

Cyber Center of Excellence & Fort Eisenhower

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Cyber

1. <u>US, Japan, South Korea Blame North Korean Hackers for</u> \$660M Crypto Heists (Security Week, 15 JAN, Ionut Arghire)

The US, Japan, and South Korea say North Korean hackers stole roughly \$660 million in cryptocurrency last year.

2. FBI erases China-sponsored malware from thousands of U.S. computers (UPI, 15 JAN, Darryl Coote)

FBI erases China-sponsored malware from thousands of U.S. computers

3. <u>China Targeted Foreign Investment, Sanctions Offices in Treasury Hack: Reports</u> (Security Week, 13 JAN, Eduard Kovacs)

Chinese cyberspies targeted offices dealing with foreign investments and sanctions in the recent US Treasury hack.

4. Russia, China step up hybrid confrontation ahead of Trump inauguration (Reuters, 09 JAN, Peter Apps)

On Christmas Day, authorities in Estonia and Finland noted the sudden interruption of the Estlink 2 undersea electricity cable linking their two nations just as ship tracking data showed the Cook Islands-registered "Eagle S" passing outbound from Russia's Baltic coast en route to Egypt.

 Japan Links Chinese Hacker MirrorFace to Dozens of <u>Cyberattacks Targeting Security and Tech Data</u> (AP News, 08 JAN, Mari Yamaguchi)

Japan on Wednesday linked more than 200 cyberattacks over the past five years targeting the country's national security and high technology data to a Chinese hacking group, MirrorFace, detailing their tactics and calling on government agencies and businesses to reinforce preventive measures.

6. <u>US sanctions Beijing-based cyber group for its alleged role in hacking incidents</u> (AP News, 03 JAN, Fatima Hussein)

The U.S. Treasury on Friday sanctioned a Beijing-based cybersecurity company for its alleged role in multiple hacking incidents targeting critical U.S. infrastructure.



Electronic Warfare

- 1. <u>The Journal of Electromagnetic Dominance Not Your Father's HARM</u> (AOC, Jan 2025)
- 2. A weapon entirely immune to jamming: How Ukraine is rolling out production of fibre-optic drones (Ukrainska Pravda, 13 JAN Bohdan Miroshnychenko)

The Ukrainian military once believed drones that communicate with their operators via fibre-optic links would not be necessary on the battlefield. However, that perspective has shifted with the advancement of electronic warfare technology, and now Ukraine is producing fibre-optic drones.

3. <u>Army Wants To Test Air-Launched Drones From A Global Express Business Jet</u> (TWZ, 09 JAN, Thomas Newdick)

The planned trials tally with previous comments about launching the drones from the new Global 6500-based HADES surveillance jet.

4. Spy Satellite Race: China Leads 'Global Espionage' With Yaogan Series Of Satellites; India A 'Decade' Behind (EurAsian Times, 06 JAN, Ashish Dangwal)

The strategic value of space assets is surging, with Intelligence, Surveillance, and Reconnaissance (IRS) satellites becoming increasingly vital in influencing ground-based military developments.



Information Advantage

Misinformation thrives on outrage, study finds (PsyPost, 14 JAN, Eric W. Dolan)

Misinformation travels far and fast online, and according to new research published in Science, outrage is the fuel behind its spread. By examining millions of social media interactions, researchers found that misinformation sources consistently provoke more outrage than credible news, making it more likely to be shared. Alarmingly, this emotional response encourages users to share misinformation impulsively, often without verifying its content.

2. <u>Poland uncovers Russia-linked disinformation campaign targeting upcoming presidential election</u> (The Record, 13 JAN, Daryna Antoniuk)

A Russia-linked disinformation campaign has made attempts to influence Poland's upcoming presidential elections in May, according to a state official.

3. <u>TikTok users flock to Chinese app RedNote as US ban looms</u> (BBC, 13 JAN, Koh Ewe)

TikTok users in the US are migrating to a Chinese app called RedNote with the threat of a ban just days away.

The move by users who call themselves "TikTok refugees" has made RedNote the most downloaded app on Apple's US App Store on Monday.

4. <u>Misinformation on TikTok: How Documented Examined</u>
<u>Hundreds of Videos in Different Languages</u> (GIJN, 10 JAN,
Lam Thuy Vo)

Over the course of the past year, Documented published various stories around the impact of TikTok on migrants who made the journey to New York City based on information they had received on the platform. As a nonprofit newsroom dedicated to reporting stories for immigrant communities in New York, the reporters wanted to take a closer look at this source of information.

