



# CCRS Bit

April 2024

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- Founders and CEO Of Cryptocurrency Mixing Service Arrested And Charged With Money Laundering And Unlicensed Money Transmitting Offenses. [Link](#)
- Zambia Busts 77 People in China-Backed Cybercrime Operation. [Link](#)
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- U.S. and Australian Police Arrested Firebird Rat Author and Operator. [Link](#)
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- US charges Samurai cryptomixer founders for laundering \$100 million. [Link](#)
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- Axon releases Draft One, AI-powered report-writing software. [Link](#)
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- Police Scour LockBit Ransomware Evidence, Turning Up 200 Leads. [Link](#)

- Legal implications of automated suspicious transaction monitoring: enhancing integrity of AI. [Link](#)
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- FCC looks to limit how domestic violence abusers use connected cars. [Link](#)
- Japanese police create fake support scam payment cards to warn victims. [Link](#)



- Using Remote Sensing Data in Urban Crime Analysis: A Systematic Review of English-Language Literature from 2003 to 2023. [Link](#)
- Hope Revived for UN Cybercrime Treaty as Negotiations Set to Resume. [Link](#)
- Lords debate amendment to law on use of computer evidence in light of Post Office scandal. [Link](#)
- Book. Dark Wire. The Incredible True Story of the Largest Sting Operation Ever. [Link](#)

# DIGITAL FORENSICS

- Digital Forensics: The Good, the Bad, and the AI-Generated. [Link](#)
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- Hidden files using Alternative Data Streams - this is what the cops look for. [Link](#)
- What DFIR experts need to know about the current state of the Unified Audit Log. [Link](#)
- DeRR.p. Investigating Power Events on Samsung Devices. [Link](#)
- How Did That Photo Get On That iPhone. [Link](#)
- Handbook of windows forensic artifacts across multiple Windows version with interpretation tips with some examples. [Link](#)
- Magnet Forensics Announces Magnet One, A Revolutionary Platform For The Pursuit Of Justice. [Link](#)
- Maltego Acquires PublicSonar and Social Network Harvester to Propel Vision of An All-in-One Investigation Platform. [Link](#)
- Atola Insight Forensic Gets iSCSI Support for Remote Imaging. [Link](#)
- Introducing XRY 10.9, XAMN 7.9, And XEC 7.9 From MSAB. [Link](#)
- Powershell Digital Forensics And Incident Response (DFIR) - Essential Scripts For Windows Cyber Defense. [Link](#)
- Azure Governance Visualizer Accelerator. [Link](#)
- Microsoft-Extractor-Suite. A PowerShell module for acquisition of data from Microsoft 365 and Azure. [Link](#)

Microsoft-Analyzer-Suite. A collection of PowerShell scripts for analyzing data from Microsoft 365 and Microsoft Entra ID. [Link](#)

- New Microsoft Incident Response guide helps simplify cyberthreat investigations. [Link](#)
- forensictools: A toolkit designed for digital forensics. [Link](#)
- MasterParser. A powerful DFIR tool designed for analyzing and parsing Linux logs. [Link](#)
- Lionel Notari's iOS Unified Logs Acquisition Tool. [Link](#)
- Blauhaunt. A tool collection for filtering and visualizing logon events. [Link](#)
- Indetectables Toolkit. The essential toolkit for reversing, malware analysis, and cracking. [Link](#)
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- Sysreptor. Fully customisable, offensive security reporting solution designed for pentesters, red teamers and other security-related people alike. [Link](#)
- Darknet Resources You Need to Use When Doing Cyber Threat Intelligence - Part 1 of Many. [Link](#)
- Leaked Credentials. How to look for Leaked Credentials. [Link](#)
- Lookyloo. A web interface that allows users to capture a website page and then display a tree of domains that call each other. [Link](#)
- Free Online Tools for Looking up Potentially Malicious Websites. [Link](#)
- Phunter. An OSINT tool allowing you to find various information via a phone number. [Link](#)
- Deepware. Scan & Detect Deepfake Videos. [Link](#)

