



Cybercrime

Istituto Salesiano San Marco
ITS Crossmedia Communication
Specialist

Andrea Dainese – CISO

- > Senior Network & Security Architect with 15+ years' experience in securing complex IT and OT infrastructures
- > Focused on cyber security strategies, GDPR/ISO 27001 compliance and Automation
- > Incident Response Team
- > Cisco (CCIE), VMware, Red Hat... certified
- > Father of Unified Networking Lab (UNetLab)
- > Privacy and digital security evangelist – expert counselor-mediator in Cyberbullying

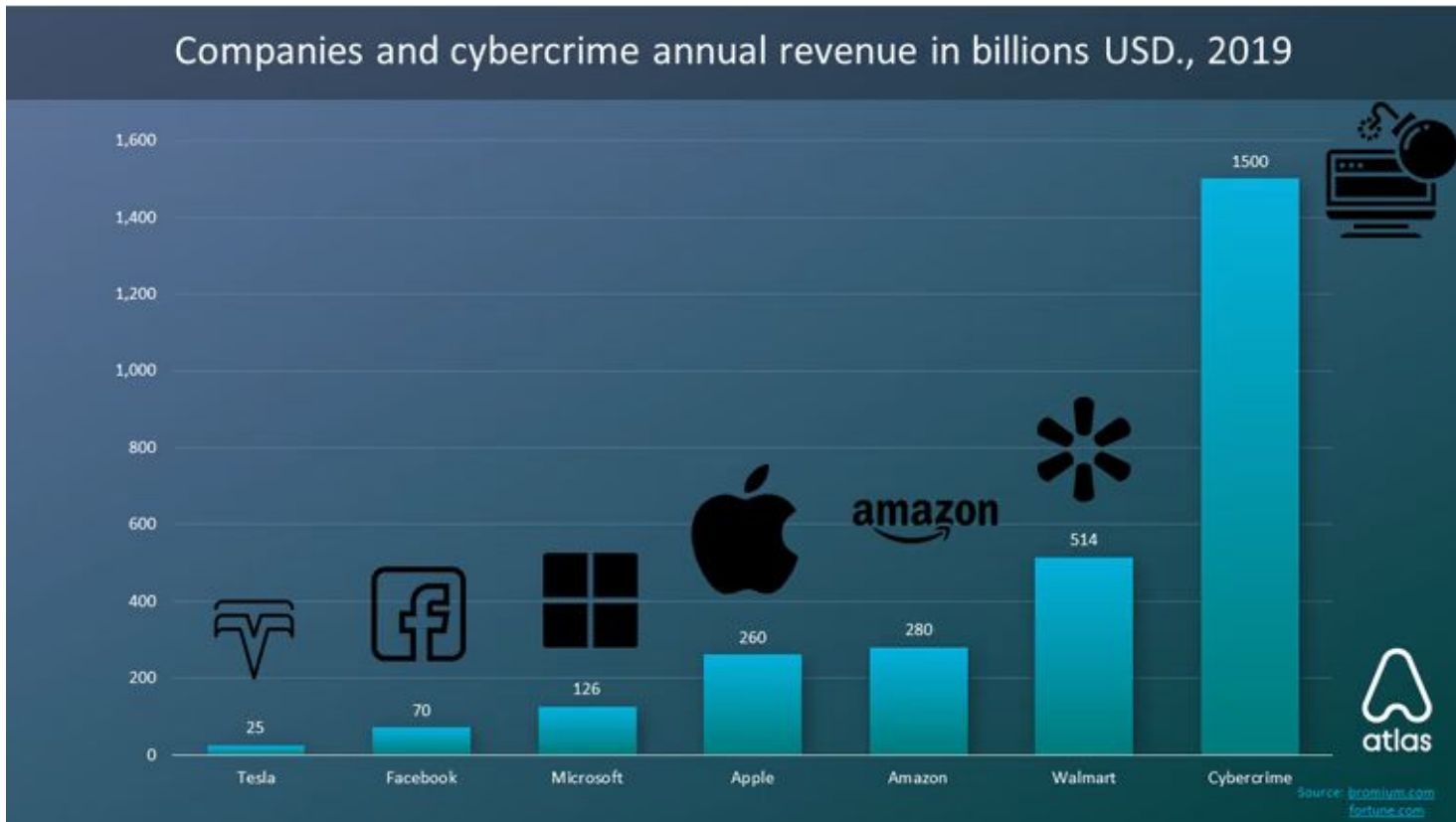
<https://adainese.it>



HACKERS CYBERCRIME

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return tan;
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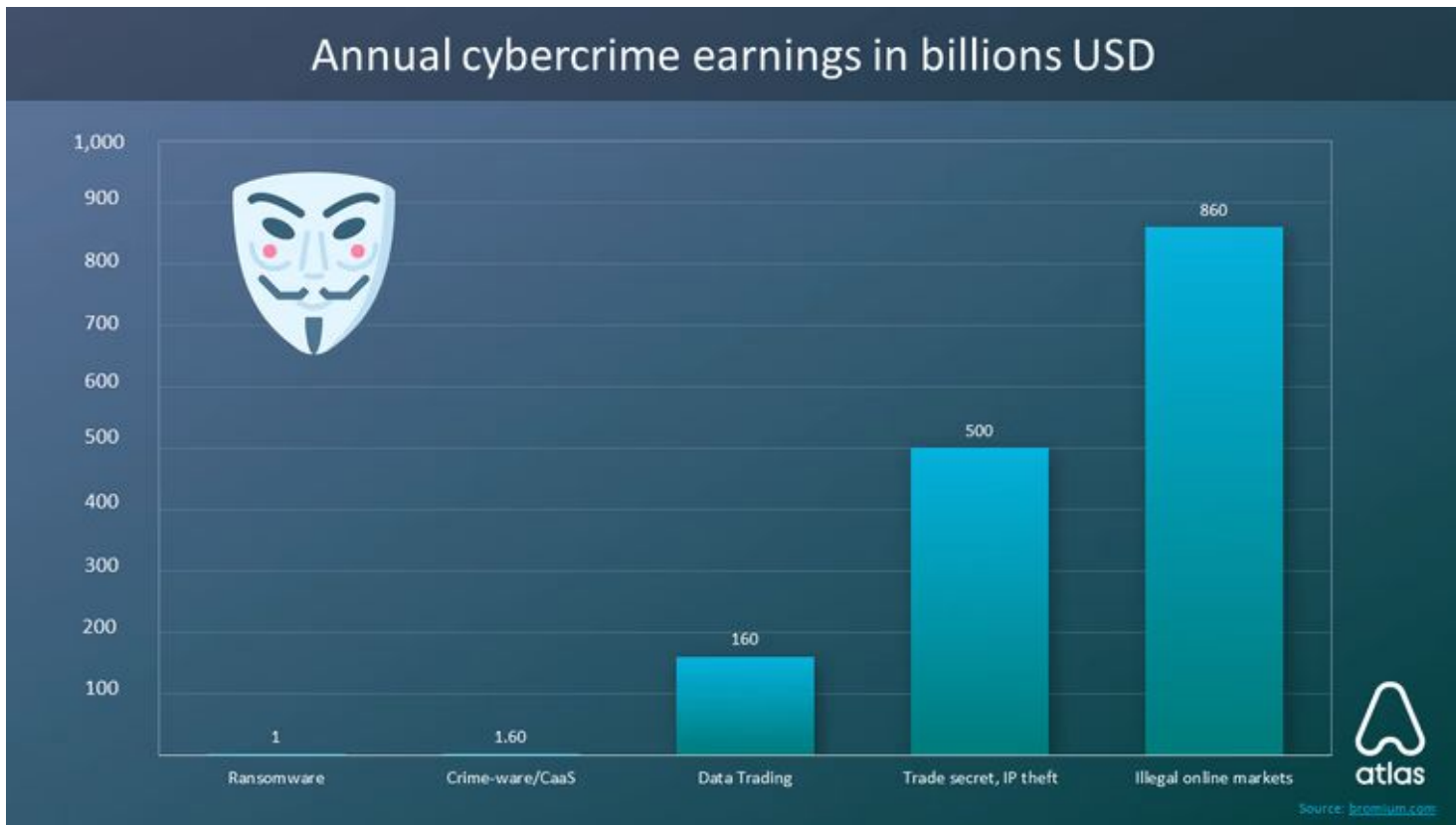




