

Security is
everyone's responsibility

Cyber Security and IT Risks webinar

29th July 2020

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Agenda

1. Why cyber-risk?

2. Common attack vectors in Uganda

3. Next steps?

Are you secure online?



<https://www.summitcl.com/cyber-hygiene-2020/>

Why Cyber Risk?

1) How much do you estimate Uganda loses annually to cyber crime incidents?


Why Cyber Risk?

The average cost of cybercrime incidents to organizations, US \$13.0m globally as of today



US \$13.0
million

US \$17,700

 **Global average per incident** take on phishing attacks in 2019

Why Cyber Risk? [Official..]

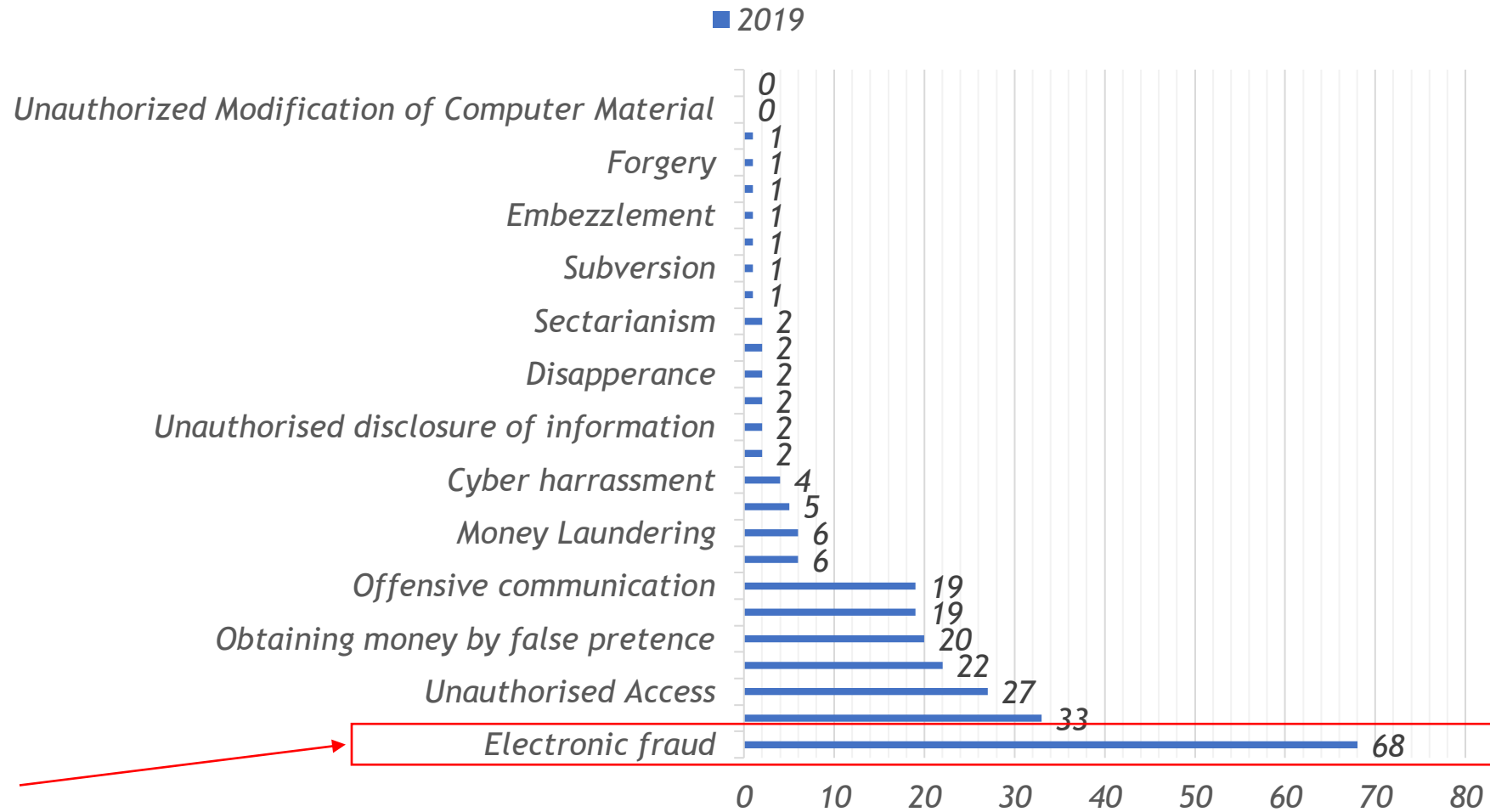
Uganda Policy Cyber Crime Report 2019

Year	Cases	Loss (Ugx'm)
2019	248	11,446,603,500
2018	198	610,335,000

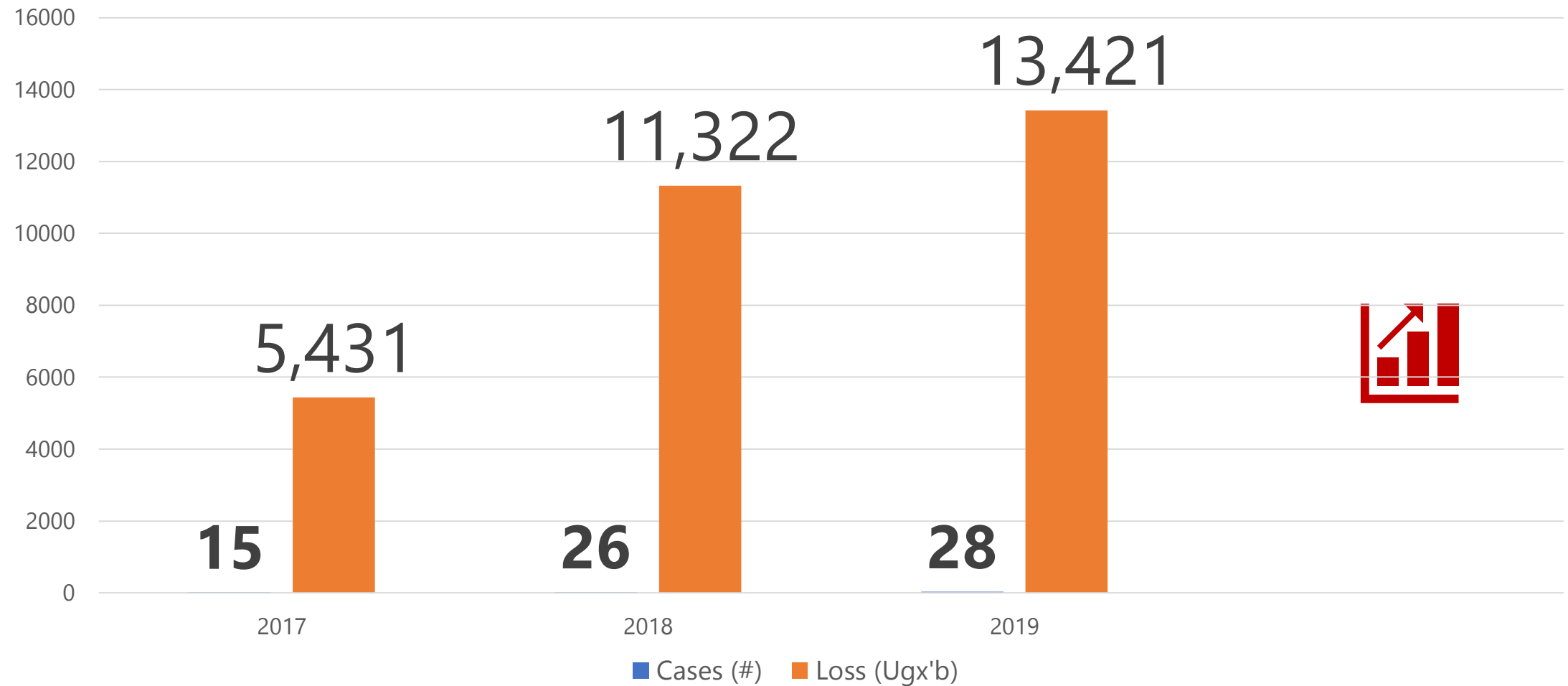


Only **30% Prosecution Rate** by Uganda Police!!!

