



Cybersecurity / Breach Clinic Update '21

AFHTO Mar 4/2021

March 4, 2021

Our Objectives Today

1

Discuss the current cybersecurity trends in healthcare

2

Look at the top threats facing your team / best practices to reduce risk

3

Explore what a cyber attack looks like and what to do

4

Describe how and where to report breaches

5

Questions to ask an IT consultant / your network team

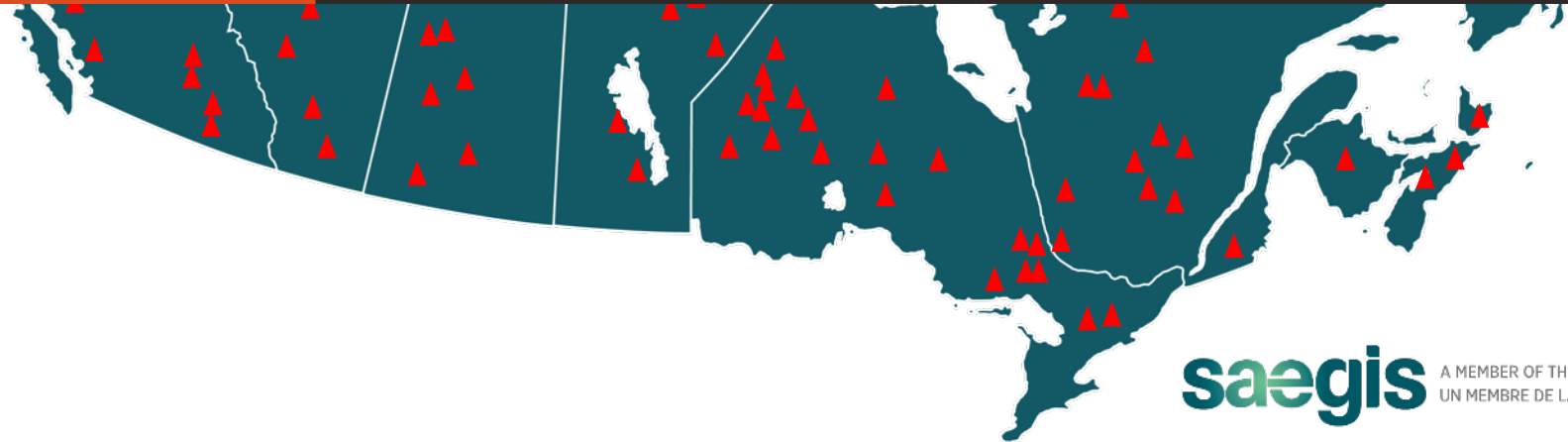


Risk and number of breaches are on the rise in Canada

ALERT

Cyber threats to Canadian health organizations

This Alert is intended for IT professionals and managers of notified organizations. Recipients of this information may redistribute it within their respective organizations.



Why Target Healthcare?

- Disjointed Legacy Systems
- Competing High Level Priorities
- Staff Untrained on Cybersecurity
- Motivated to Recover Quickly
- Public Safety / Public Funding



Consequences of Breaches in Healthcare

- Patient safety
- Breach of privacy
- Downtime
- Significant stress
- Financial / legal consequences
- Reputational damage



Breach Threats facing Your Team



Ransom Attacks



Denial of Service



Social Engineering / Phishing



Credential Stuffing



Unauthorized PHI Access




Unauthorized Disclosure



Team Best Practices

- Back-ups
- Secure Mail
- Update Devices
- Complex passwords
- MFA
- Be Phishing Aware
- Updated / Followed Policies
- Annual / Ongoing Training



**Knowledge
Empowers
You**

PLEASE REPORT A CYBER INCIDENT / BREACH

Notify Individuals, Privacy Commissioners, and Regulatory bodies

Incident Management and Operational Coordination Team



cyberincident@cyber.gc.ca

CONNECT WITH CCCS

 contact@cyber.gc.ca

 www.cyber.gc.ca

 [@cybercentre_ca](https://twitter.com/cybercentre_ca)

Cyber Centre Publications :

<https://cyber.gc.ca/en/publications>

Cyber Center Alert & Advisories:

<https://cyber.gc.ca/en/alerts-advisories>

To report fraud:

Canadian Anti-Fraud Centre

1-888-495-8501

antifraudcentre-centreantifraude.ca

To report a cybercrime:

