

#/viris[  Q *]

Kibernetiske grožnje –
poslovna tvegovanja, ki
jih ne moremo več
ignorirati

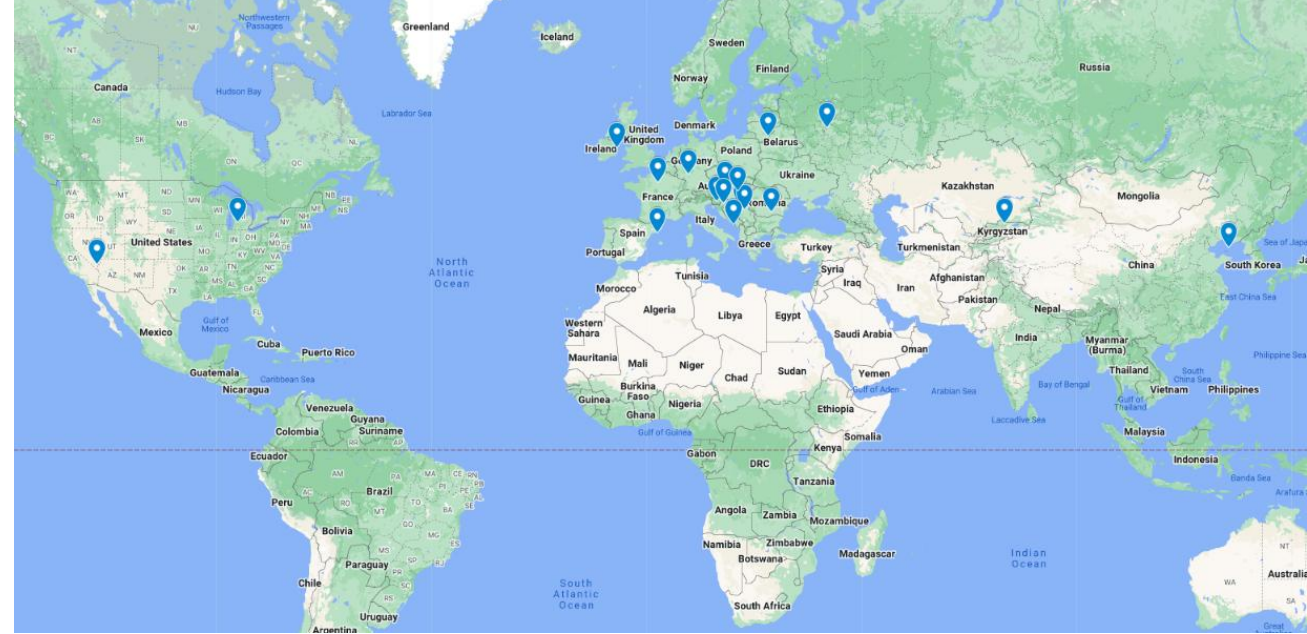
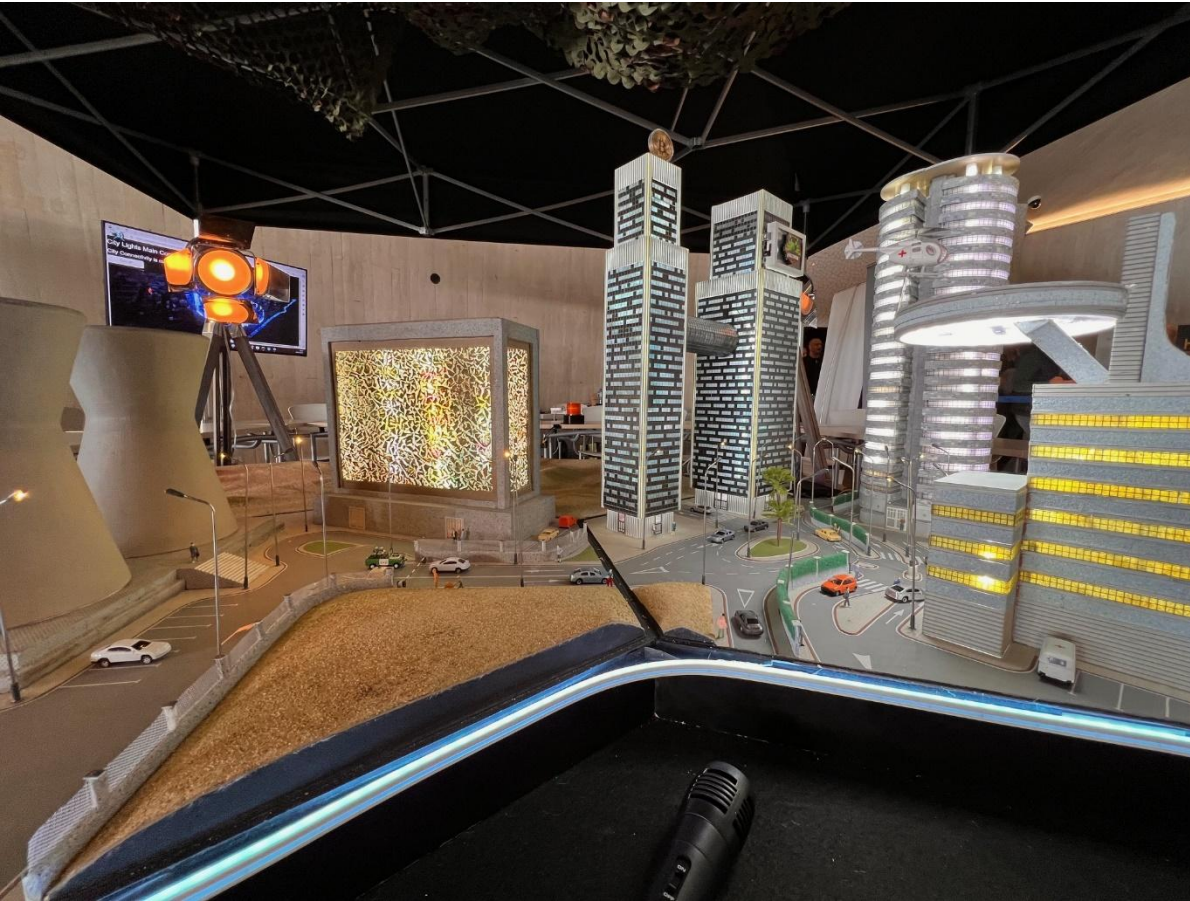
MILAN GABOR



Sekcija za Kibernetisko Varnost

Milan Gabor/

- Etični heker





Russian hackers stole Microsoft corporate emails in month-long breach

By [Lawrence Abrams](#)

January 19, 2024

07:02 PM

5



Microsoft warned Friday night that some of its corporate email accounts were breached and data stolen by a Russian state-sponsored hacking group known as Midnight Blizzard.