- DroneXtract. A digital forensics suite for DJI drones. [Link](#)
- DJI Mavic 3 Drone Research Part 1: Firmware Analysis. [Link](#)
- DJI Mavic 3 Drone Research Part 2: Vulnerability Analysis. [Link](#)
- Free OSINT Tools. [Link](#)
- Hurricane Electric BGP Toolkit Search IPs, domains and ASNs associated with specific companies. [Link](#)
- Geolocation Revolutionized: GEOSPY AI's Cutting-Edge Technology. [Link](#)
- Geospatial Querying Using GeoHashes and GridDB. [Link](#)
- OpenSource Surveillance. A tool to gather intelligence for given city or country. [Link](#)
- VIDEO OSINT cheat sheet. [Link](#)
- Reddit OSINT: User Investigations. [Link](#)
- Leaked passwords database search tool. [Link](#)
- DFIR Report's cloud-based DFIR Labs offer a hands-on learning experience, using real data from real intrusions. [Link](#)
- Case Study: Ukrainian Cyber Police Fights Crime with Maltego. [Link](#)
- BBC Studio Documentary Unit produces Murder Case: The Digital Detectives for Channel 4. [Link](#)

## DIGITAL SURVEILLANCE VS. PRIVACY

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- Congress has a chance to rein in police use of surveillance tech. [Link](#)
- With a mysterious surveillance target identified, calls for Congress to change course. [Link](#)
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- U.S. House Vote Narrowly Allows Rampant Abuses of Warrantless Spying Authority to Continue. [Link](#)
- House passes bill to limit personal data purchases by law enforcement, intelligence agencies. [Link](#)
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- Drones, the air littoral, and the looming irrelevance of the U.S. Air force. [Link](#)
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- Israel reportedly using facial recognition and Google Photos to conduct mass surveillance in Gaza. [Link](#)
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- Exclusive: Google Workers Revolt Over \$1.2 Billion Contract With Israel. [Link](#)
- US law proposed for DHS to make a plan for integrating AI into border control. [Link](#)
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- The Hellenic Data Protection Authority fines the Ministry of Migration and Asylum for the "Centaurus" and "Hyperion" systems with the largest penalty ever imposed to a Greek public body. [Link](#)
- Polizeiliche Datenanalyse: Innenausschuss diskutiert Palantir-Alternativen. [Link](#)
- IREX.ai Successfully Launches Peru's First Real Smart-City. [Link](#)
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- The TRUTH about Bank Privacy. [Link](#)
- Outlook is Microsoft's new data collection service. [Link](#)
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- 'Reverse' searches: The sneaky ways that police tap tech companies for your private data. [Link](#)
- Police warn partnership with tech industry 'at risk' over end-to-end encryption. [Link](#)
- Police Can Spy on Your iOS and Android Push Notifications. [Link](#)
- The not-so-silent type: Vulnerabilities across keyboard apps reveal keystrokes to network eavesdroppers. [Link](#)
- Google to Delete Billions of Browsing Records in 'Incognito Mode' Privacy Lawsuit Settlement. [Link](#)
- Security bugs in popular phone-tracking app iSharing exposed users' precise locations. [Link](#)
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- Spain: Court reopens investigation in Pegasus spying scandal. [Link](#)

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- Safeguarding Brain Data: Assessing the Privacy Practices of Consumer Neurotechnology Companies. [Link](#)
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- Proposed FTC Order will Prohibit Telehealth Firm Cerebral from Using or Disclosing Sensitive Data for Advertising Purposes, and Require it to Pay \$7 Million. [Link](#)
- Protection of personal data: according to Advocate General Pikamäe, the supervisory authority has an obligation to act when it finds a breach in the course of investigating a complaint. [Link](#)
- FTC Issues \$5.6M in Refunds to Customers After Ring Privacy Settlement. [Link](#)
- Book. The Cambridge Handbook of facial recognition in the modern state. [Link](#)