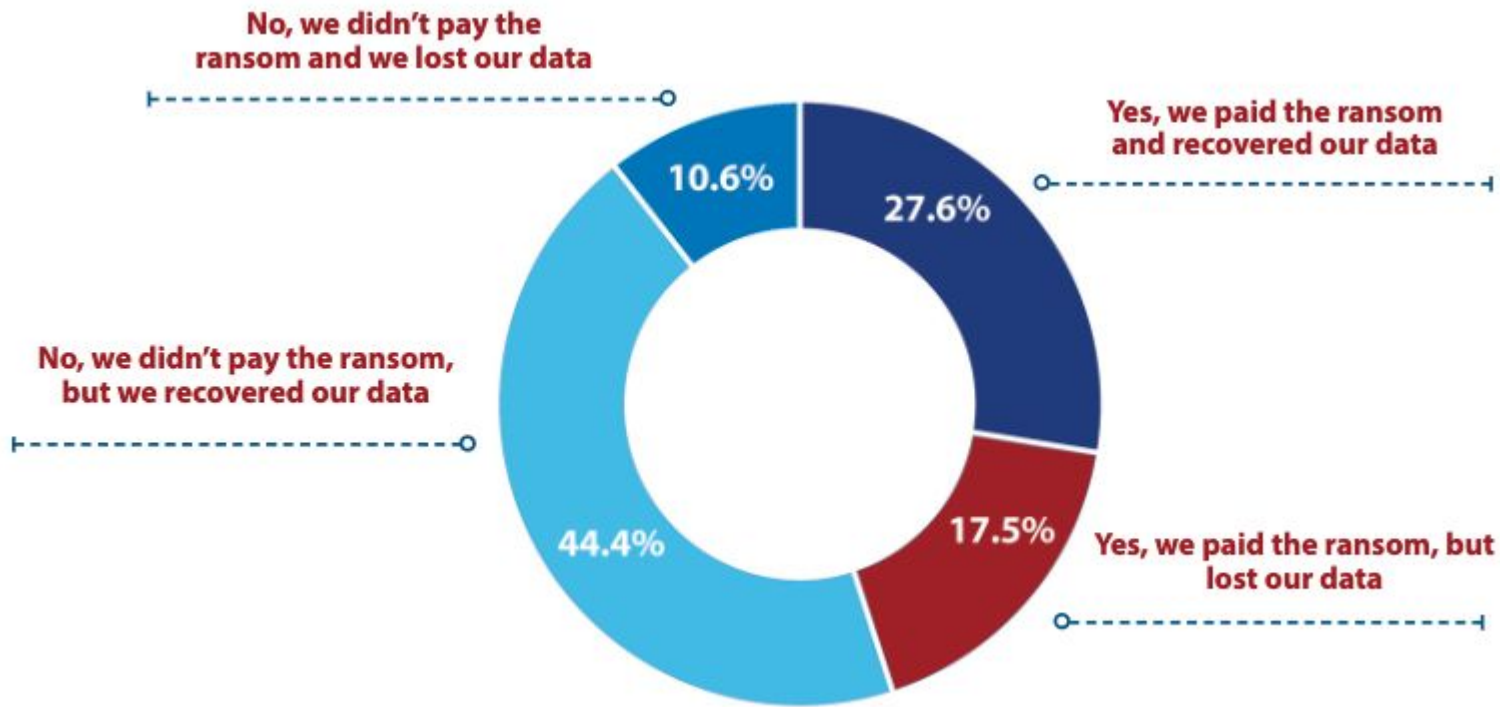
<https://atlasvpn.com/blog/cybercrime-annual-revenue-is-3-times...>



