

## **Pegasus spyware : The Zero-Click attack – Scandal**

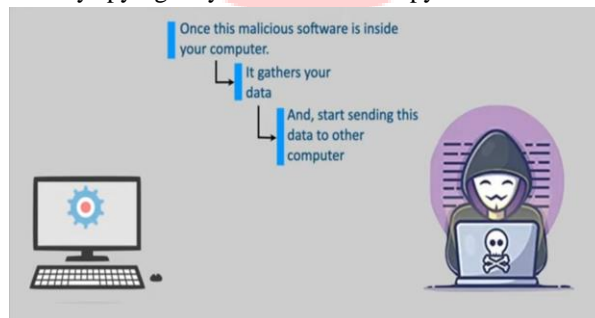
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**Abstract :** The word pegasus has come from greek mythology , a mythological creature that is white horse which is called as pegasus , but in this modern world the pegasus is a type of spyware or a malware which is dangerous software viruses , that secretly get into your computer or smartphone and gives your data to other person or people .This pegasus spyware is developed by the Iserli Company ,The NSO Group ,The full form of NSO is this N (Niv carmi),S (shalev Halio),O (omri lavie)



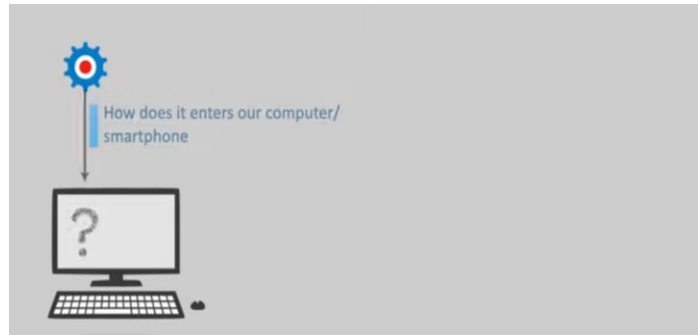
Basically the name of the three founders of this company It can also access your camera they may even record your video through the devices camera or any other data like your whatsapp chats or photos ,they can extract all the data and send the data to someone else without the users concern basically spying on you is what these spyware do .



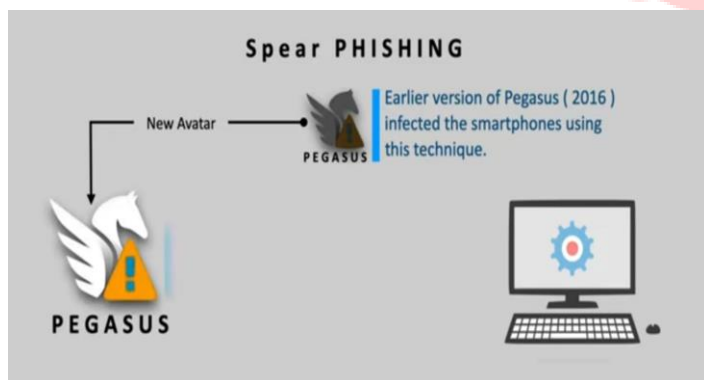
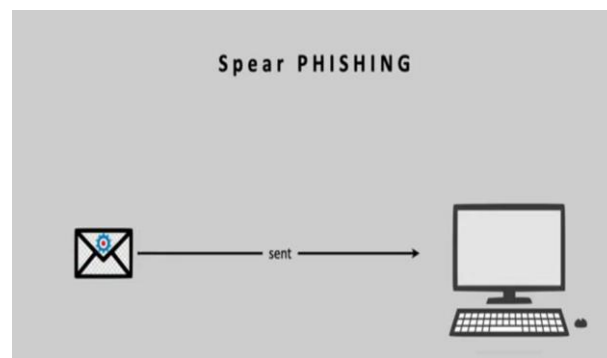
**Keyword:** Spyware, Pegasus, Zero-Day Vulnerability, spear Phishing, zero click attack

### **1. Introduction**

So here the question arises: **How does this pegasus spyware entries into your smart phones and your devices ?**

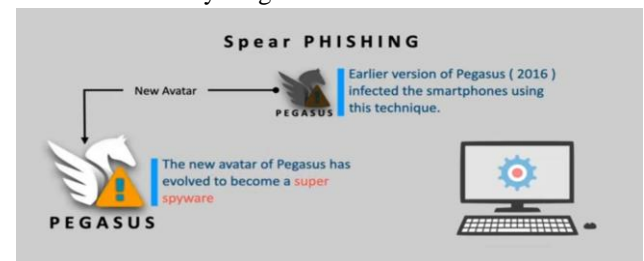


earlier you would have gotten a link through SMS or an whatsapp ones you would click on the link then your phone could have been infected ,