The company detected the attack on January 12th, with Microsoft's investigation ultimately determining that the attack was conducted by Russian threat actors known more commonly as [Nobelium](#) or APT29.

Ko gorijo oblaki



Our investigation found that a consumer signing system crash in **April of 2021** resulted in a snapshot of the crashed process ("crash dump"). The crash dumps, which redact sensitive information, should not include the signing key. In this case, a race condition allowed the key to be present in the crash dump (this issue has been corrected). The key material's presence in the crash dump was not detected by our systems (this issue has been corrected).

We found that this crash dump, believed at the time not to contain key material, was subsequently moved from the isolated production network into our debugging environment on the internet connected corporate network. This is consistent with our standard debugging processes. Our credential scanning methods did not detect its presence (this issue has been corrected).

After April 2021, when the key was leaked to the corporate environment in the crash dump, the Storm-0558 actor was able to successfully

Microsoft key stolen by Chinese hackers provided access far beyond Outlook

[Derek B. Johnson](#) July 21, 2023

The private encryption key used by Chinese hackers to break into the email accounts of high-level U.S. government officials disclosed last week also gave them access to a vast array of other Microsoft products, according to new research from cloud security firm Wiz.

On July 11, the Redmond-based tech giant [disclosed](#) that a threat actor linked to the Chinese government had — through an acquired Microsoft private encryption key — forged authentication tokens that [gave them access](#) to Exchange Online Outlook email accounts for more than 25 organizations, including government agencies.

In a blog post published Friday, Shir Tamari, head of research at Wiz, [said](#) further investigation has revealed the compromised key would have given the hacking group, which Microsoft calls Storm-0558, access to far more than Outlook, spanning many other Microsoft services that uses the same authentication process.

"Our researchers concluded that the compromised MSA key could have allowed the threat actor to forge access tokens for multiple types of [Azure Active Directory](#) applications, including every application that supports personal account [drive, customers' applications that](#)

CrowdStrike Chaos Highlights Key Cyber Vulnerabilities with Software Updates

Posted on July 30, 2024



Earlier this month, a software update from the cybersecurity firm CrowdStrike caused Microsoft Windows operating systems to crash—resulting in potentially the largest IT outage in history.

Disruptions were widespread. Around the world, businesses and services were unable to operate as computers crashed, and some critical infrastructure sectors (like transportation, healthcare, and finance) were disrupted. For example, commercial flights were grounded, critical hospital care was interrupted, and financial institutions were unable to service clients.

Here at GAO, we have long [highlighted](#) concerns for Congress about IT vulnerabilities, a lack of security awareness, poor cyber hygiene, and a need for more cyber preventative measures to combat disruptions like the CrowdStrike outage. In our prior work, we have identified risks to the nation's critical infrastructure sectors and in the supply chain of software supporting IT systems.

Related Posts



via: ifgindstock.adobe.com

Blog Post

**The Next Big Cyber Threat
Could Come from**

Lokalno okolje?

SLOVENIJA

Direktor: 'vojni napad' lekarne stal več kot dva milijona evrov

Ljubljana, 08. 08. 2019 08.31 |

 PREDVIDEN ČAS BRANJA: 3 min



AVTOR
/M.V., M.S. / STA



KOMENTARJI
152



Lekarna Ljubljana je po treh dneh nedelovanja znova vzpostavila centralni informacijski sistem, vanj pa je že vključenih več lekarn. V drugih enotah trenutno še vedno izdajajo zdravila na papirnat recept, nakup zdravila pa ni mogoč. Po besedah direktorja Marjana Sedeja je nastalo za več kot dva milijona evrov škode.

Hekerski napad na HSE razkriva vrsto golih cesarjev

Zaradi vdora ohromljeni Holding Slovenske elektrarne vzbuja dvome o varnosti kritične infrastrukture.



Kibernetski napad na spletno stran predsednice republike. Hakerji napovedujejo še več napadov.

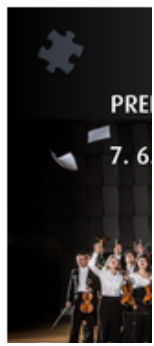
SI-CERT: Ne gre za vdor v sistem

Hakerji so napadli uradno spletišče predsednice republike, ki je zdaj spet dosegljivo. SI-CERT je potrdil, da ni šlo za vdor v sistem, temveč zgolj za upočasnitev delovanja in da so podatki varni.



This site can't be reached

www.predsednica-slo.si took too



Eno večjih slovenskih podjetij tarča kibernetkega napada

NOVICE •  Forbes Slovenija • 14. maja, 2024 11:16 > 14. maja, 2024 11:36



»Če hočete izvedeti, kako bo videti digitalna apokalipsa, pojdite v Maribor«

Univerza je v stiku z ustreznimi organi in IT-strokovnjaki in se trudi vzpostaviti sistem. Odpravljanje škode bi lahko trajalo več tednov.



SLOVENIJA

V Telekomu Slovenije zaznali kibernetški incident

Ljubljana , 26. 02. 2025 15.36 | Posodobljeno pred 28 dnevi

 PREDVIDEN ČAS BRANJA: 1 min



V družbi Telekom Slovenije so zaznali kibernetški incident, v katerem so bili razkriti nekateri interni poslovni podatki. Zaradi interesa preiskave v tem trenutku ne morejo razkriti podrobnosti. So pa poudarili, da ni prišlo do vdora v zbirke podatkov o njihovih naročnikih ali o komunikacijah slednjih.

ZADEVA V PREISKAVI



Okužena javna uprava: sporen nakup nevarnih kitajskih USB ključkov

Etični heker: "Pri USB ključkih obramba pred kibernetскими napadi odpove."

