



Zyber Global

INDEPENDENT CYBERCRIME, CYBERSECURITY, DIGITAL
EVIDENCE, LEADERSHIP AND BUSINESS CONSULTANCY

www.zyberglobal.com

Celebrating our 50th Issue

SEPTEMBER 2024

MAKING DIGITAL SAFE WITH EXPERT CYBER SECURITY TRAINING

Celebrating a Milestone: The 50th Edition of Zyber Global Newsletter

As we unveil the September issue of the Zyber Global Newsletter, we are thrilled to celebrate a significant milestone –our 50th edition!

Over the past few years, this newsletter has grown from a small initiative into a trusted resource for cybersecurity professionals, law enforcement, and individuals passionate about safeguarding the digital world.

Reaching this 50th edition is a testament to the incredible journey we've shared with our dedicated readers, expert contributors, and inspiring interviewees. We've had the privilege of featuring insightful articles, groundbreaking research, and exclusive interviews with some of the most influential figures in the cybersecurity landscape. Each edition has been a stepping stone, helping to build a global community united in the fight against cybercrime.

In this special issue, we reflect on the journey so far and look ahead to the future with renewed commitment to delivering cutting-edge insights and practical advice.

Thank you for being part of our journey. Here's to many more editions filled with knowledge, collaboration, and the shared goal of making the digital world a safer place for everyone.

Happy reading, and let's keep pushing the boundaries of cybersecurity together!

Best regards,
Esther George, CEO Zyber Global Centre



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Zyber Global Featured Articles & Interviews

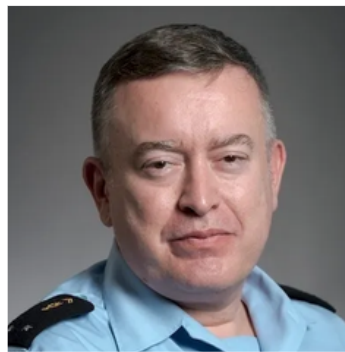
SELECT EACH PHOTO TO ACCESS THE
CORRESPONDING BLOG POST

DON'T FORGET TO CHECK OUT OUR
ARCHIVES FOR ANY PAST ISSUES
YOU MIGHT HAVE MISSED!

<https://zyberglobal.com/blog>

Throughout the years, we have delved into various subjects, and we are excited to showcase some of our exceptional articles and interviews featuring our esteemed experts.

Feel free to revisit these pieces and immerse yourself in the valuable content we have assembled.



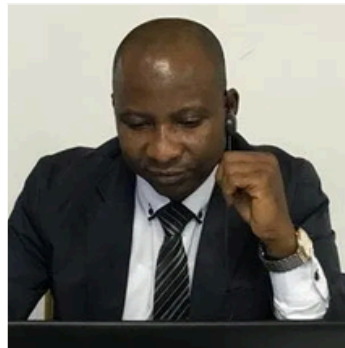
General Eric Freyssinet,
France



Ian Walden,
United Kingdom



Monica David Mbogo,
Tanzania



Musa Jalloh,
Sierra Leone



Ali Bin Fadhel Al-Buainain,
Kingdom of Bahrain



Kerry-Ann Barrett,
United States of America



Chris Painter,
United States of America



Linda Simiki Folaumoetu'i,
Kingdom of Tonga



Rainelda Estacio - Montesa,
Philippines





Zyber Focus Article

To trust or not to trust; the ultimate question when dealing with Artificial Intelligence

by *Yolanda van Setten*,
Managing Director Cum Sensus Consultancy

Introduction

AI is a black box. A black-box nature is poorly understood by humans. Do lawyers need to understand AI on data level, or can we settle for basic explanations. In other words, do we trust or not trust the use of AI in our legal procedures? "As soon as it works, no one calls it AI anymore." This explanation, attributed to John McCarthy himself, one of the founding fathers of AI strikes the core of the matter.

Once people adopt AI on a large scale, it will no longer matter what is behind it, inside the black box, or how it works. If it works, it works. And we have adopted AI already on a huge scale, without giving it a second thought. I regularly teach a course on Internet Investigation with focus on legal aspects. I always ask my students how they start their investigation. Every time, the answer is Google. Apparently not hindered by filter bubbles, echo chambers, digital footprints and the broader workings of the algorithms, not to mention the effect it may have on investigative results and the validity of those results, they just use Google for serious investigations with enormous impact on people being researched.

