A person looking up to a box

Description automatically generated

Infrastructure

Social engineering on power plant employees to gain access to the national grid

Blocking trains and other transport methods

Attacking banks with botnets to disable funds

Hacking systems that are used to ship goods to and from the country

Disabling communication methods, such a s social media overloading the internet and phone providers

Infecting computers to wipe data at key businesses

Gaining access to TV companies to plant rubber duckys to push agenda across national tv

Voting

Attacking voting centers to stop votes being allocated to certain political parties

Remove people’s trust in voting by running a disinformation campaign on vote hacking

Deep Fakes

Posting deep fakes of politicians to various media sites

Create a fake account of an ethical hacker exposing fake news (police violence, emergency services mistreating patients, forged crime statistics, famous unsolved murder cases accusing the government of covering it up) (inspiration from leaked texts a couple years ago revealing multiple police members in the MET joking about domestic violence/abusing their partners causing a huge scandal)

Political Chaos

Create social media groups of different political views and get them to protest on the same days

Organizing paid protests based on current events.

Attacks without a clear goal, get each side blaming the other.

**Country – France**

Hack electricity and gas. By using faults in security, **ICS** (Industrial Control Units), phishing or unpatched machines

NATO country, will get support

Use several VPNs so they don’t know where the attacks are coming from (DDoS masked by VPN)

Can get into their security and have the attacks come from their own Police or Secret Service or a random French civilian

Attack civil nuclear facilities by entering their systems using Stuxnet and doing a hard shutdown of reactors making it likely to cause a nuclear meltdown

Find a way into the prison network and release prisoners by finding exploits in their systems using XSS (cross site scripting) and JavaScript and [**Fuzzing**](https://www.synopsys.com/glossary/what-is-fuzz-testing.html#:~:text=Fuzz%20testing%20or%20fuzzing%20is,as%20crashes%20or%20information%20leakage.).

Use ransomware to infiltrate the judicial systems

Use Deepfakes of politicians to create panic

Previous attack in France, people pretended to be a Cap Emploi agent, which is the network of France Travail. They requested a password reset and were able to steal 43 million people’s data.

- Can implement a similar technique to gain access to a massive amount of data, maybe target airlines, trainlines, healthcare etc

Currently hosting the Olympics, can give out free USBs along with other gifts as Olympic merchandise with malware code. - physical technique

Technical Overview: Hacking a country’s infrastructure or systems would require significant expertise, resources, and planning. It would involve identifying and exploiting vulnerabilities in various systems, including:

Network infrastructure: Routers, switches, firewalls, and other network devices.

Computer systems: Servers, workstations, and other devices running various operating systems.

Control systems: Industrial control systems (ICS), supervisory control and data acquisition (SCADA) systems, and other critical infrastructure control systems.

Internet of Things (IoT) devices: Connected devices, such as smart home appliances, industrial sensors, and other IoT devices.

Challenges: Hacking a country’s systems would face numerous challenges, including:

Scale: The sheer size and complexity of a country’s infrastructure and systems would make it difficult to identify and exploit vulnerabilities.

Security measures: Countries typically have robust cybersecurity measures in place, including firewalls, intrusion detection systems, and incident response teams.

Geopolitical considerations: Hacking a country’s systems could have severe diplomatic and economic repercussions, making it a high-risk and high-stakes activity.

Legal and ethical implications: As mentioned earlier, hacking a country is illegal and unethical.

Use an updated version of something like cloud strike to bring down the banking network and investigate a way to compromise SWIFT which would bring down the global banking network.