"Mnogi uporabniki se ne zavedajo, da brisanje datotek z USB ključka ne pomeni trajnega izbrisa. Že 'prazna' naprava, ki je vsebovala občutljive dokumente, še vedno predstavlja



LCP



FCP



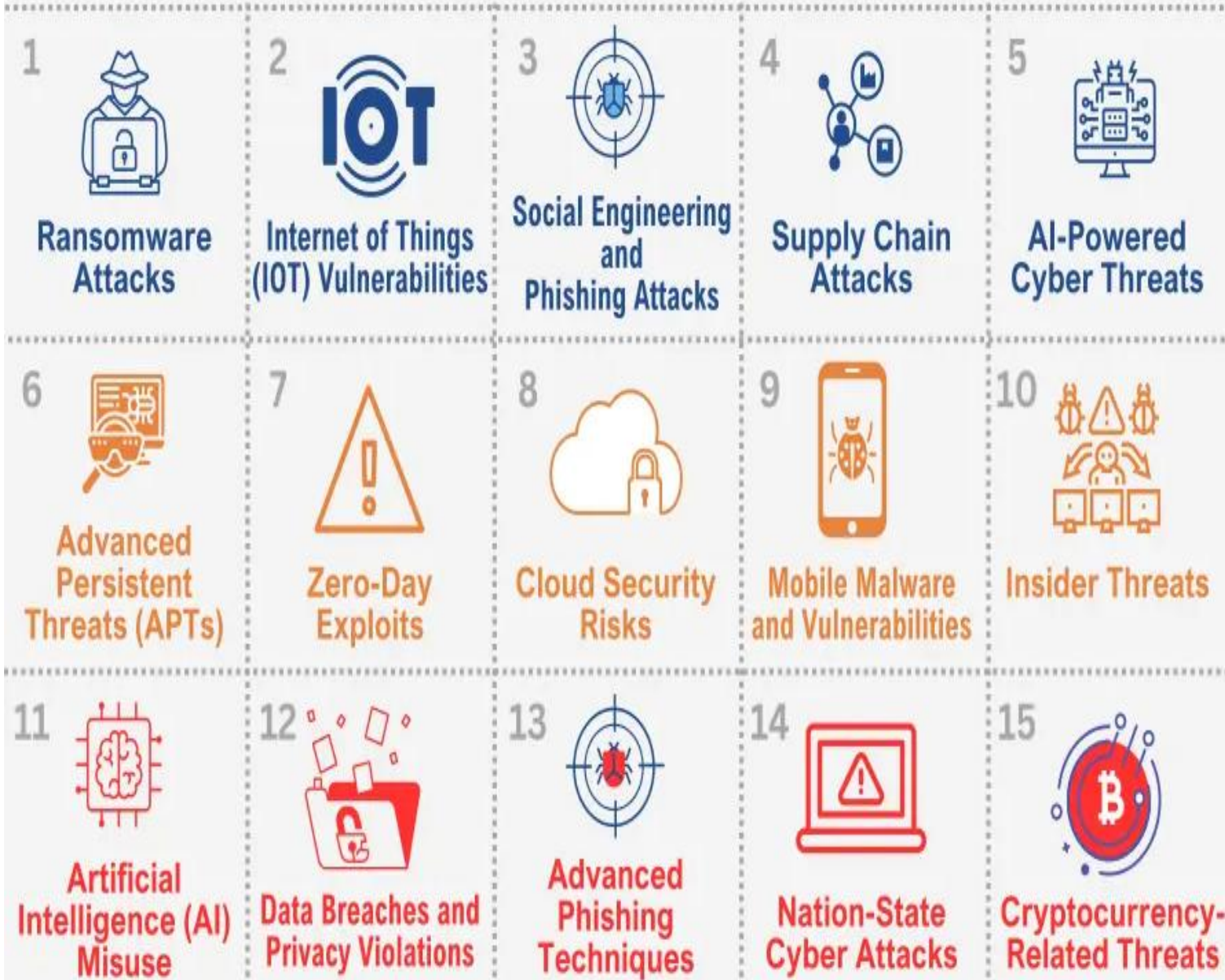
CLS



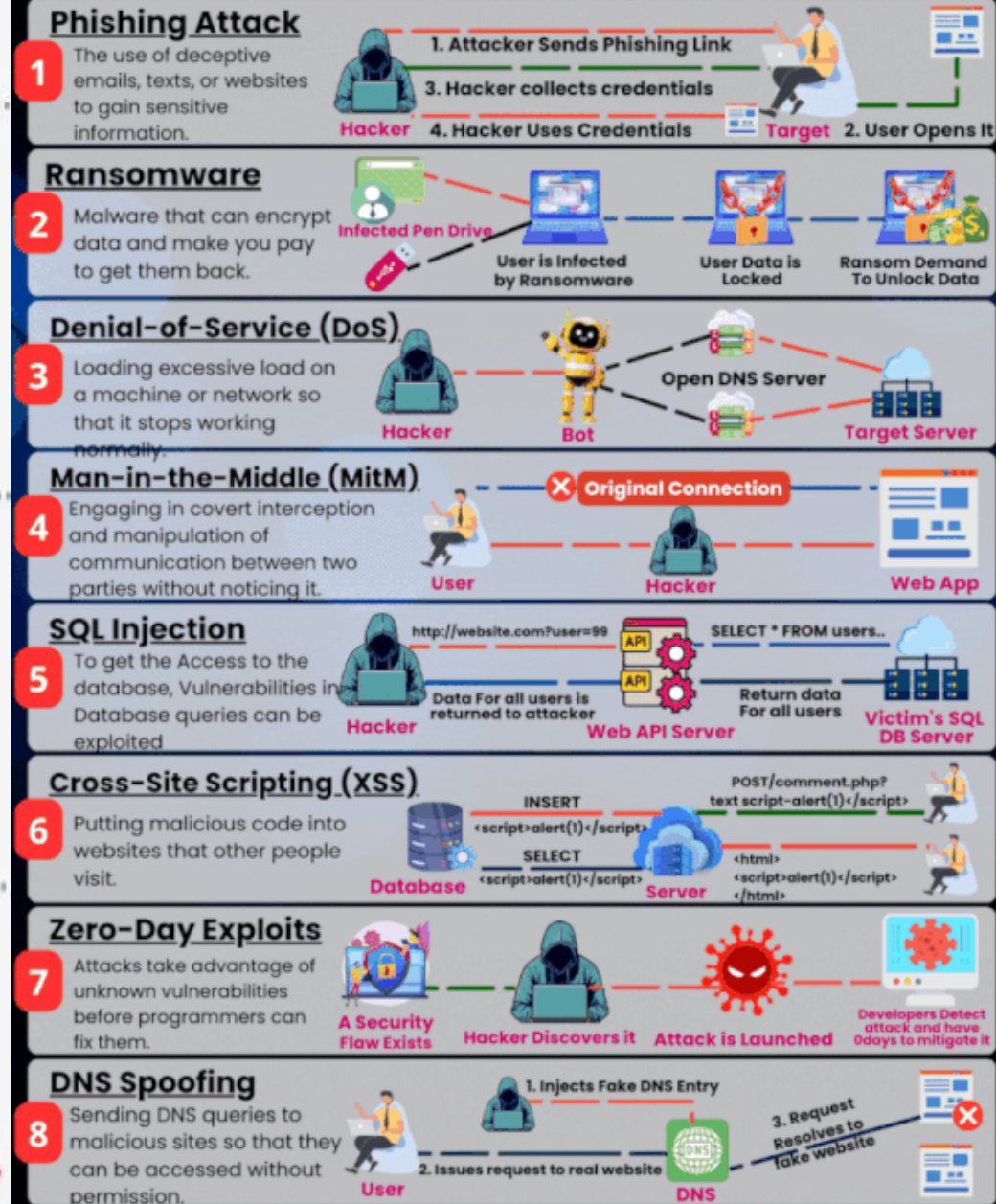
TOP 10 EMERGING CYBER- SECURITY THREATS FOR 2030



TOP 15 CYBERSECURITY THREATS



Top 8 Cyber Attacks – 2024



TOP 2025 CYBER THREAT PREDICTIONS BY CYEN

①



Technology Abuse

AI or quantum decryption-enabled sensitive data breaches.