Who thinks about what's behind Siri and Alexa? Where chatbots were once very limited in communicational skills, we now have chatbots and robots helping us with education, in health care, and being sociable. But chatbots can start to hallucinate or even produce false information. And at the same time in the Netherlands, we see a judge actively using ChatGPT in his decision-making. To trust or not to trust

Once it works, we no longer think about how it works, what it can do, and what the risks may be. The user blindly trusts. And yet, here lies the essence and task for the lawyer. Lawyers must understand what AI does, how it works. We must be able to open and investigate the black box. This is even more important if we start using AI more and more in law enforcement and criminal investigations. The use of AI for the gathering of evidence and for presenting evidence, must be approached with judicial caution.

AI and evidence

From a technical perspective, the use of AI in investigational methods may not be very exciting. Literally every day new and wonderful examples of all the technical possibilities of AI are presented.

During every major investigation, such as a murder case, the crime scene can be recorded using 3D techniques. Experiments are being conducted with Virtual Reality, allowing us to walk around the crime scene, that leaves us all but smelling the situation on the spot. CSR, Crime Scene Reconstruction is an important part of the research. We look for all possible relevant data to investigate the chain of events that led to the criminal offense.

Blood trail pattern research, gunshot residue research, ballistic research, footprints, DNA research, all kinds of forensic research, producing large quantities of data that can be analyzed by AI. One may compare the results with data from other crime scenes to recognize patterns. AI may also produce timelines which are up until now still mostly produced by hand.

How brilliant would it be if AI were able to put a date on fingerprints and DNA material? That "someone has been somewhere" is entirely different from "someone that has been somewhere at a certain time".

Camera images provide ample proof of facts. With more than 300,000 cameras in the Netherlands, it is an important part of any investigation. The cameras themselves can be smart...

Read more here:

<https://zyberglobal.com/blog?blogcategory=Article>



Zyber News Roundup

Latvian Hacker Extradited to U.S. for Role in Karakurt Cybercrime Group

Deniss Zolotarjovs, a 33-year-old Latvian national living in Moscow, has been charged in the U.S. with data theft, extortion, and laundering ransom payments since August 2021. Zolotarjovs, known online as "Sforza_cesarini," was arrested in Georgia in December 2023 and extradited to the U.S. this month. The U.S. Department of Justice (DoJ) confirmed his involvement with a Russian cybercrime group that extorts victims by stealing data and demanding cryptocurrency ransoms, with a website listing victim companies and offering stolen data for download.

Read more:

<https://thehackernews.com/2024/08/latvian-hacker-extradited-to-us-for.html>

From Cybercrime to Terrorism, FBI Director Says America Faces Many Elevated Threats 'All at Once'

FBI Director Christopher Wray has expressed heightened concern over the multitude of threats facing the United States, noting that the country is dealing with an unprecedented convergence of domestic and international terrorism, Chinese espionage, intellectual property theft, and foreign election interference. During a visit to the Minneapolis field office, Wray emphasized the importance of partnerships between law enforcement agencies, private sector entities, and academia to effectively counter these threats, which he fears could be exacerbated by ongoing challenges faced by law enforcement.

Read more: <https://www.securityweek.com/from-cybercrime-to-terrorism-fbi-director-says-america-faces-many-elevated-threats-all-at-once/>

Interpol busts West African cybercrime mafia, Black Axe

Interpol has arrested over 300 individuals linked to West Africa's notorious Black Axe criminal network and affiliated groups in a major crackdown, "Operation Jackal III," conducted across 21 countries between April and July 2024. This highly-coordinated cybercrime group is responsible for some of the world's most significant cyber-enabled financial frauds and other serious crimes, with the operation leading to the seizure of \$3 million in illegal assets and the freezing of more than 700 bank accounts. Interpol officials have highlighted the group's sophisticated use of financial technology and cryptocurrency to facilitate multi-million-dollar scams, emphasizing the global threat posed by Black Axe.

Read more: <https://punchng.com/interpol-busts-nigerias-cybercrime-mafia-black-axe/>

Nepal lifts its ban on TikTok imposed for disrupting social harmony

Nepal's government has decided to lift the ban on TikTok, which was imposed last November due to concerns about the platform disrupting social harmony. The decision, made during a cabinet meeting, follows the initiative of newly appointed Prime Minister Khadga Prasad Oli, who directed that all social media platforms should be treated equally.

The previous government had banned TikTok citing the need to regulate the platform to prevent the spread of indecent content...

