# Pegasus Spyware

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# Meet the Team





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## What is Pegasus and Where Does it Originate?

#### What is Pegasus?

- A spyware prototype program created by Israeli cyber intelligence in 2011.
- A zero-click surveillance software
- Has the ability to infiltrate most iOS and Android devices
- Has a lot of power
- Not originally intended to be used as a cyberweapon



### **Controversy**

- NSO group can sell spyware to any agency of their choice
  - Used by authoritarian/repressive states to target activists and journalists
  - However, also used to help prevent terrorist attacks and stop crime rings
- Invasion of Privacy
- No substantial regulations on the sale or transfer of spyware like.
   Pegasus
- Lack of transparency prevents accountability

#### **Access To:**

Calls
Emails
Social Media
Location
Contacts
Passwords
Notes
Photos

#### People Affected

Journalists
Human Rights Activists
Government Officials
Past Presidents

# 50k+

Leaked Phone Numbers

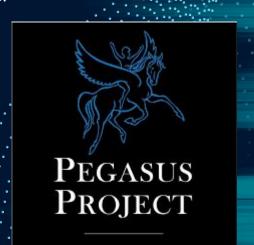
# 15k+

Leaked numbers come from Mexico

## **Global Spyware Scandal**

#### Pegasus Project:

- Investigative journalism first reported in July 2021
- Attacked Journalist, Human Rights Activists, Politicians, Etc.
- Mexico, Morocco, Hungary, and India
- Greater regulation for cyber-surveillance industries



#### Is it ethical

• Is NSO group considered an ethical company?

Should US intelligence inform US companies about exploits?

 Should US organizations use a software that can spy on its citizens without warrant?

 Should Israel allow a company it controls to sell software used to target/kill journalists?



#### **The Aftermath**

 The us government where customers of the spyware but still ordered an investigation by the justice department

 Found that it wasnt only used on malicious people like NSO claims. Which sets a dangerous president

NSO was banned from purchasing American technology

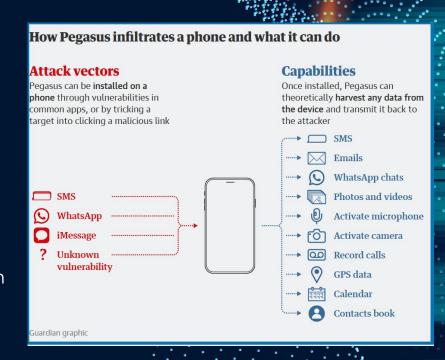
- After pegasus was discovered the response time from the companies affected was quick
  - Apple creates a patch within ten days of finding out about pegasus



## **Software Comparison**

#### **Unique Traits / Differences**

- Made to attack mobile devices
- Very difficult to detect or trace
- Can have root access
- Can be deployed as a Worm or a Trojan
- Very Expensive, flat fee of 500k



#### **Lessons Learned**



There are many ethical issues with this software as it violates the user's right to privacy. - Mariama

The importance of ethical hacking/hackers. - Anthony

Never store very sensitive or work related data on personal devices - Zau

Although things like spyware may be intended to be used correctly, that can't always be promised - Kim

Of all devices, our phones carry our most personal information so securing them should be a priority - Alex

# Questions?

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