PrivacyIQ

Hospitals • Healthcare Groups • Healthcare Management

CHALLENGE:

Keylogging spyware is commonly downloaded as a result of clicking on an infected link and are often leveraged in a breach to steal network access credentials and other sensitive data. According to research, 71% of clinicians said their hospital allows some form of “Bring Your Own Device” (BYOD) to access hospital and patient information. Since this is often the same device, they are using to access personal email, texts and social media, the BYOD employee poses an increased risk to keylogging spyware.

SOLUTION:

PrivacyIQ Keystroke Encryption software eliminates the ability of keylogging spyware to capture keystrokes and steal access credentials to sensitive patient information. This includes doctors and staff who are accessing the network systems from their personal device. Hackers will always find ways to trick users into downloading a keylogger, but with **PrivacyIQ** installed, the spyware is rendered useless.

PrivacyIQ Benefits:

- Protection from Keylogging Spyware, the number one malware component.
- Protect Network Access Credentials.
- Protects the vulnerable gap found at the point of data entry.
- Runs in the background, no employee training needed.

DETAILS:

Health records are in high demand on the Dark Web because they contain all of a patient’s personal information including name, address, birthdate, social security number, credit card information and medical records. According to a recent study published in the JAMA Network, phishing poses a particular threat to healthcare organizations. Phishing is the practice of tricking unsuspecting victims into clicking on links that look legitimate. A recent Verizon Data Breach Report reported that phishing was found in 90% of breaches and 95% of all phishing attempts that led to a breach, were followed by software installation, including keyloggers. Keyloggers are typically used in the beginning stage of a breach to gain access credentials and other sensitive data. When a keylogger has infected a computer, tablet, or mobile phone, it steals every keystroke typed into the device. Once network access credentials are obtained, hackers can either exfiltrate patient information or install ransomware to lock down the system and hold it for ransom in order to extort funds from the institution.

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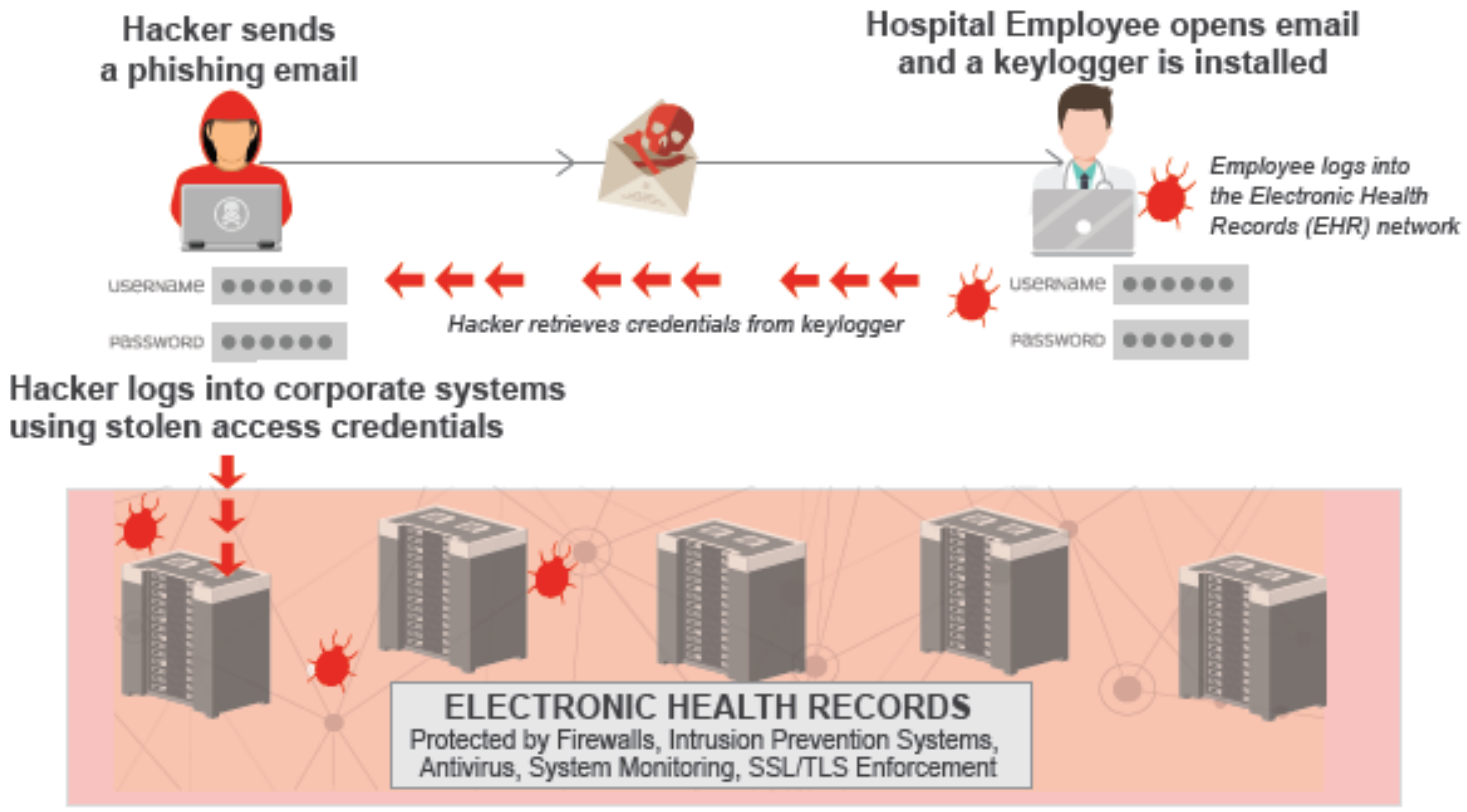
SOLUTION TO HIPAA PASSWORD REQUIREMENTS

Installing PrivacyIQ keystroke encryption on all devices that are used to enter sensitive information such as passwords would address the vulnerability to keyloggers. Adding keystroke encryption will protect login credentials and patient data and fill a gap in endpoint security to protect the healthcare organization.

USE CASE: HEALTHCARE

Results

BEFORE



AFTER