Local police or

Royal Canadian Mounted Police

www.rcmp-grc.gc.ca



To report a cyber incident

Canadian Center for Cyber Security



cyberincident@cyber.gc.ca

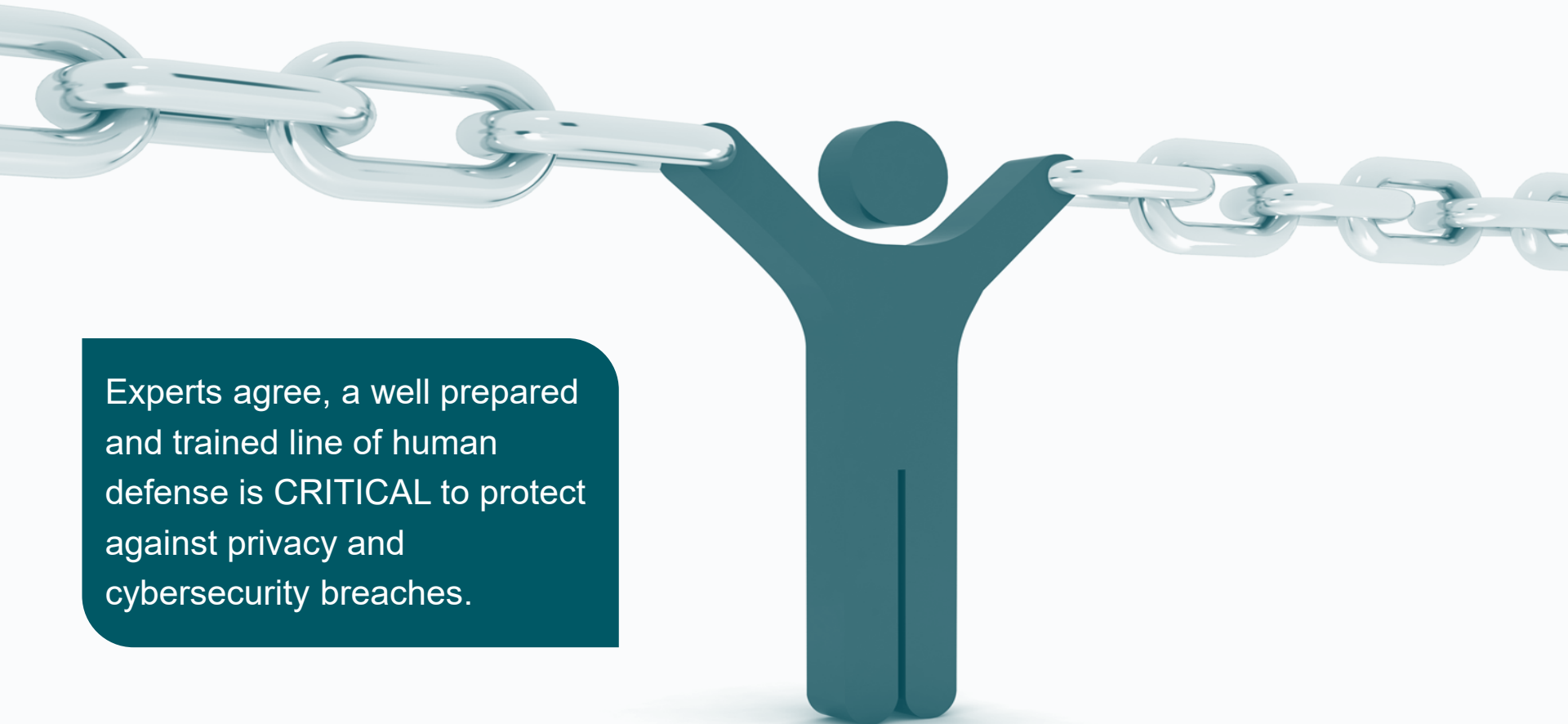
Questions to Ask Technology Vendors

- IT Consultants
- EMR
- Network Administrators



Submitted Q & A

- What threats to look out for when working from home?
- How to avoid ransomware?
- How much ransom are attackers asking for currently? Do most pay?
- How do I evaluate my organization's IT security?
- How much cyber security insurance do I need?
- Safe working from home options. Is VPN the best option?
- What are the risks between on premise vs cloud solutions?
- What are some new security threats?



Experts agree, a well prepared and trained line of human defense is **CRITICAL** to protect against privacy and cybersecurity breaches.

Prevention is Key!

It is much safer for patients and significantly more cost-effective than recovering from a breach.