1. Reading your whatsapp chats and SMS
2. Recording your calls
3. Monitoring the numbers you have called
4. Accessing your photos
5. Getting your location by tracking your GPS
6. Secretly using your camera or your phones microphones
7. All your contact details and passwords

It can access everything



but today they have improved their technology so much that you don't even have to click on the link they will send you a whatsapp message or leave a missed call on your number even if you don't receive the call the pegasus spyware can still infect your phone and that's why it's too dangerous and shocking they just need to know the phone number

It can attack both android and IOS device and once it has infected the phone it can do anything like ,



Another big question arises that why did NSO create the pegasus or what was the need for it ?



NSO claims that they created Pegasus ,  
So that government intelligence and law enforcement agencies can use this to fight against crime and terrorism  
For eg:

The mexican government has said that they used the pegasus spyware to capture the drug load

You might be thinking that how good is the spyware it can be used to gather up all the terrorist and criminals of the world so that the entire world would become a better place because of this spyware

But there is a twist in the pegasus spyware

Allegedly this recent leak also include the name of a mexican journalist The mexican government has allegedly spied on a mexican journalist using this spyware The mexican journalist had exposed several corruption scams in mexico, later this mexican journalist was murdered ,apart from this where a washington post journalist , jamal was murdered allegedly by the Saudi

Arabia Government in that case its now revealed that pegasus spyware was actually it was installed a few days before that murder on the phone of the journalist's wife , In another side the Saudi Arabia prince had apparently hacked the phone of Amazon chief Bezos this was also reported

If we want to talk about the current expose ,it has been revealed by a france based NGO forbidden stories they had technical support from the amnesty international team

They have revealed a "leaked list" with more than 50 phone numbers and they claim that the phone number belong to the people ,who have been already been spied on using pegasus or the potential targets of being spied on the future more than 80 journalist ,17 distinct media organization ,present in 10 different countries all of them have collaborated in the latest expose

Pegasus is a super spyware software that is made by NSO group is an Israeli Cyber Firm where this spyware will be sold to different government

The working of the pegasus is , a spyware is any malicious software ,where this malicious software enters into a system once this malicious software is inside your computer . it starts to gather the data and it start sending this data to other computer the spyware starts to transfer your data without your consent to a person who is spying on you

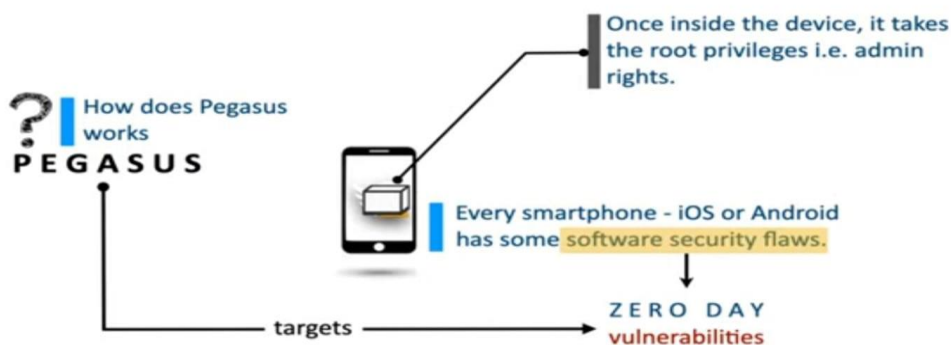
**How does this spyware enter our computer or the smartphone ?**

Till now the spear phishing technology was been used

In this a communication mail will be linked with a spyware and sent to the target system and then the email notification is been received by the target system ones the targeted person opens the link or click this software is been installed at your background before the older version of this pegasus used to work based on this methodology ,but now a new version of pegasus is been launched which is more dangerous compared to previous version of software where the latest version of pegasus works based on "Zero Click attack" means that even if you click or don't click the attachment or link it will be installed automatically and starts to run at the background now this spyware works as following like every smartphone Android or IOS has some security flaws these software security flaws are called ZERO DAY VULNERABILITIES .this pegasus spyware software target the ZERO DAY VULNERABILITIES

## Conclusion

To be protected from such pegasus level hacking to do something at an individual level is next to impossible the only thing you can do is don't share your phone number with people other than your very close friends or family members which is practically not possible for anyone to practice but in day-to day lives against most of the attacks on your privacy you can be protected by using VPN where VPN helps to hide your current location and one of the best VPN app is Nord VPN which works across various devices ,NordVPN has more than 5,400 servers across 59 countries so you can spoof your location among these countries while using the internet.



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