5. <u>Disinformation campaign targets Taiwan in alleged Russian</u> military links (RTI, 09 JAN, Joey Chou)

The independent military media outlet "Defense Blog" cited Ukrainian activist Vadym Labas, who claimed on social media that a Taiwanese company named TRC supplied servomechanisms to Russia, allegedly enhancing the accuracy of military devices, including bombs. Other foreign reports similarly alleged that a Taiwan-based company specializing in traction control systems (TRC) sold products to Russia for use in military explosives.

6. Politics content to be pushed on all Instagram and Threads users (BBC, 09 SEP, Liv McMahon)

Threads and Instagram users will be shown more political content from people they do not follow, parent company Meta has announced.

7. <u>Disinformation as a weapon of war. Russia's amplified its</u> <u>propaganda war against Ukraine in 2024</u> (Universul.net, 07 JAN)

Russian propaganda outlets and pro-Kremlin Telegram channels amplified their



disinformation and propaganda targeting Ukraine, its leaders, its policies, and its allies in 2024, in an ongoing campaign to weaken the country and support for fighting off Russia's full-on invasion.

8. Russia's global war, north and south (Riddle, 06 JAN, Ivan U. Klyszcz)

Ivan U. Klyszcz maps out Russia's use of international business ties, old Soviet links, covert operations, and disinformation to exert global pressure

9. <u>Here's how Al disinformation works in the real world</u> (Jabber Wocking, 04 JAN, Kevin Drum)

Slovakia's 2023 election illustrates how Al-based disinformation can be used in a political context. Shortly before the election, a contentious audio clip emerged on Facebook purportedly capturing Michal Šimečka, the leader of the Progressive Slovakia party, and journalist Monika Tódová from the newspaper Denník N, discussing illicit election strategies, including acquiring voters from the Roma community.

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Signal

1. Quantum Breakthroughs Still 2-4 Years Away, Says Expert (Wall Street Pit, 15 JAN, Ron Haruni)

Doug Clinton, the founder and CEO of Intelligent Alpha, recently appeared on CNBC's 'Squawk Box' to discuss the current dynamics of the tech sector, particularly focusing on the intersection of Al and quantum computing. Clinton emphasized that while quantum computing holds future promise, it's Al that's currently driving the tech industry's momentum.

2. <u>Map Shows Russian Ship Loitering Above Undersea Cables in</u>
Pacific (Newsweek, 14 JAN, Isabel van Brugen & John Feng)

A Russian cargo vessel loitered above undersea communication cables in the Pacific for weeks, a map shows, as concerns grow over potential Russian sabotage.

 Satellite War! China "Hunts" Hundreds Of Starlink Satellites In Simulation Ops As Musk's Internet Worries PLA (EurAsian Times, 13 JAN, Sakshi Tiwari)

Amid looming concerns over China's militarization of space and potential space war in the future, Chinese scientists have conducted a simulation operation targeting American billionaire Elon Musk's Starlink satellite network.

4. When can we expect a useful quantum computer? (Businessline, 10 JAN, Atanu Biswas)

The usual answer to this question is 20-30 years, though the optimists say 10 years

5. After Baltic Sea "Sabotage", Chinese Ship Suspected Of Severing A Critical Undersea Telecom Cable Near Taiwan (EurAsian Times, 06 JAN, Ashish Dangwal)

Taiwan's coast guard suspects a Chinese-owned freighter of severing a critical undersea telecom cable off the island's northern coast. The incident mirrors security challenges faced by Baltic nations over the past year, highlighting vulnerabilities in global underwater infrastructure.

6. <u>US Arrests Army Soldier Over AT&T, Verizon Hacking</u> (Security Week, 02 JAN, Ionut Arghire)

US soldier Cameron John Wagenius was arrested and charged over his suspected connection to presidential phone records leaks.

7. China 'Beats' Starlink In Satellite-To-Ground Laser Comm; Speed 1000 Times Faster Than 5G: Scientists (EurAsian Times, 02 JAN, Ashish Dangwal)

The race for advanced satellite communication technology has taken an interesting turn as China claimed a major breakthrough in satellite-to-ground laser communication, potentially putting it ahead of Elon Musk's Starlink.



Items of Interest

 Beijing Removes "Geo-Fencing" From DJI Drones In The U.S.; Chinese UAVs Can Now Fly Over The White House (EurAsian Times, 15 JAN, Ritu Sharma)

Even as the Federal Bureau of Investigation (FBI) and the US Federal Aviation Administration (FAA) were still trying to locate the operator of a DJI drone that illegally collided with an aircraft involved in a firefighting operation in Los Angeles, the Chinese drone maker has made an announcement that can increase the US' woes.

2. 'My country is in crisis': A divided South Korea grapples with Yoon's arrest (BBC, 15 JAN, Rachel Lee)

Tears, dismayed cries and shocked faces: that was the reaction among the supporters of South Korea's suspended president Yoon Suk Yeol outside his home on hearing that he had been arrested.