Read more:

<https://abcnews.go.com/International/wireStory/nepal-lifts-ban-tiktok-imposed-disrupting-social-harmony-113068228#>





🎉 Exciting Event Alert: Wisdom of the Crowd! 🎉

Join us on 3rd September at 3pm BST for a special 30-minute session that's all about sharing knowledge and helping each other grow! ☀️

We've got 15 minutes of presentation followed by 15 minutes of Q&A, where our amazing group members (that's you!) will come together to share insights, advice, and experiences. Whether you're looking to learn something new or have some wisdom to offer, this is the perfect chance to give and gain from our wonderful community of experts.

We'll kick off with a 15-minute presentation, by Yolanda Van Setten (Managing Director CumSensu Consultancy) speaking on the topic **“the NIS2 – directive, will this forever end cybercrime?”**

The NIS2 Directive is an EU-wide cybersecurity legislation aimed at achieving a high level of cybersecurity across Member States. By expanding its scope to include more entities and sectors, NIS2 aims to enhance cybersecurity in Europe over the long term. It introduces new guidelines, standards, and best practices to manage security risks, aiming to strengthen overall cybersecurity measures across the region.

We'd love for you to join us on Zoom and be part of this enriching experience.

Join here: <https://us02web.zoom.us/j/82661003308?pwd=nfCkOJbafCumv5Ra7vNfZbZsvFrY0K.1>

Meeting ID: 826 6100 3308

Passcode: 614324



Zyber Global Events Information Page

GLOBAL CYBERSECURITY EVENTS



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BSides Kraków 2024 | September 14, 2024 | Kraków, Poland

BSides events bring together diverse security experts from various platforms to explore the forefront of information security. With an open and collaborative platform, BSides offers a unique opportunity for security professionals to share ideas, insights, and establish long-lasting connections within the community.

It is a rare chance to directly engage and build trusted relationships with influential members of the industry. Join us to discover the next big breakthroughs in security and connect with fellow experts in the field.



[SEE MORE >](#)

OWASP Global AppSec San Francisco 2024 | September 23 - 27, 2024 | Florida, USA

This OWASP conference is tailored for information security professionals in the private and public sectors, empowering developers, defenders, and advocates to create a more secure web. Join us for the latest application security technologies, insightful speakers, networking opportunities, and a vibrant community.

This unique event builds upon the high standards you anticipate from an OWASP Global Conference, enhancing your knowledge and expertise in the field.



[SEE MORE >](#)

The 10th Annual Australian Security Summit (AuSec) 2024 | September 24 - 24, 2024 | London, UK

Join us at the 2024 International Cyber Expo, the ideal gathering for CISOs, CTOs, Managing Directors, business owners, cyber security specialists, government officials, and end-users. This event provides a valuable platform to connect and explore products from the dynamic cyber security market.

With a focus on senior decision-makers committed to protecting multinational businesses, SMEs, public sector organizations, government entities, and critical national infrastructure, this expo is a must-attend. Engage with industry leaders, enhance your network, and safeguard your organization's digital assets by joining us at this premier event.



Zyber Global Online Events

Our Online Courses with INsig2

Sign up now at <https://insig2-and-zyberglobal.learnworlds.com/>

Courses per sectors



Legal Entities

Customized courses for legal entities: judges, lawyers and public prosecutors. Explore deeper aspects of digital forensics and the forensic value of evidence while collecting, processing, and presenting digital evidence in criminal and administrative proceedings.



Law Enforcement

Customized courses for law enforcement officials: First responders, forensic investigators and analysts. Delve into procedures, techniques, and tools used in digital forensic analysis and how to apply them in forensic investigations.



Private Sector Corporations and Small Businesses.

Customized courses for industry professionals working in the private sector; to help them understand the value and the need for digital forensic, and its implications in a corporate environment.

Course Structure

***FULL-TEXT REVISION**

***QUIZ AFTER EACH CHAPTER**

***CASE-STUDY AFTER FINAL EXAM**

At the end of each course, you will be issued a completion e-certificate which is immediately printable for your records. The number of **CPD** (Continuing Professional Development), **CPE** (Continuing Professional Education), and/or **CLE** (Continuing Legal Education) points will depend on the course.

DISCOUNTS

Special discount for groups of 10+ participants on all courses. The bigger the group, the bigger the discount.

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FREE COURSE ON PASSWORD MANAGEMENT

This covers different lock security methods, guidelines on securely storing your passwords, various password managers and how to use them.

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