②



Supply Chain Attacks

Massive hacks enabled by a single company breach.

③



Ransomware

Growing number of easy but lucrative hacks (SMEs target).

④



Denial of Services

As a political instrument in growing geo-political crises

⑤



Non-compliance

With new EU, US regulations, new cyber risk grows: fines, claims, legal liability.

Prepare for the worst and hope for the best!

CYEN

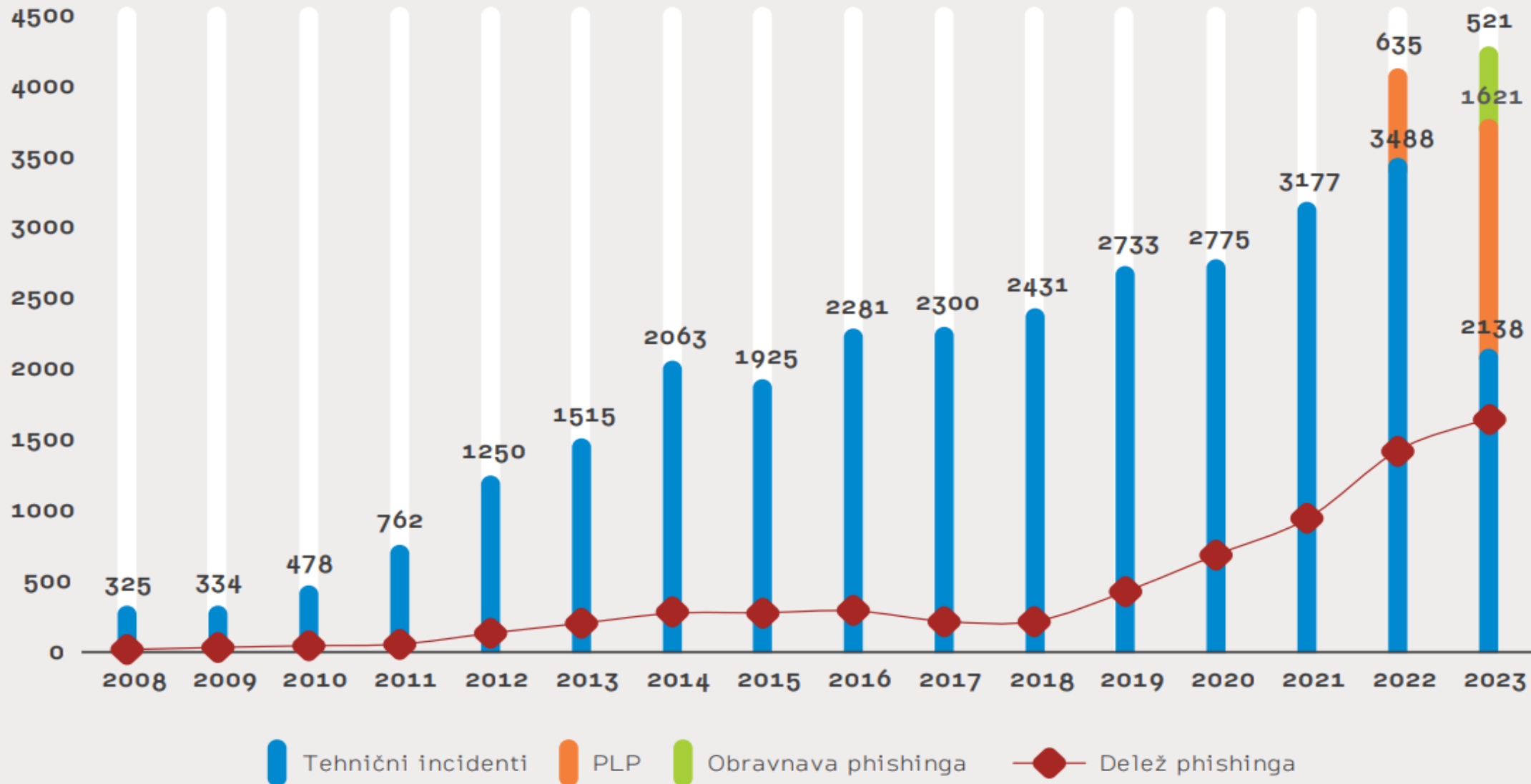
Neverjetne statistike: tudi v Sloveniji več milijonov škode

Razsežnosti kibernetnega kriminala so iz leta v leto večje, in če mislite, da vaše podjetje ne more postati tarča, se motite.

Slovenija prav nič ne zaostaja

Tudi v Sloveniji kibernetne grožnje naraščajo in postajajo vse bolj prefinjene. Podjetja in posamezniki se spopadajo z večjo nevarnostjo t. i. smishing napadov (SMS-sporočila, namenjena kraji finančnih podatkov), direktorskih prevar in kripto investicijskih goljufij, je razvidno iz zadnjega poročila nacionalnega odzivnega centra za kibernetno varnost SI-CERT. Poročilo poudarja potrebo po povečanju ozaveščenosti in preventivnih ukrepov, saj so napadi z vsakoletnim porastom škode postali resna grožnja za gospodarstvo in prebivalstvo. Podatki, ki jih navaja poročilo, so osupljivi: slovenska policija zazna kar 27,5 milijona evrov škode v različnih goljufijah, največji porast je v kategoriji investicijskih prevar, kjer so zaznali kar 13 milijonov evrov škode.**

INCIDENTI SKOZI LETA



PRIJAVITELJI PO SEKTORJIH

924 (12%)

fizična oseba

606 (12%)

druge pravne osebe

269 (12%)

bančništvo

116 (5%)

raziskovanje in izobraževanje

60 (3%)

državni organi

40 (2%)

operater elektronskih komunikacij

22 (1%)

zdravstvo

20 (1%)

energija

20 (1%)

promet

6 (0%)

digitalni trg

5 (0%)

digitalna infrastruktura

2 (0%)

pitna voda

2 (0%)

