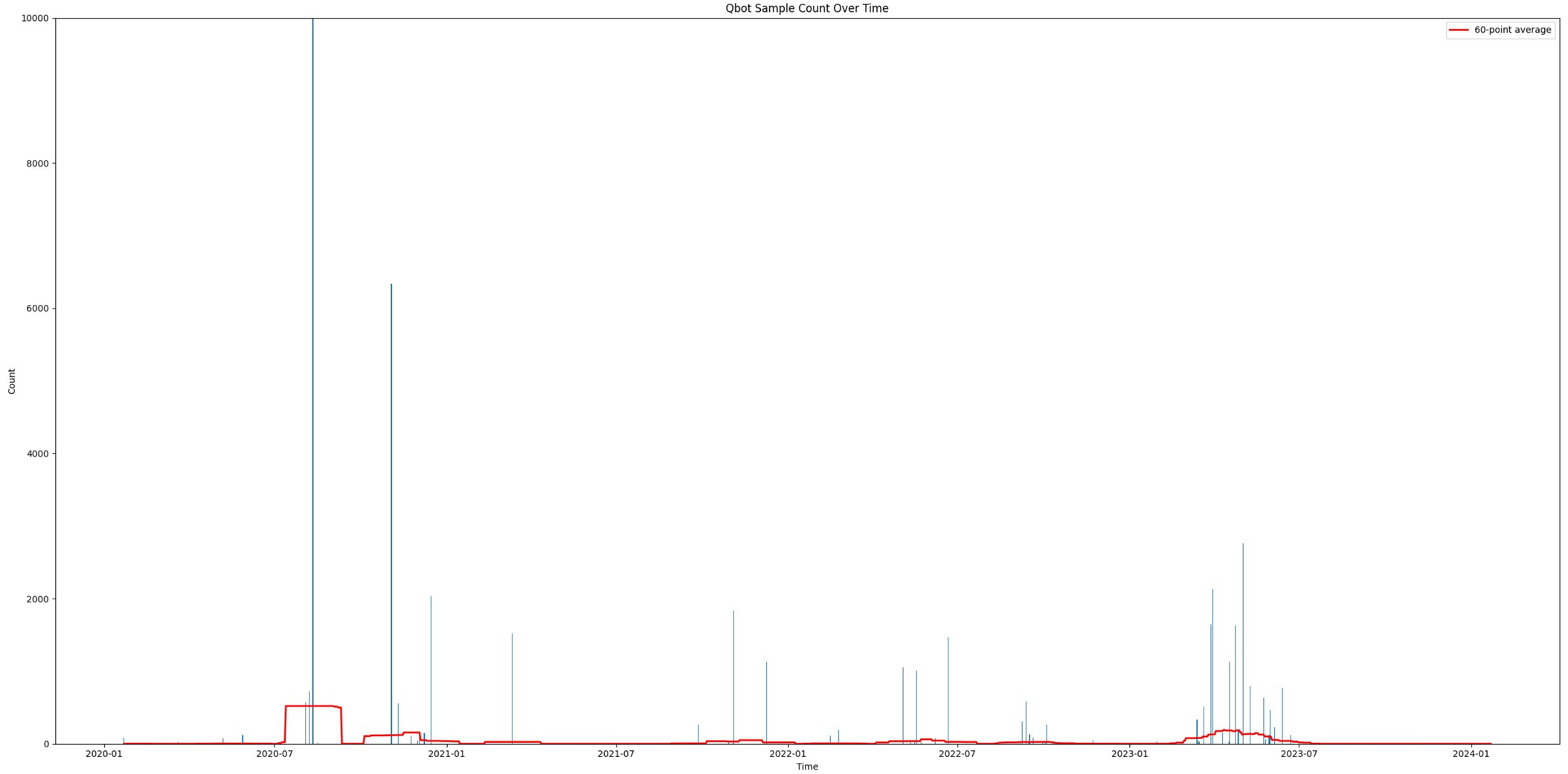

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Geopolitische Konflikte

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Cyberwar eher Informationskrieg als Zerstörung

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Ransomware als hybride Kriegsführung

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APT

Cambodia extradites alleged scam mastermind to China after arrest

8 January 2026

Share Save

Simon Fraser
Asia editor, BBC News website

Quelle: https://www.bbc.com/news/articles/cy4q8e88n2vo

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IR-Teams

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Kollaborative Tools statt Einzelplatzforensik

Triage statt Full Disk Forensik

Automatisierung statt Repetition

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AI ist Wechsel der Methoden,
nicht der grundlegenden Prinzipien

IT-Sicherheit ist kein technisches Problem, sondern ein organisatorisches + wirtschaftliches

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Verteidigung mit bekannten Mitteln

1. VPN + 2FA
2. Netzwerksegmentierung
3. Monitoring
4. Backups
5. Notfallhandbuch

Vielen Dank für Ihre Aufmerksamkeit,
bis (hoffentlich erst) nächstes Jahr!

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