3. Chinese Barge Usable For Potential Taiwan Beach Landings
Seen In Action In New Image (TWZ, 15 JAN, Joseph Trevithick)

Barges with jack-up legs could be key connectors for Chinese ships, including commercial ferries, and the shore.

 China 'Drills' With Exoskeletons, Robot Dogs & High-Power Laser Drones Close To Indian Border – Reports (EurAsian Times, 15 JAN, Sakshi Tiwari)

China recently conducted military drills showcasing a variety of intelligent technology, including exoskeletons, robot dogs, and drones in conjunction with high-power lasers. One of these drills was likely conducted near the disputed Line of Actual Control (LAC) ahead of India's Army Day.

5. NATO seeks to combat hybrid warfare in Baltic region (DW, 14 JAN, Anchal Vohra)

A Russian shadow fleet is thought to be behind a series of sabotage attacks on undersea cables in the Baltic Sea. NATO and the European Union are now considering how best to counter the threat. DW's Anchal Vohra reports.

 China-Taiwan Weekly Update, January 09, 2025 (ISW, 11 JAN, Dan Blumenthal & Frederick W Kagan)

Key Takeaways

- The Chinese Nationalist Party (KMT) and Taiwan People's Party (TPP) pushed through new requirements on the Constitutional Court that will make it impossible for the court to carry out constitutional review until it fills some of its vacant seats. The KMT rejected all 7 of the ruling DPP's judicial nominees to fill the vacancies, however, which makes it impossible for Lai to block legislation as long as the seats are unfilled.
- The KMT and TPP passed a budget allocation reform that would require Taiwan
 to reallocate more of its revenue to local governments. The bill would benefit the
 KMT by redirecting money to KMT constituencies and forcing President Lai to
 choose between cutting defense spending or cutting funding for other programs.
- Taiwan's Presidential Office conducted its first tabletop wargame simulating PRC warfare against Taiwan. ROC President William Lai presided over the



second meeting of the Whole-of-Society Defense Resilience Committee on the same day in a move consistent with broader efforts to bolster Taiwan's civil defense resilience.

- The ROC Coast Guard Administration (CGA) intercepted a likely PRC ship suspected of damaging an undersea cable north of Taiwan on January 4. The CGA drove away a different PRC ship as it approached an area with undersea cables on January 6. Cutting undersea cables is a way for the PRC to isolate Taiwan or disrupt Taiwanese society.
- Instability in the highest echelons of the PLA's political commissars likely signals
 Xi Jinping's dissatisfaction with their effectiveness in instilling his ideals of
 political loyalty.
- Naturalized US citizen Chen Jinping pled guilty to charges of operating an illegal police station in New York at the behest of the PRC.
- Sources close to the Japanese government assess the PLAN and CCG likely conducted a joint maritime blockade drill in the Miyako Strait for the first time on December 22.
- Relations between the PRC and North Korea (DPRK) likely deteriorated in 2024 despite the year being dubbed the PRC-DPRK "Year of Friendship" in January 2024.

7. Why Greenland Is Of Growing Strategic Significance (TWZ, 09 JAN, Thomas Newdick)

Donald Trump seems more insistent than ever on controlling Greenland, but regardless of his controversial intentions, the island is of real strategic importance

8. <u>U.S. Reportedly Setting Up New Base In Northern Syria</u> (TWZ, 02 JAN, Howard Altman)

With just a few weeks left before Donald Trump takes office, the Biden administration is said to be increasing U.S. presence in the key Syrian city of Kobani.



Middle East Conflict

1. Institute for The Study of War Iran Update:

The Iran Update provides insights into Iranian and Iranian-sponsored activities abroad that undermine regional stability and threaten US forces and interests. It also covers events and trends that affect the stability and decision-making of the Iranian regime.

Iran Update, January 15, 2025
Iran Update, January 14, 2025
Iran Update, January 13, 2025
Iran Update, January 12, 2025
Iran Update, January 11, 2025
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2. Gaza Ceasefire Agreed To, Final Israeli Approval Pending (Updated) (TWZ, 15 JAN, Thomas Newdick & Howard Altman)

After more than 15 months of fighting, a Gaza ceasefire deal that includes the release of Israeli hostages is expected to be implemented within days.