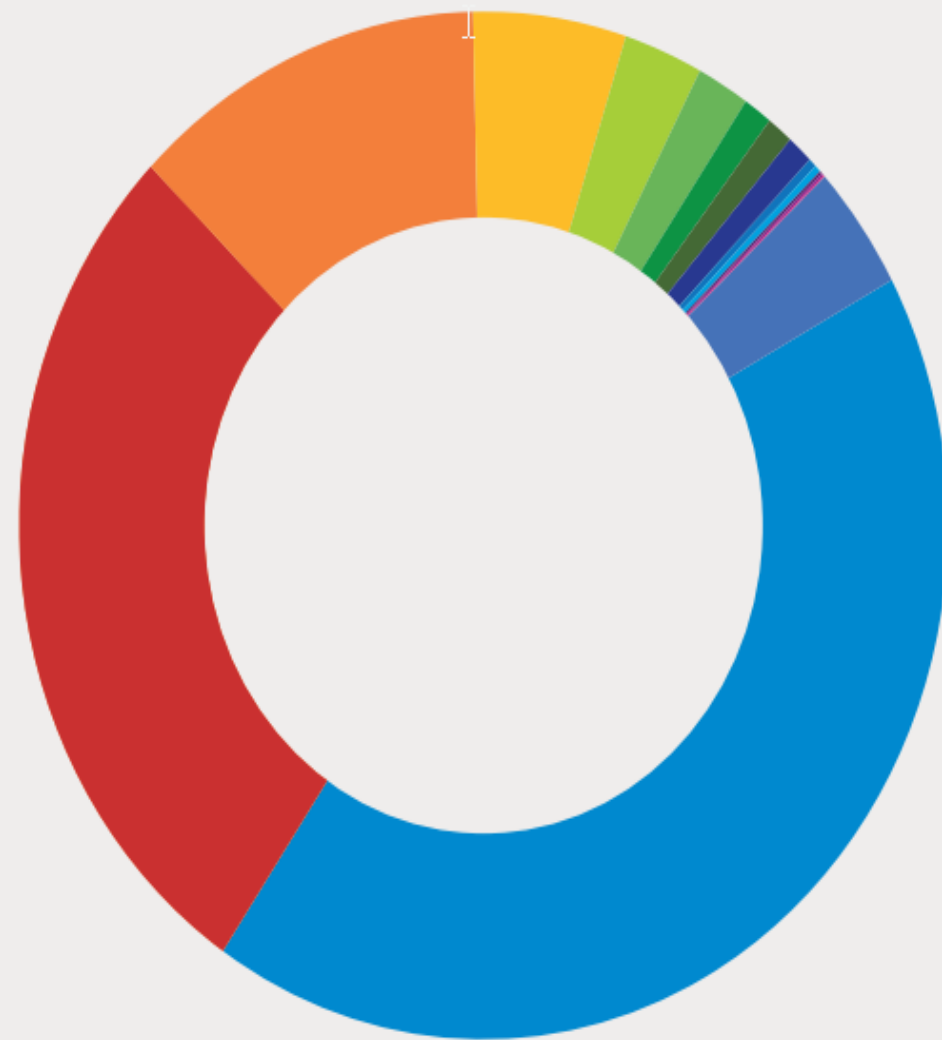
oblačno računalništvo

1 (0%)

finančni trgi

86 (4%)

drugo



ATTACKS PER ORGANIZATION

The overall global attacks against organizations significantly increased in the past year, with the average number of weekly attacks per organization reaching 1,673. This is 44% higher than in 2023. Figure 3 illustrates the average number of weekly attacks per organization by industry. In 2024, there was a significant increase in the number of attacks per week across most sectors. The education sector experiences the highest volume, with a 75% year-over-year (YoY) increase, surpassing an average of 3,574 weekly attacks. Education institutions were specifically targeted for personal information collection. This persistent rise in attack rates impacts universities, schools, and educational departments and services.

The healthcare sector also witnessed a 47% increase in average weekly attacks. Cyber criminals are increasingly abandoning their previous self-imposed prohibitions against targeting healthcare services. The health sector is particularly vulnerable to prolonged service disruptions (as noted in the earlier Ransomware section) and the highly sensitive nature of patient data they hold.

The technological supply chain sector, including software, hardware, and semiconductor companies, also experienced a significant surge in cyberattacks. Notably, the hardware and semiconductor industries saw the sharpest rise, with a staggering 179% increase in average weekly attacks, with the total number now exceeding 1,400. This spike can be attributed to the growing global demand for hardware and the heightened focus on AI technologies. As critical components of modern infrastructure and innovation, these industries have become prime targets for cyber criminals seeking to exploit supply chain vulnerabilities for financial gain, espionage, or disruption.

THE OVERALL GLOBAL ATTACKS AGAINST ORGANIZATIONS SIGNIFICANTLY INCREASED IN THE PAST YEAR, WITH THE AVERAGE NUMBER OF WEEKLY ATTACKS PER ORGANIZATION REACHING 1,673. THIS IS 44% HIGHER THAN IN 2023

