

Script n°15: Hospitals see increase in cyber security hacks and cyber threats amid coronavirus vaccine rollout

Durée de la séquence vidéo/audio : 2:30

Male journalist -

Sticking with the healthcare space though of course we've been talking about the overloaded staffs and many of the hospitals across the US really around the world. And right now, many of those hospitals battling a new problem here in 2021, which is something that we saw play out in the latter half of 2020, as well as the the cybersecurity threats many of these hospitals are facing. And for more on that want to bring on Yahoo finance's Dan Holly who has the details of increase hackings on hospitals. Stan.

Dan Holly -

That's right, yeah, according to checkpoint security software, basically what we're seeing is a huge jump in the amount of hospitals that are being attacked in North America alone, there was a 37% increase in November, as far as hospitals that are being hit with different types of malware. As far as internationally, we're seeing Central Europe hit with 125% increase, as well as East Asia, with 137% increase. Individual countries, Canada, so 250% jump in, Germany so a 220% jump in. What's going on here is there's different vectors of attack so whether or not it's botnets, those are kind of zombie machines that are being used to attack individual hospitals or more worryingly ransomware attacks so that's where an attacker uses some kind of email to inject malware, into a larger hospital system, and then encrypt patient records or something along those lines and demand a ransom pay usually in Bitcoin to then provide the decryption keys to these hospitals and, you know, just to give you an idea of how big of a deal this can be we've seen hospitals from New York Vermont, Oregon, all impacted this has been going on before COVID but it does add to the kind of issues that we're seeing just because of the vaccination efforts and the surge in people who are being infected and then just anecdotally as far as the kind of problems that these kinds of hacks can cause there was a report of a woman in Germany who sadly died because she was facing a medical emergency and the hospital that she was originally trying to get to, or be transported to the closest one was facing a cyber attack at that point and so they couldn't admit her, so they had to take her to a more distant hospital, and as a result she ended up passing so this is very much an issue of life and death in certain situations when these hospitals are hit by hackers.

Female journalist -

Yeah and and we've been talking so much about the digital acceleration the positives of that throughout the pandemic. This is of course the other side of it, largely because so much information now online are more prone to hacks. Thanks so much for bringing us that story.

**RÉDIGER SUR CETTE PAGE
LA FICHE DESCRIPTIVE DE LA SITUATION PROPOSÉE**

1^{re} PARTIE, DESTINÉE AU CANDIDAT

SITUATION PROPOSÉE (*rédiger ci-dessous en langue anglaise, utiliser autant de place que nécessaire*) :

As an IT technician, what advice would you give the boss of a company to protect his/her organization from cyber attacks?

2^e PARTIE, DESTINÉE À L'EXAMINATEUR

QUESTIONS CLÉS (*rédiger ci-dessous, utiliser autant de place que nécessaire*) :

How can you protect my data from hackers' attacks ?

How can I safely store my data ?

Who can have access to this data ?

SOLUTION(S) ATTENDUE(S) (*rédiger ci-dessous, utiliser autant de place que nécessaire*) :

- Any possible storing solutions : usb device, hard disk, Lan server, the cloud...
- Define the dangers for each solution
- encryption / limit access to information to some people only / changer regularly passwords / dangers from the inside of the company...