



TONY BLAIR INSTITUTE FOR GLOBAL CHANGE

Cyber is not just for Conflict: Lessons from Ukraine for Coordination & Resilience

AESCON, June 2023



Dr. Melanie Garson

Cyber Policy Lead

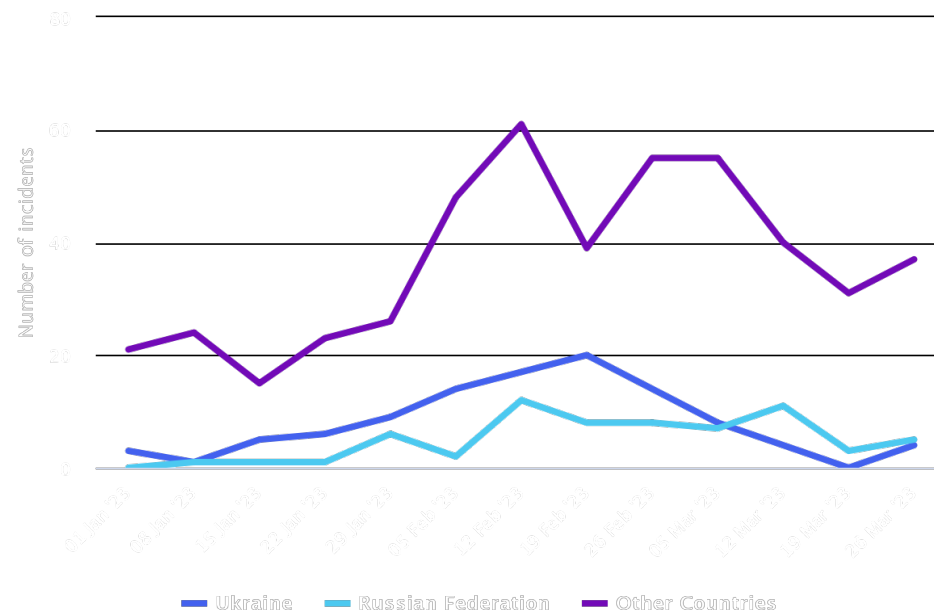
Acting Director, Geopolitics

Tony Blair Institute for Global Change



Ukraine & the World Remains Under Attack

Cyber Attacks Russia-Ukraine Q1 2023



New cyber actors are tipping the balance of power

How the cloud saved Ukraine's data from Russian attacks

Microsoft gives away '\$400m in cloud support' to Ukraine

Ukraine government is seeking alternatives to Elon Musk's Starlink, vice PM says

Ukraine in direct contact with Musk amid Starlink drama

TECH • INTERNET
The Battle for Control Over Ukraine's Internet

The degrading treatment of Ukraine's internet

And how the Ukrainians are responding

Exclusive: Ukraine has started using Clearview AI's facial recognition during war

Satellite internet is a hot new commodity in Ukraine

Starlink is being used by the military and hospitals, but its signal is weakest on the front line