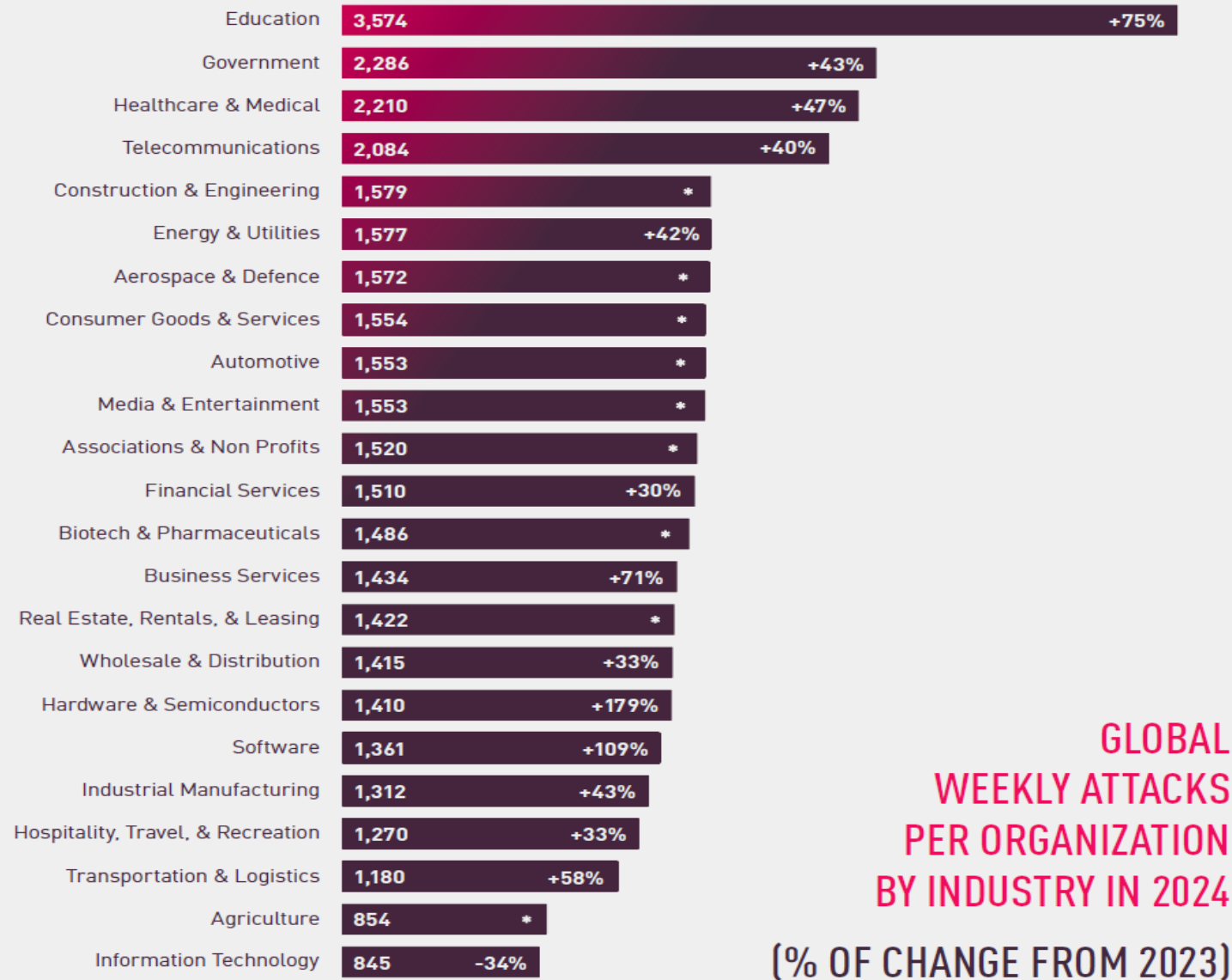
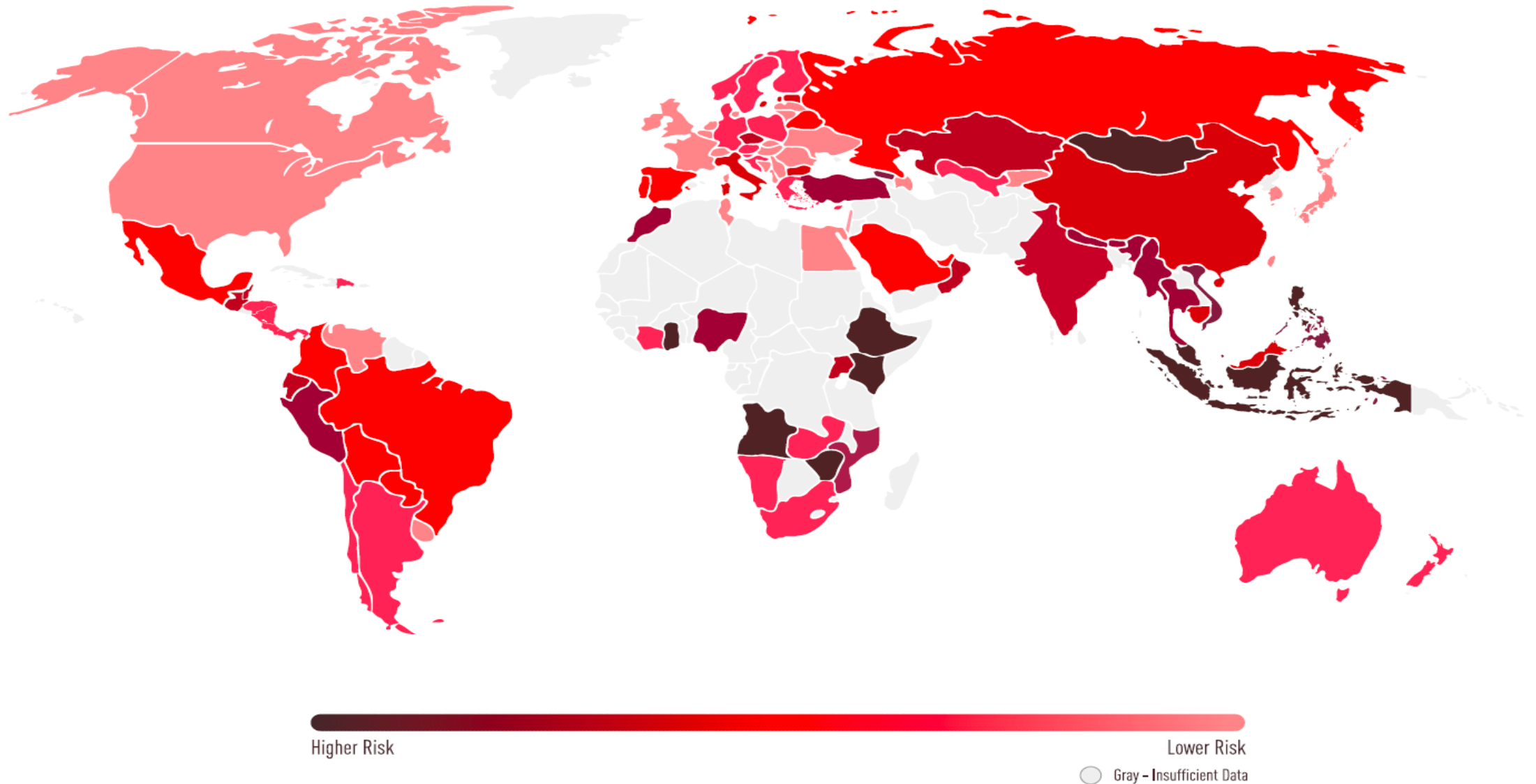


Figure 3 - Global average of weekly attacks per organization by industry in 2024 [% of change from 2023].
[*] Newly introduced sectors which were not part of the previous report.

GLOBAL THREAT INDEX MAP



The state of Cyber Security 2025 by Check Point

Figure 2 - The map displays the cyber threat risk index globally, demonstrating the main risk areas around the world.

"THERE ARE TWO KINDS OF BIG COMPANIES, THOSE WHO'VE BEEN HACKED, AND THOSE WHO DON'T KNOW THEY'VE BEEN HACKED."