CYBERCRIME REVENUE



<https://atlasvpn.com/blog/cybercrime-annual-revenue-is-3-times...>



<https://www.imperva.com/.../CyberEdge-2019-CDR-Report-v1.1.pdf>



CYBERCRIME GROUPS

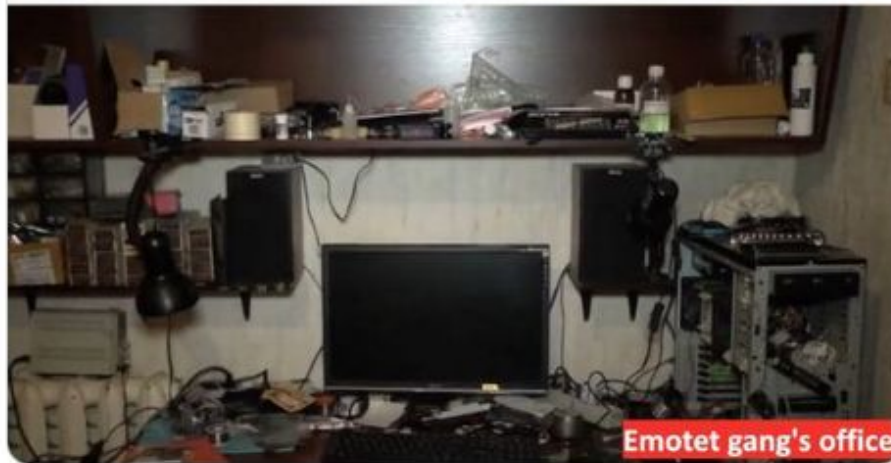


Seongsu Park @unpacker · 17 glu 2021

Different working environments of two cybercrime gangs.