Disinformation fight goes beyond

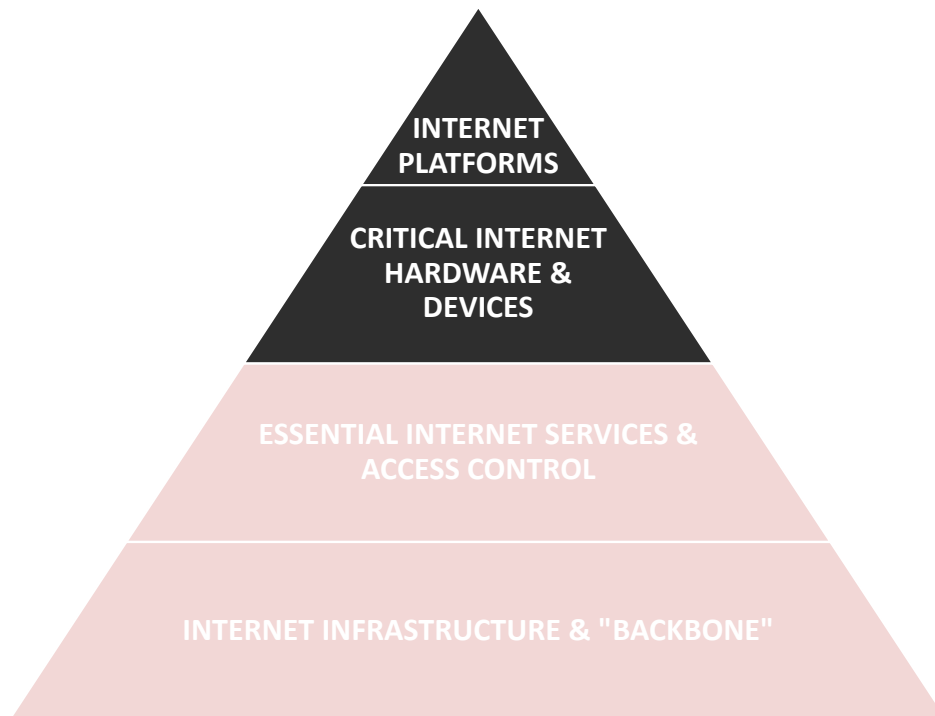
Ukraine war: Five of the most viral misinformation the conflict began

war in Ukraine has sparked renewed interest in keeping data within national borders. This creates challenges for those working with companies with mixed allegiances.

links on Ukraine are compromised by their absence

Inside a US military cyber team's defence of Ukraine

Platforms & hardware have led the discourse

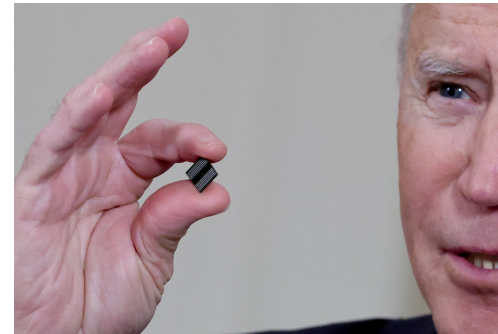


Europe

3 minute read · March 4, 2022 4:50 PM GMT+3 · Last Updated 9 months ago

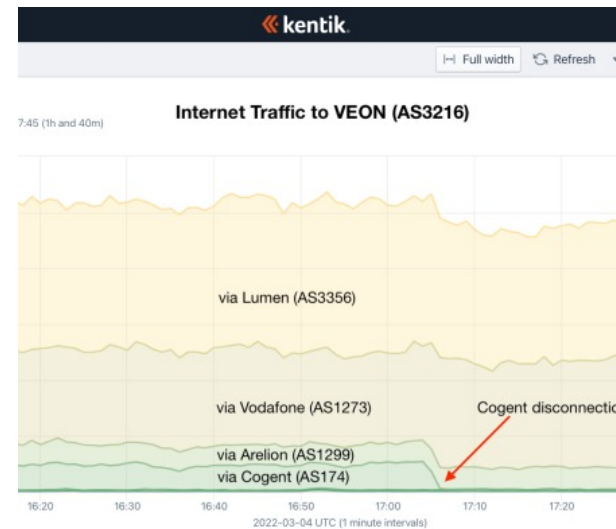
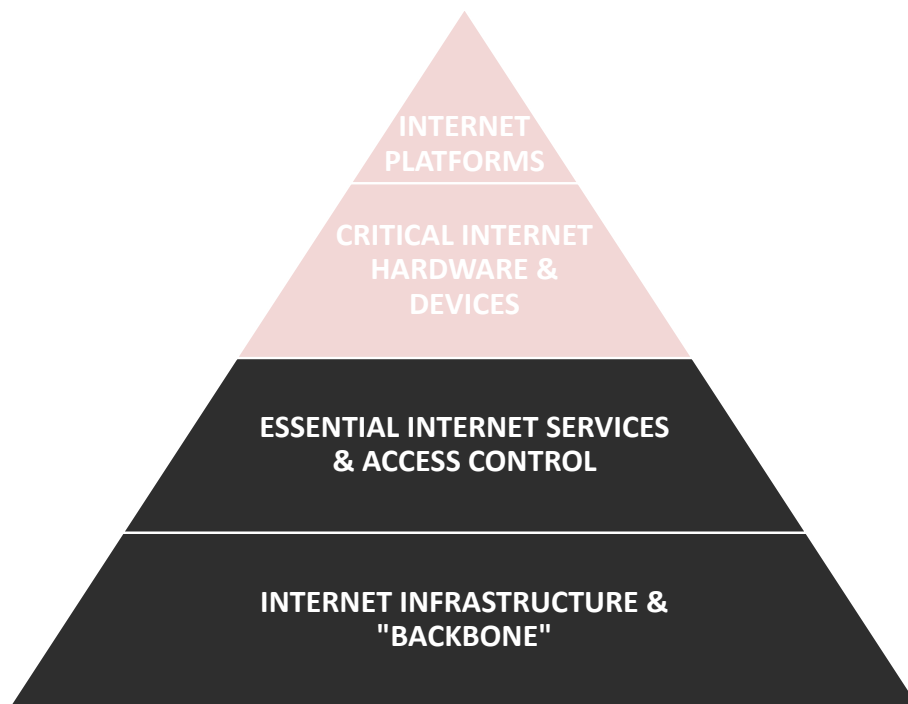
Russia fights back in information war with jail warning

