



Level 0x01

Security and Information Impacts

Russian Wagner Group Location

- Post selfie on twitter with your favorite combat group
- Real life



Aftermath

- Location identified
- Missile launched
- 100 killed



Anti-drone Rifles

- \$12,000 electronic rifle made by Ukrainians
- Disables control of DJI drone
- Disables video of DJI drone



Documenting the war

- Mariupol photo journalist
- Limited power and limited internet
- Photographed hospital that was attacked
- Journalist split video into small parts
- Found open hot spots / internet connections and slowly got info out
- Image is claimed as faked



Mariana Vishegirskaia stands outside a maternity hospital that was damaged by shelling in Mariupol on March 9. Vishegirskaia survived the shelling and later gave birth to a girl in another hospital in Mariupol, but Russian officials claimed she was an actress and denied shelling the hospital. (Mstyslav Chernov/The Associated Press)

Proof

- On March 11, in a brief call without details, our editor asked if we could find the women who survived the maternity hospital airstrike to prove their existence.
- “If they catch you, they will get you on camera and they will make you say that everything you filmed is a lie,” he said. “All your efforts and everything you have done in Mariupol will be in vain.



Escape

- As we pulled up to the sixteenth checkpoint, we heard voices. Ukrainian voices. I felt an overwhelming relief. The mother in the front of the car burst into tears. We were out.
- We were the last journalists in Mariupol. Now there are none.



Medical / Hospitals Easy Targets

- Many connected computers
- Test equipment built many years ago using older operating systems
- How do you patch an MRI machine?



Schools are Easy Targets

- School District
 - Thousands of users
 - Limited IT, limited \$\$\$
 - Just trying to keep the lights on
- Senior prank
- Rick rolled school district
 - 500 hacked displays
 - Intercom
- Do not do this
- 26 page write-up submitted after





Write-ups

- DEFCON 30 Badge
 - <https://github.com/Kybr-git/DC30-Badge-Challenge-Writeup/blob/main/README.md>
 - <https://github.com/mwales/security/tree/master/ctf/defcon30/badge>



Links

- <https://nypost.com/2022/08/15/ukraine-hits-base-of-russian-paramilitary-group-wagner-report/>
- <https://www.youtube.com/watch?v=S9szKrS7dbQ>
- <https://apnews.com/article/russia-ukraine-europe-edf7240a9d990e7e3e32f82ca351dede>
- <https://www.cbsnews.com/news/hospitals-across-britain-hit-by-ransomware-cyberattack/>
- <https://whitehoodhacker.net/dc30-the-big-rick.pdf>