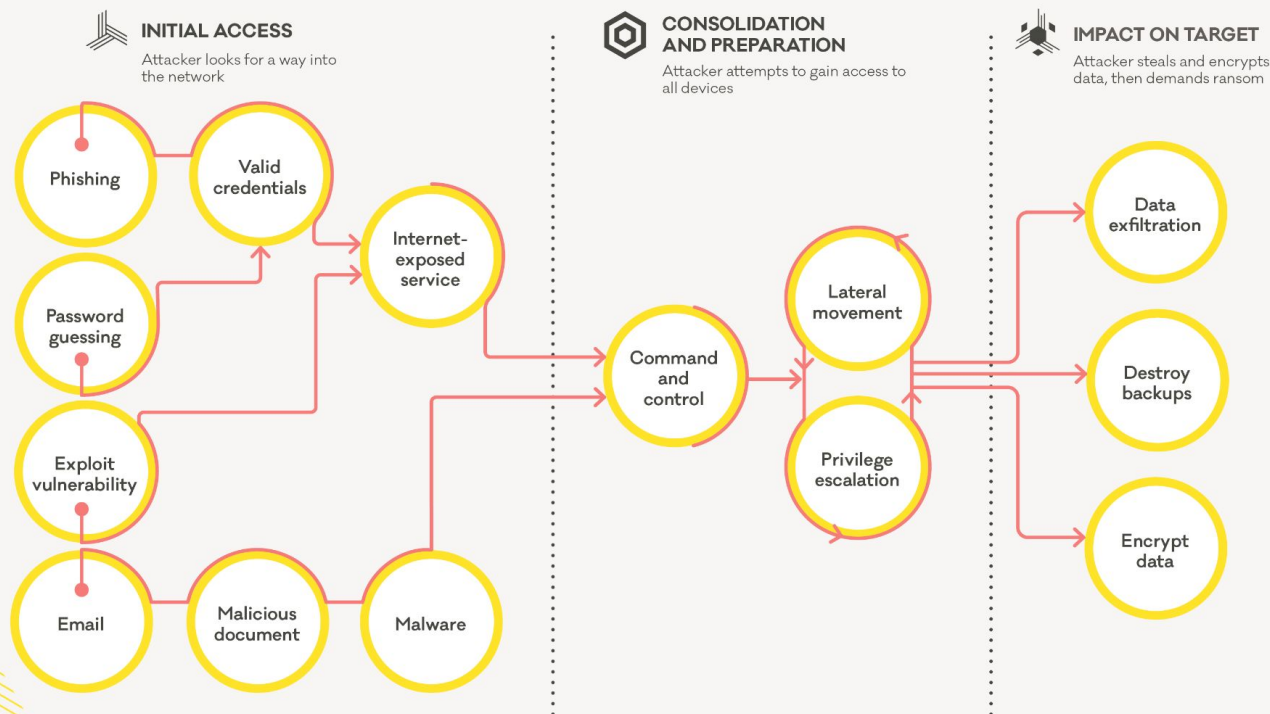
Clop gang's office



Emotet gang's office

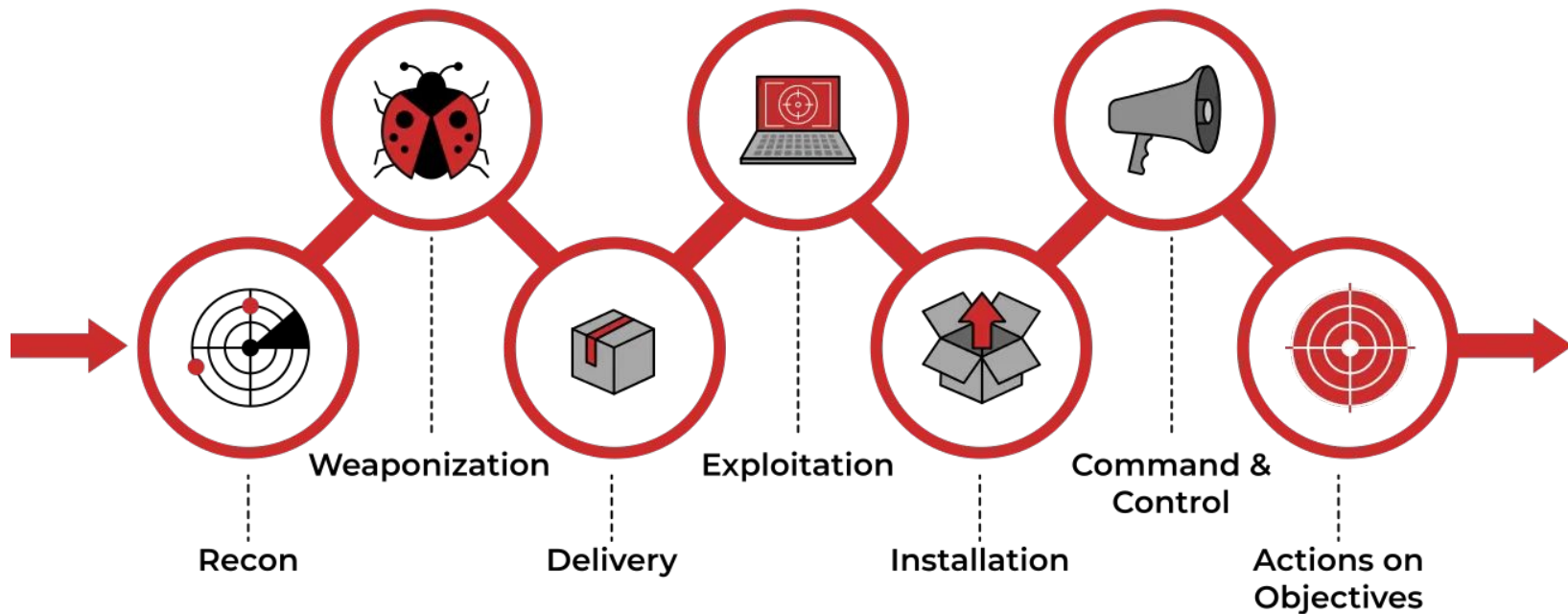
LIFECYCLE OF A RANSOMWARE INCIDENT

The common attack paths of a human-operated ransomware incident based on examples CERT NZ has seen.





CYBER KILL CHAIN



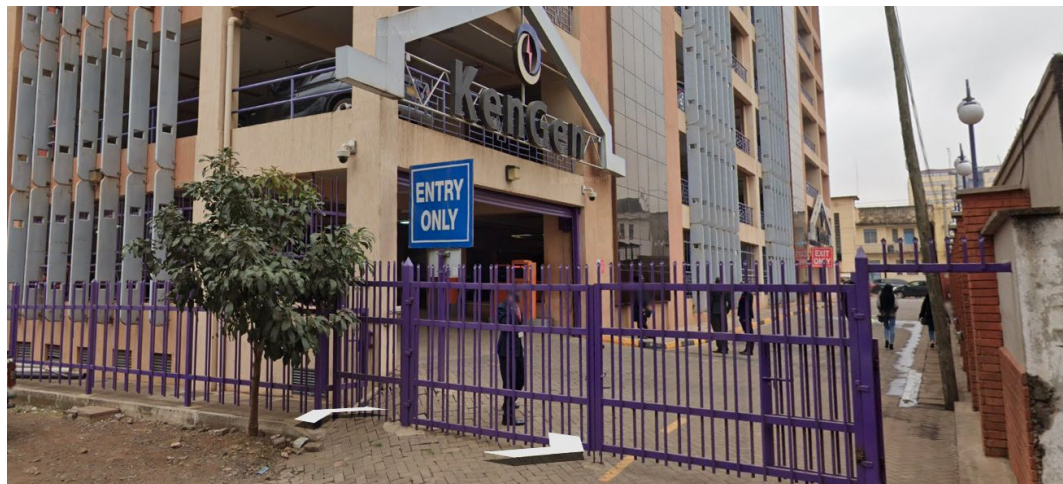
<https://www.lockheedmartin.com/.../cyber/cyber-kill-chain.html>