# CYBER SECURITY

- XZ backdoor story – Initial analysis. [Link](#)
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- Google paid \$10 million in bug bounty rewards last year. [Link](#)
- Price of zero-day exploits rises as companies harden products against hackers. [Link](#)
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- “Mobile NotPetya”: Spyware Zero-Click Exploit Development Increases Threat of Wormable Mobile Malware. [Link](#)
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- US government says security flaw in Chirp Systems' app lets anyone remotely control smart home locks. [Link](#)
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- Satellite Hacking Demystified. [Link](#)
- Hackers Exploit Old Microsoft Office 0-Day To Deliver Cobalt Strike. [Link](#)
- From OneNote to RansomNote: An Ice Cold Intrusion. [Link](#)
- Okta Warns Of Credential Stuffing Attacks Using Proxy Services. [Link](#)
- Chinese Botnet As-A-Service Bypasses Cloudflare & Other DDoS Protection Services. [Link](#)
- New SSLoad Malware Combined With Tools Hijacking Entire Network Domain. [Link](#)
- Fake Facebook MidJourney AI page promoted malware to 1.2 million people. [Link](#)
- Microsoft Warns: North Korean Hackers Turn to AI-Fueled Cyber Espionage. [Link](#)
- Hack to the Future: Using LLMs as attacking agents in real networks. [Link](#)
- Android Malware Brokewell With Complete Device Takeover Capabilities. [Link](#)
- WithSecure uncovers Kapeka, a new malware with links to Russian nation-state threat group Sandworm. [Link](#)

- LockBit 3.0 Variant Generates Custom, Self-Propagating Malware. [Link](#)
- New DragonForce Ransomware Emerged From The Leaked LOCKBIT Builder. [Link](#)
- Redline Stealer Malware Evolves with Sneaky New Tricks, Spreads Globally. [Link](#)
- Fileless .NET Based Code Injection Attack Delivers AgentTesla Malware. [Link](#)
- 5000+ CrushFTP Servers Hacked Using Zero-Day Exploit. [Link](#)
- EM eye: eavesdropping on security camera via unintentional RF emissions. [Link](#)
- KageNoHitobito Ransomware Attacking Windows Users Around The Globe. [Link](#)
- Godfather Banking Trojan Spawns 1.2K Samples Across 57 Countries. [Link](#)
- Cybercriminal Campaign Spreads Infostealers, Highlighting Risks to Web3 Gaming. [Link](#)
- eXotic Visit campaign: Tracing the footprints of Virtual Invaders. [Link](#)
- Researchers Uncover That UK.GOV Websites Sending Data To Chinese Ad Vendor Analysts. [Link](#)
- FCC to probe 'grave' weaknesses in phone network infrastructure. [Link](#)
- Feds finally decide to do something about years-old SS7 spy holes in phone networks. [Link](#)
- JCDC Working and Collaborating to Build Cyber Defense for Civil Society and High-Risk Communities. [Link](#)
- Joint Statement on the Strategic Dialogue on Cybersecurity of Civil Society Under Threat of Transnational Repression. [Link](#)

- Cyber Resilience Act Requirements Standards Mapping - Joint Research Centre & ENISA Joint Analysis. [Link](#)
- NIST Researchers Use Cellphone Compass to Measure Tiny Concentrations of Compounds Important for Human Health. [Link](#)
- US supreme court ruling suggests change in cybersecurity disclosure process. [Link](#)
- Exposure Management: The Evolution of Vulnerability Management. [Link](#)
- NATO to launch new cyber center to contest cyberspace 'at all times'. [Link](#)
- Book. Hacked: The Secrets Behind Cyber Attacks. [Link](#)
- BlackHat ASIA 2024-Slides. [Link](#)