Reuters



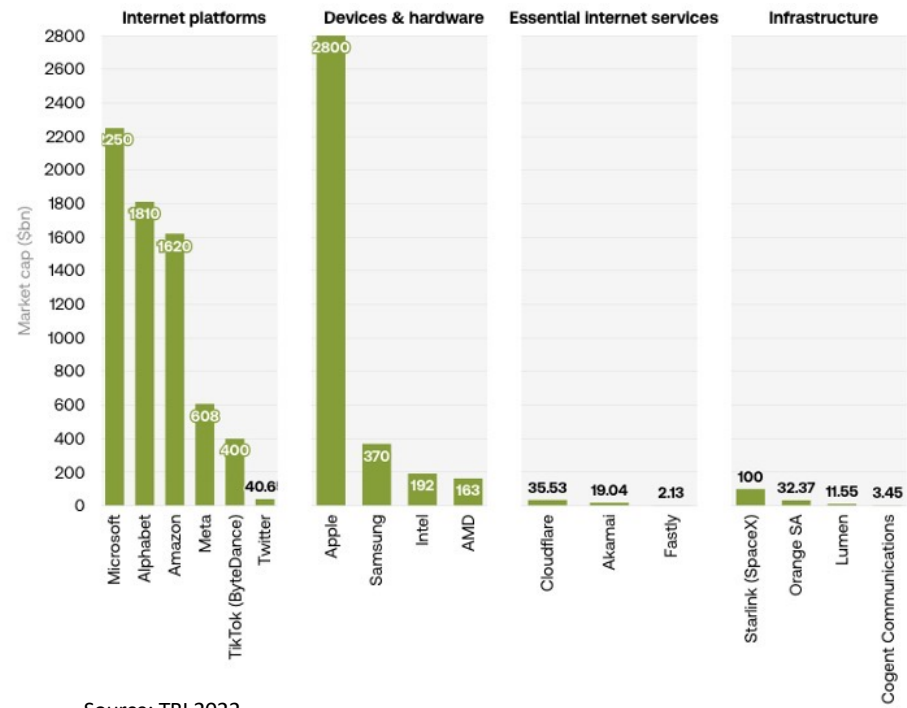
SOURCE: REUTERS

But private actors have been pivotal at every level



SOURCE: KENTIK

And are consolidating their geopolitical significance

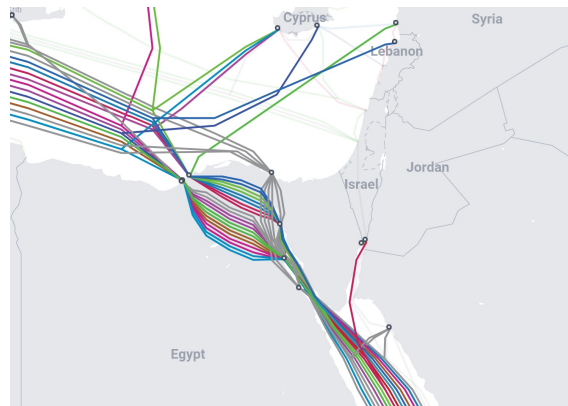
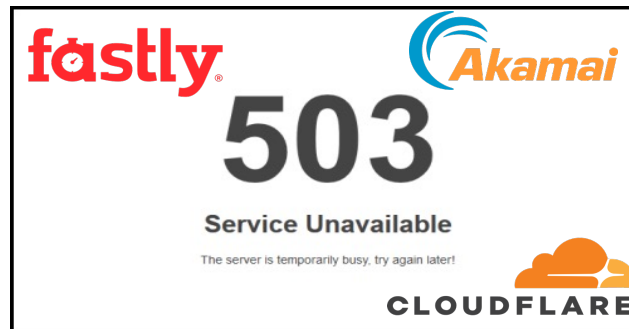