RECON PHASE



Google

site:kengen.co.ke inurl:login



⚠ Vulnerabilities

CVE-2021-31206

Microsoft Exchange Server Remote Code Execution Vulnerability

⚠ Vulnerabilities

MS17-010

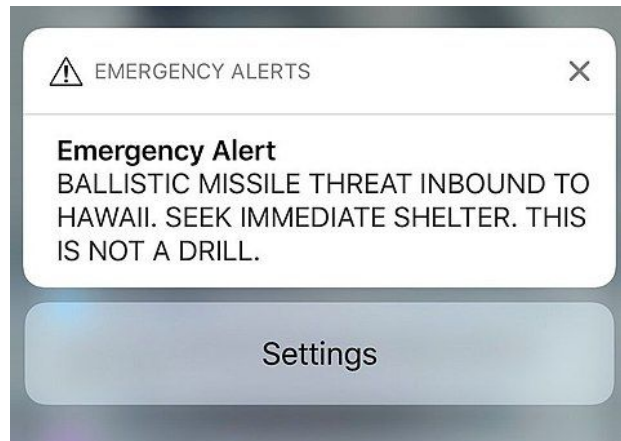
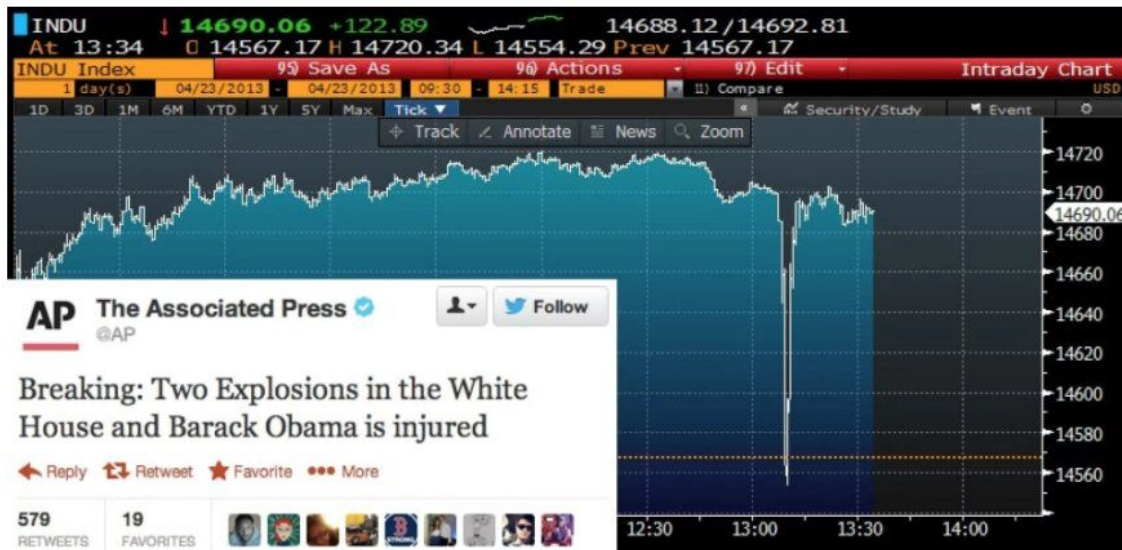
This security update resolves vulnerabilities in Microsoft Windows. The vulnerabilities could allow remote code execution if an attacker sends Microsoft Server Message Block 1.0 (SMBv1) server. This security update supported releases of Microsoft Windows.