-JAMES COMEY, FORMER FBI DIRECTOR

197 days

Average time to identify a breach

69 days

Average time after detection to full recovery

\$4.45 Million

Average cost of a data breach in 2023 (2% YoY increase)

\$1.76 Million

Average savings for organizations that use security AI and automation extensively compared to the ones that don't

Source: IBM (2023), Ponemon Institute (2023)

NEVER LET A COMPUTER KNOW
YOU'RE IN A HURRY

CQURE

The image features a dark blue background with a complex, swirling pattern. In the center is a stylized globe showing the continents of Africa and Europe. The globe is overlaid with a network of white lines and numerous small circular icons, each containing a laptop symbol. A semi-transparent black rectangular box is centered over the globe, serving as a login interface. At the top of this box is the Russian coat of arms, a double-headed eagle. Below the coat of arms, the text "RUSSIAN MARKET" is displayed in a bold, white, sans-serif font. Underneath the title are three input fields: "Username", "Password" (with a small lock icon to its right), and "Captcha". The "Captcha" field contains the alphanumeric code "G2F3". Below these fields is a circular button with a white checkmark. At the very bottom of the black box is a button labeled "Create an account".

RUSSIAN MARKET

Username

Password

Captcha

G2F3



Create an account

Password:

CVE-2024-27198 Vulnerability Timeline | March 4th

14:00 UTC

Jetbrains releases
Teamcities 2023.11.4 update

19:23 UTC

Rapid7 shares a blog, including
proof-of-concept exploitation

14:59 UTC

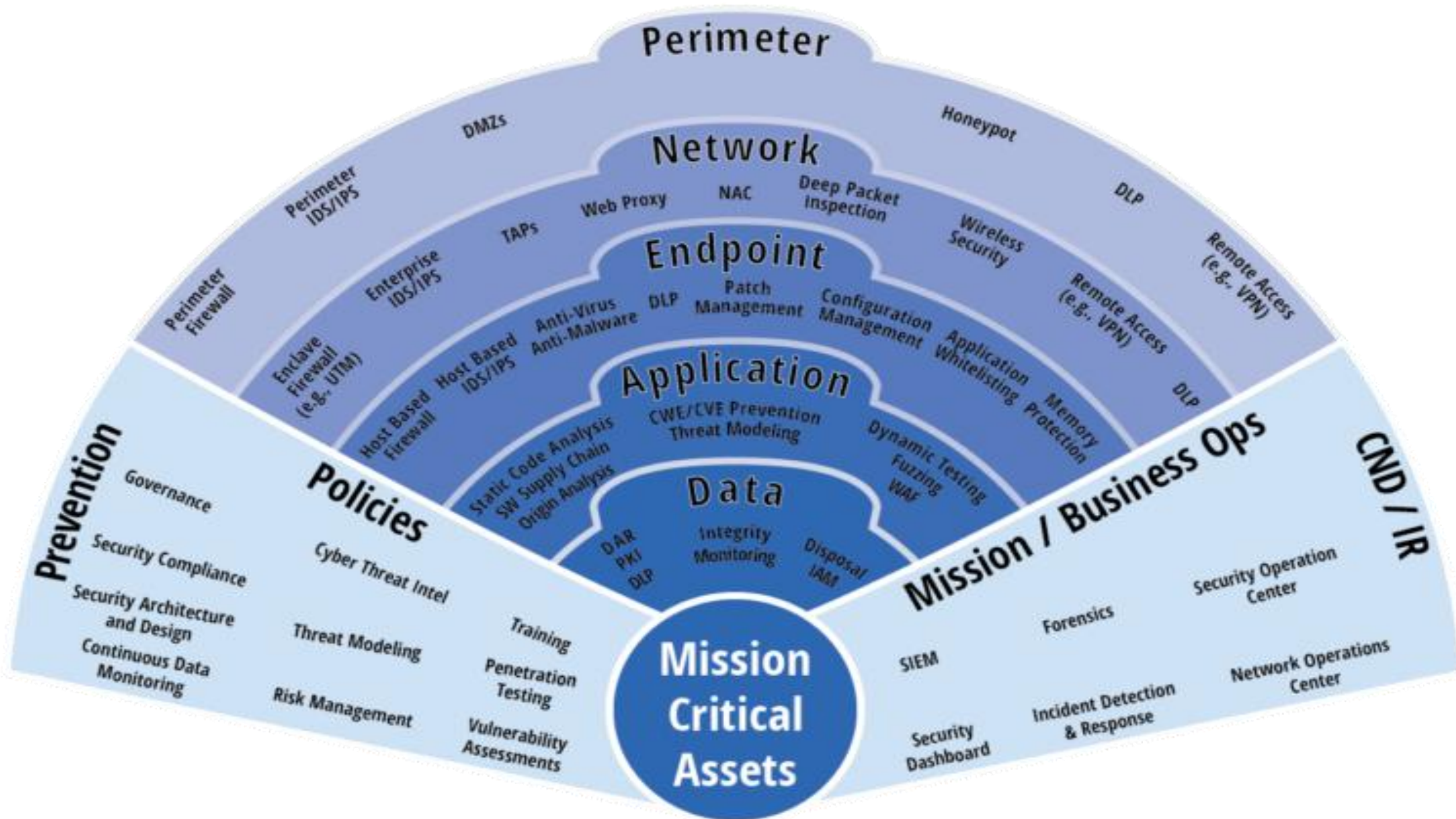
Jetbrains publicly discloses
CVE-2024-27198

19:45 UTC

Cloudflare observes
attempted exploitation

Dva tipa organizacij

- Regulirane
 - Zakonodaja
 - Druge zahteve regulatorjev
 - Redno/a preverjanje
 - Zavedanje
 - Dvig nivoja varnosti
 - Vložki/investicije
- Neregulirane
 - Delajo po navdihu
 - Izvajajo aktivnosti po incidentih
 - Varnost ni nujno prioriteta



Dobre prakse

Prenova Kataloga strokovnjakov na področju kibernetске varnosti

20. FEB. 2025

Začeli smo z aktivnostmi, povezanimi s **prenovo Kataloga strokovnjakov DIH Slovenije**, pri čemer bo v prvem delu posodobljen seznam strokovnjakov na področju **kibernetске varnosti**. Ta posodobitev bo podjetjem olajšala dostop do preverjenih zunanjih izvajalcev za varnostne preglede in penetracijske teste. **Vpis na druga področja trenutno ni mogoč.**



Dobrodošli!

Vpis v katalog strokovnjakov.