Source: TBI 2022

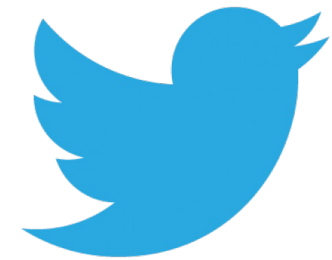
Across a range of geopolitical crises



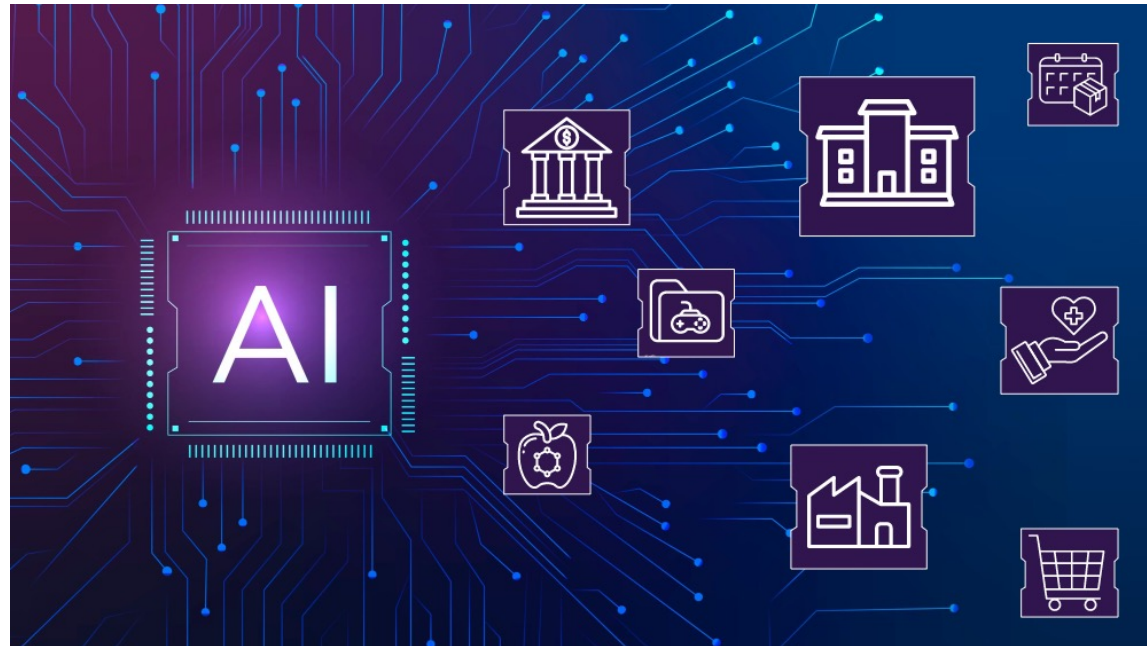
SOURCE: TONGA GEOLOGICAL SERVICES



SOURCE: TELEGEOGRAPHY

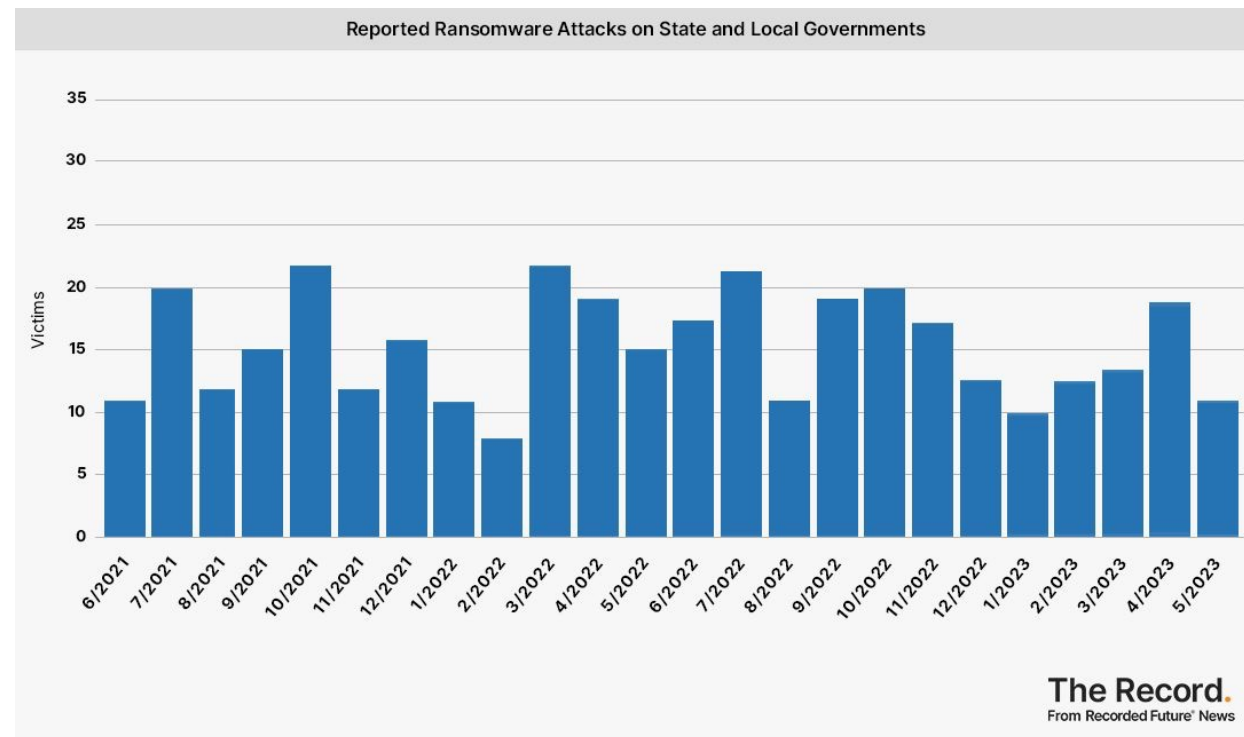


The More Capability = More Vulnerability



And cyber attacks are on the increase

Global attacks increased by **28%** in the third quarter of 2022 compared to same period in 2021. The average weekly attacks per organization worldwide reached over **1,130** (Checkpoint)



And will keep increasing

FIGURE 1 | Global Cybersecurity Outlook 2023: key findings



Cyber leaders

Business and cyber leaders believe global geopolitical instability is **moderately or very likely** to lead to a catastrophic cyber event in the next two years.



Business leaders

With far-reaching implications



COSTA RICA DECLARED NATIONAL EMERGENCY AFTER MASSIVE HACK

So, what's the problem?



Four key problems:

1. Clarity
2. Consistency
3. Coherence
4. Commitment

Disrupters and Defenders: What the Ukraine War Has Taught Us About the Power of Global Tech Companies

Paper | Posted on: 10th May 2022



By Multiple Authors



Coordinating with Tech Companies for the next cyber-enabled geopolitical crisis?

1. Formulate a robust & transparent geopolitical policy
2. Create an internal geopolitical crisis board
3. Build representation in key centres of geopolitical decisionmaking
4. Establish and join a self-regulatory geo-technology board



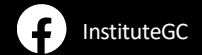
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Contact us

Melanie Garson

Cyber Policy Lead

m.garson@institute.global



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