IT'S ALL ABOUT MINDSET



FAKE NEWS/CHAT

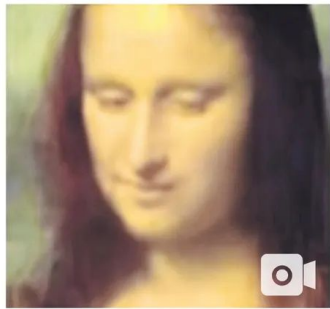
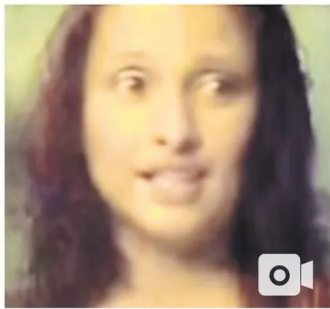
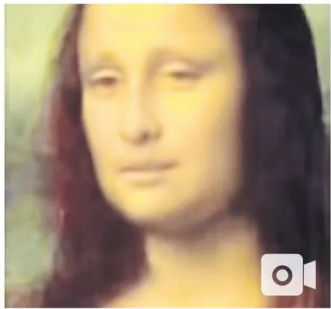
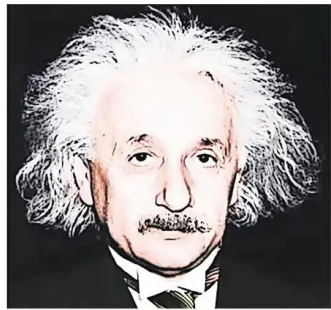




FAKE PICTURES



FAKE VIDEOS



Scientists [...] reported [...] that they had devised a computer algorithm that can identify 99.98 percent of Americans from almost any available data set with as few as 15 attributes, such as gender, ZIP code or marital status.

<https://www.nytimes.com/.../data-privacy-protection.html>

How Target Knew a High School Girl Was Pregnant Before Her Parents Did

<https://techland.time.com/...school-girl-was-pregnant.../>

Facebook's second most powerful executive, Sheryl Sandberg, has apologised for the conduct of secret psychological tests on nearly 700,000 users in 2012, which prompted outrage from users and experts alike.

<https://www.theguardian.com/.../facebook...psychological-experiments>

[...] a tool that could end your ability to walk down the street anonymously, and provided it to hundreds of law enforcement agencies, ranging from local cops in Florida to the F.B.I. and the Department of Homeland Security. [...] Clearview AI, devised a groundbreaking facial recognition app. You take a picture of a person, upload it and get to see public photos of that person, along with links to where those photos appeared.

<https://web.archive.org/.../technology/clearview-privacy-facial-recognition.html>

Meta fined \$275m after data-scraping fiasco leaked 533m Facebook users' profiles

SICUREZZA INFORMATICA

**Attacco hacker agli avvocati: tutti gli
errori fatti e le lezioni da trarre**

**China database lists 'breedready' status
of 1.8 million women**

**Dutch researcher finds cache of information including phone
numbers, addresses and ages**



EZ (68 anni) -> Sergio Mattarella

“Ti hanno ammazzato il fratello cazzo... Non ti basta?”

(Non avrei dovuto. Voglio andare dal presidente e scusarmi)

MC (40 anni) -> Laura Boldrini

“Mi sa tanto che ha bisogno di una bella pallottola”

(Sono un uomo tranquillo, odio la violenza e i soprusi)

GF (61 anni) -> Laura Boldrini

“Boldrini sei una puttana andicappata vattene a casa fai la cosa giusta per una volta vaiii viaaa”

(Mi stanno facendo nera di insulti, me li merito ho fatto una cosa orrenda da sentirmi male)

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PANIC



CRISIS

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IT'S ALL ABOUT COMMUNICATION



L'ANALISI TECNICA

Attacco Luxottica: c'è stato furto di dati, la conferma

Attacco hacker al Gruppo Carraro, CIG per i 700 dipendenti delle sedi italiane

di Piero Baccellato | 25 Settembre 2020, ore 12:15



British Airways paga 22 milioni di euro per l'attacco hacker. Multa ridotta causa COVID

di Edoardo Geronzi | 25 Settembre 2020, ore 12:15



liberati



Un nuovo kit di estrema
classica MINI in un'autore
elettrica
07 min fa Per di ruolo

Attacco hacker del centro terapeutico sciocca la Finlandia



L'ANALISI TECNICA

Enel di nuovo vittima di ransomware, NetWalker ruba 5 TB di dati e minaccia di renderli pubblici



Attacco hacker alla GEOX: colpite logistica e stoccaggio

Alfreda News 25 Agosto 2022 Visualizza

Security Awareness Training That Works!

Break the attack chain

Protect your people from advanced email attacks and identity-based threats. Defend sensitive data from theft, loss and insider threats.

Advanced protection
to safeguard your
inboxes

ETHIC or THE DARK WAY?

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