3. The Islamic State's Global Long Game and Resurgence in Syria Poses an Evolved Threat to the West (ISW, 09 JAN, Liam Karr & Brian Carter)

Key Takeaway: The Islamic State has evolved and expanded globally since the territorial defeat of IS in Iraq and Syria in 2019, enabling the organization to continue to orchestrate and inspire attacks on the West. IS Turkey Province and the Afghanistan-based IS Khorasan Province are pivotal nodes in IS's external attack network and have repeatedly demonstrated the capability to coordinate attacks outside of their primary areas of operation. IS has taken advantage of weak states and poor governance in Africa to establish growing affiliates that control territory, support the IS global network, and bolster IS propaganda narratives. IS in Iraq and Syria (ISIS) is now resurging in Syria after a years-long campaign to reconstitute itself. Recent shifts in the international counterterrorism posture in Syria and Africa risk creating security vacuums that IS can exploit to strengthen further. IS's growing strength will inspire more lone wolf attackers and lead to more external attack plots against the West.



4. <u>US troops need to stay in Syria to counter the Islamic State</u> group, Austin says (AP News, 08 JAN, Tara Copp)

The U.S. needs to keep troops deployed in Syria to prevent the Islamic State group from reconstituting as a major threat following the ouster of Bashar Assad's government, Defense Secretary Lloyd Austin told The Associated Press.

5. With Syria Lost, Russia Is Shifting Its Base To A New Country In Africa To Retain A Foothold In Mediterranean (EurAsian Times, 01 JAN, Ashish Dangwal)

Russia has ramped up its air traffic between Syria and Libya in recent weeks, signaling a shift in its strategic focus as Moscow seeks to expand its military presence in Africa and retain a foothold in the Mediterranean.



Russia-Ukraine Conflict

1. Institute for The Study of War

Russian Offensive Campaign Assessment, January 15, 2025
Russian Offensive Campaign Assessment, January 14, 2025
Russian Offensive Campaign Assessment, January 13, 2025
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Russian Offensive Campaign Assessment, January 04, 2025
Russian Offensive Campaign Assessment, January 04, 2025
Russian Offensive Campaign Assessment, January 03, 2025
Russian Offensive Campaign Assessment, January 03, 2025

2. <u>Russia's Quiet Conquest: Belarus</u> (ISW, 15 JAN, George Barros)

Russia's effort to de facto annex Belarus poses strategic risks to the United States, NATO, and Ukraine.

3. <u>Mass Ukrainian Drone Onslaught Strikes Targets Across</u> <u>Western Russia</u> (TWZ, 14 JAN, Howard Altman)

The attacks struck fuel production sites, weapons storage facilities and other military targets across about a dozen regions in Russia.

4. North Korean Air Defense System Revealed In Ukraine By Russian Friendly Fire Strike (TWZ, 13 JAN, Thomas Newdick)

A North Korean-made surface-to-air missile system, broadly analogous to the Russian Tor, has appeared for the first time in combat in the Kursk region.

5. <u>Zelensky offers exchange of North Korean soldiers</u> (BBC, 12 JAN, Mallory Moench)

Ukrainian President Volodymyr Zelensky says he is willing to hand over two captured North Korean soldiers to Pyongyang in exchange for Ukrainian prisoners of war in Russia.

6. <u>2 North Korean Soldiers Fighting For Russia In Kursk</u>
<u>Captured Alive By Ukraine; Zelensky Shares Pictures</u>
(EurAsian Times, 11 JAN)

Ukrainian President Volodymyr Zelensky has said troops operating in Kursk have apprehended two North Korean soldiers, marking the first time that Kyiv has caught soldiers 'alive' from North Korea.

7. <u>Ukraine Claims Its Drone Boats Are Now Launching Kamikaze</u>
<u>FPV Drones At Russian Shore Targets</u> (TWZ, 07 JAN, Thomas Newdick)



Ukraine says it has destroyed three Russian air defense systems in some of the first successful FPV drone strikes launched from drone boats at sea.

8. North Korean Troops Killed in Kursk Drone and Gun Battle (Newsweek, 07 JAN, Isabel van Brugen)

Several North Korean troops fighting for Russia were killed in a gun and drone battle in Kursk, shortly after Ukraine launched a fresh incursion in the border region.

9. <u>Kursk: What is Ukraine aiming for with its new advance?</u> (DW, 07 JAN, Roman Goncharenko)

The Ukrainian army is advancing into the Russian region of Kursk despite being under increasing pressure in this region. Experts agree that Kyiv is sending a message to Donald Trump.

10. <u>Ukraine Launches New Offensive In Russia's Kursk Region</u> (TWZ, 06 JAN, Howard Altman)

With Trump just weeks away from taking office and negotiations potentially on the horizon, both sides are scrambling to snap up territory.

11. <u>100X Faster To Produce, Ukraine To Test Al-Enabled, Anti-Drone Missile Designed To Defeat Russian UAVs</u> (Eurasian Times, 05 JAN, Sumit Ahlawat)

Ukraine will soon test-fire a low-cost, Al-enabled miniature missile designed to counter low-flying drones amid rising Russian drone attacks on the country, including in the capital, Kyiv.