Še nimate računa? [Registrirajte se](#)

VAŠ E-MAIL NASLOV

VAŠE GESLO



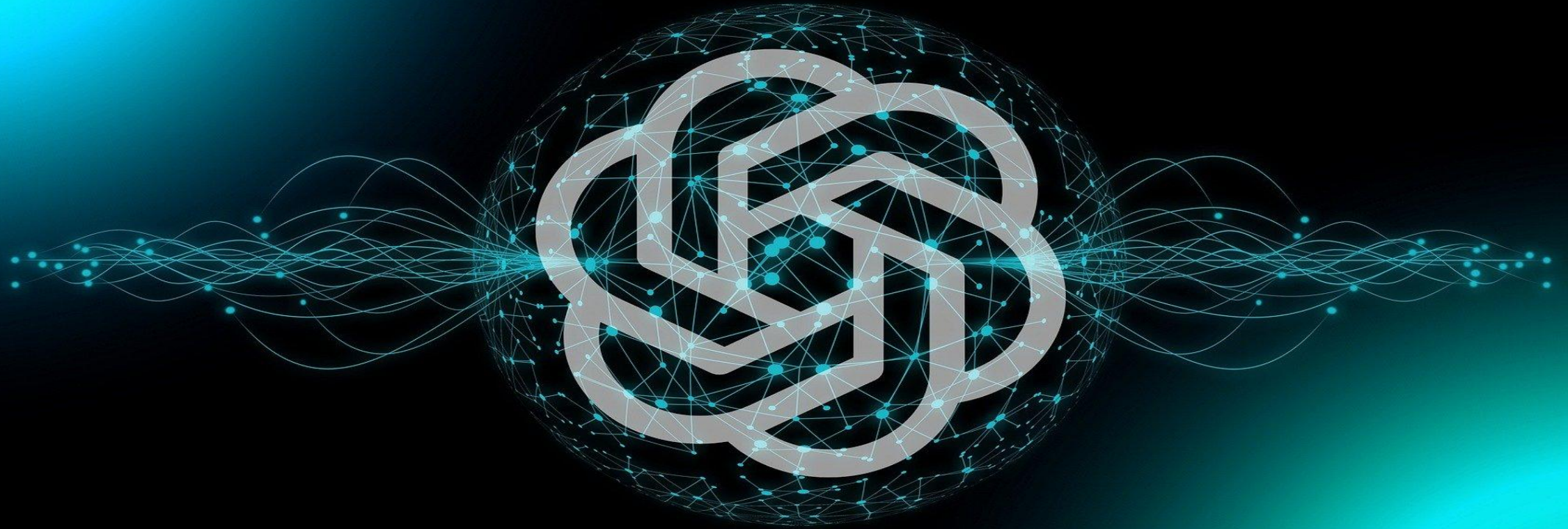
☐ Zapomni si me

[Ste pozabili geslo?](#)

FUTURE

I'M

READY

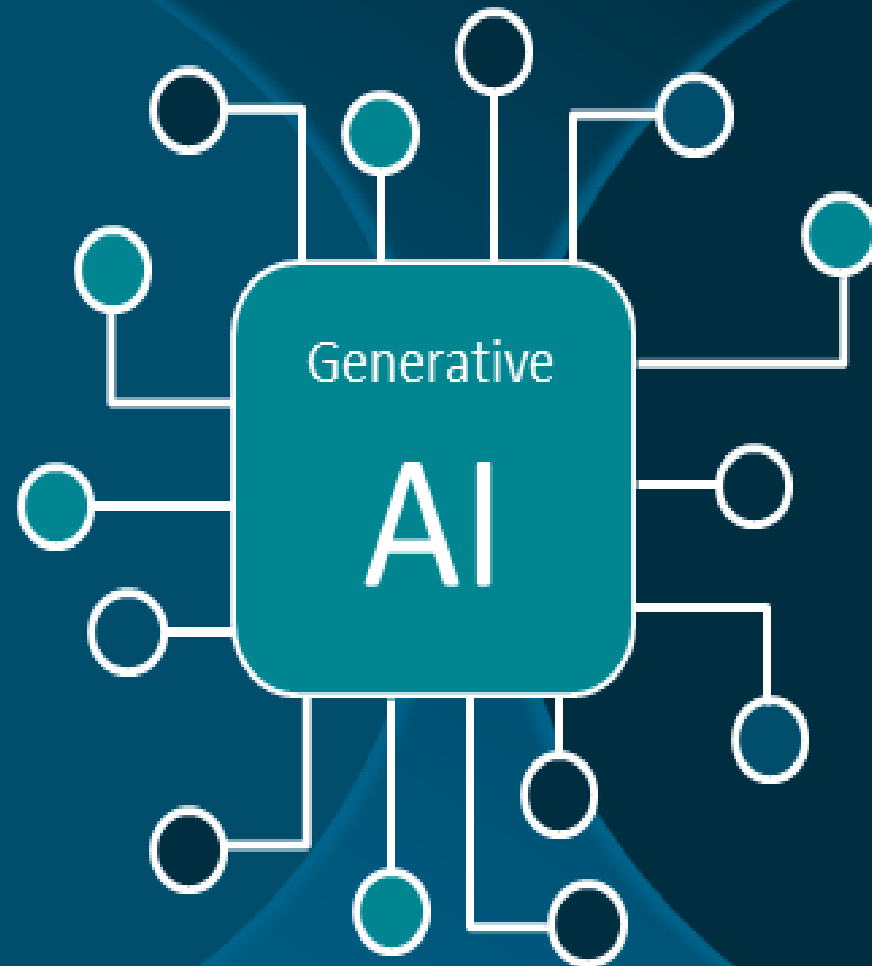


`#!/viris[0#Q*]`

Generative AI is the new strategic battleground

Weaponization of AI

- More threat actors to launch attacks
- More convincing phishing campaigns
- New deep fake social engineering schemes
- Malware mutation
- Exploit software vulnerabilities



AI to augment cybersecurity

- Boost cybersecurity SOC analysts
- Breach risk predictions
- Enhance cybersecurity posture
- Asset inventory management
- Prioritize vulnerability remediations
- Accelerate resolution time

Prihodnost

- NIS-2 in ZInfV-1 bosta pripomogla k dvigu informacijske varnosti, vendar ...
- Regulativa ni vedno dobra/slaba
- Vidimo, da se svet spreminja in zato se je potrebno prilagoditi!
- Fokus na AI!
- **Preventiva boljša kot kurativa!**



CONTROL DISASTER RECOVERY IMT
SLA INCIDENT
MANAGEMENT
DIAGNOSIS RESPONSE
PROTOCOL EVENT SECURITY
PLANNING OPERATIONS POLICY DETECTION
ANALYSIS



Questions ?

#/viris[💬 🌐 🔍 ✳️]

@MilanGabor