Ug Police Cyber Crime 2019 cases

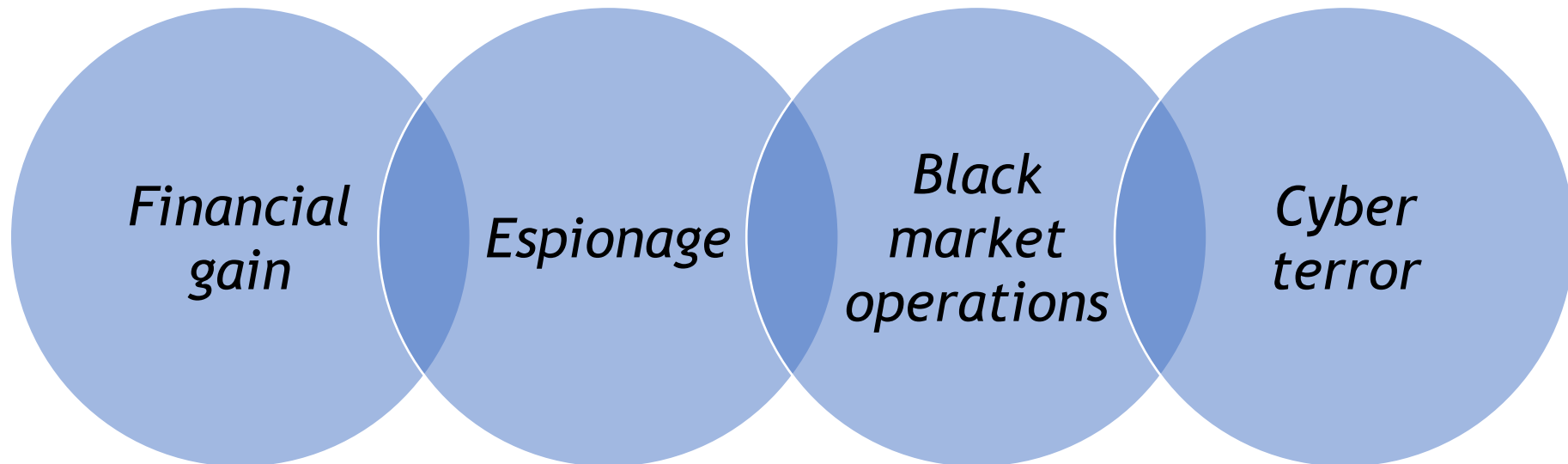


The state of Cybercrime in Uganda

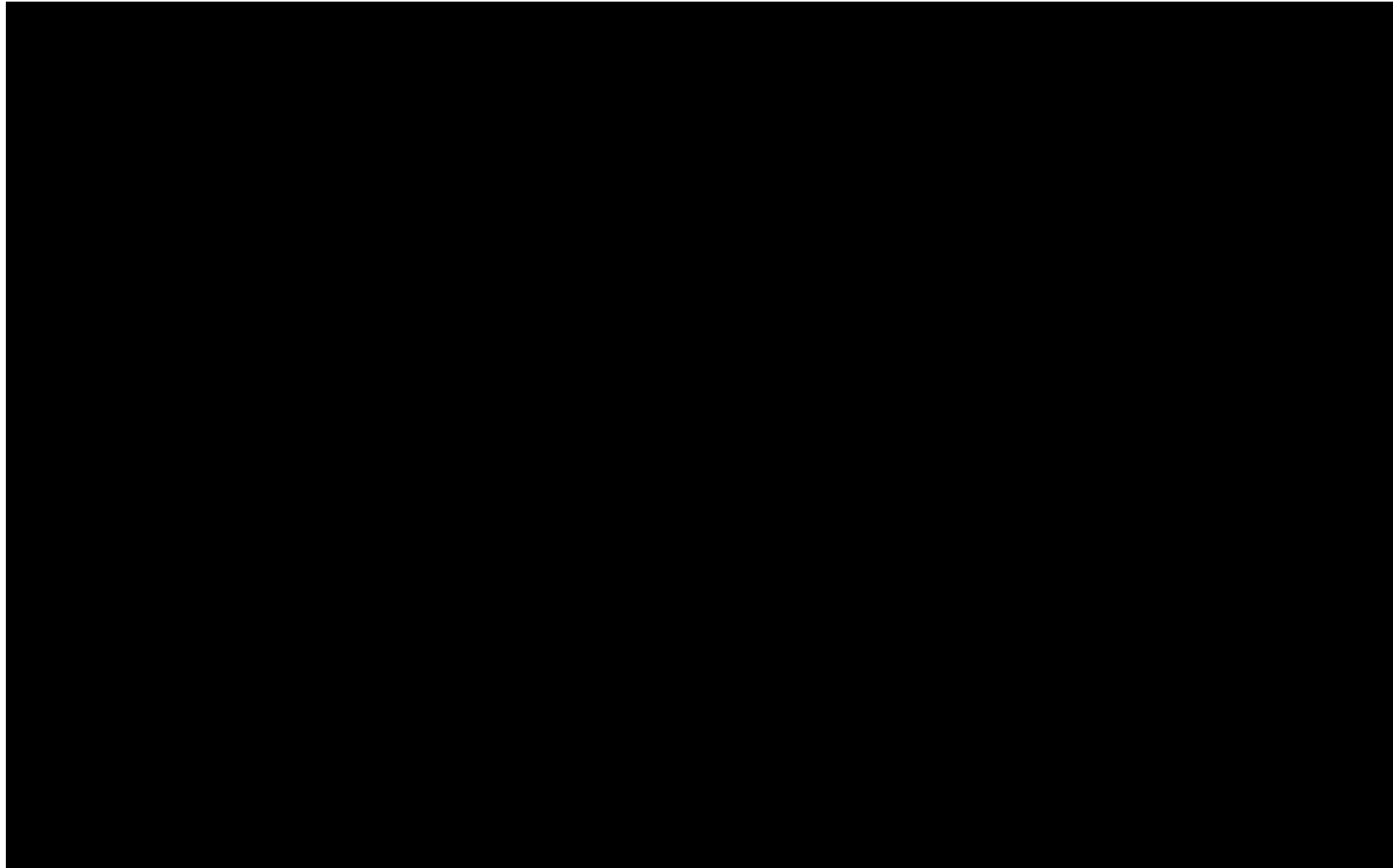


Why Cyber Risk?

*US spends
\$19 billion per year in
cybersecurity.*



Are you safe Online?



Be safe online...



Are you safe?

Common Attack Vectors

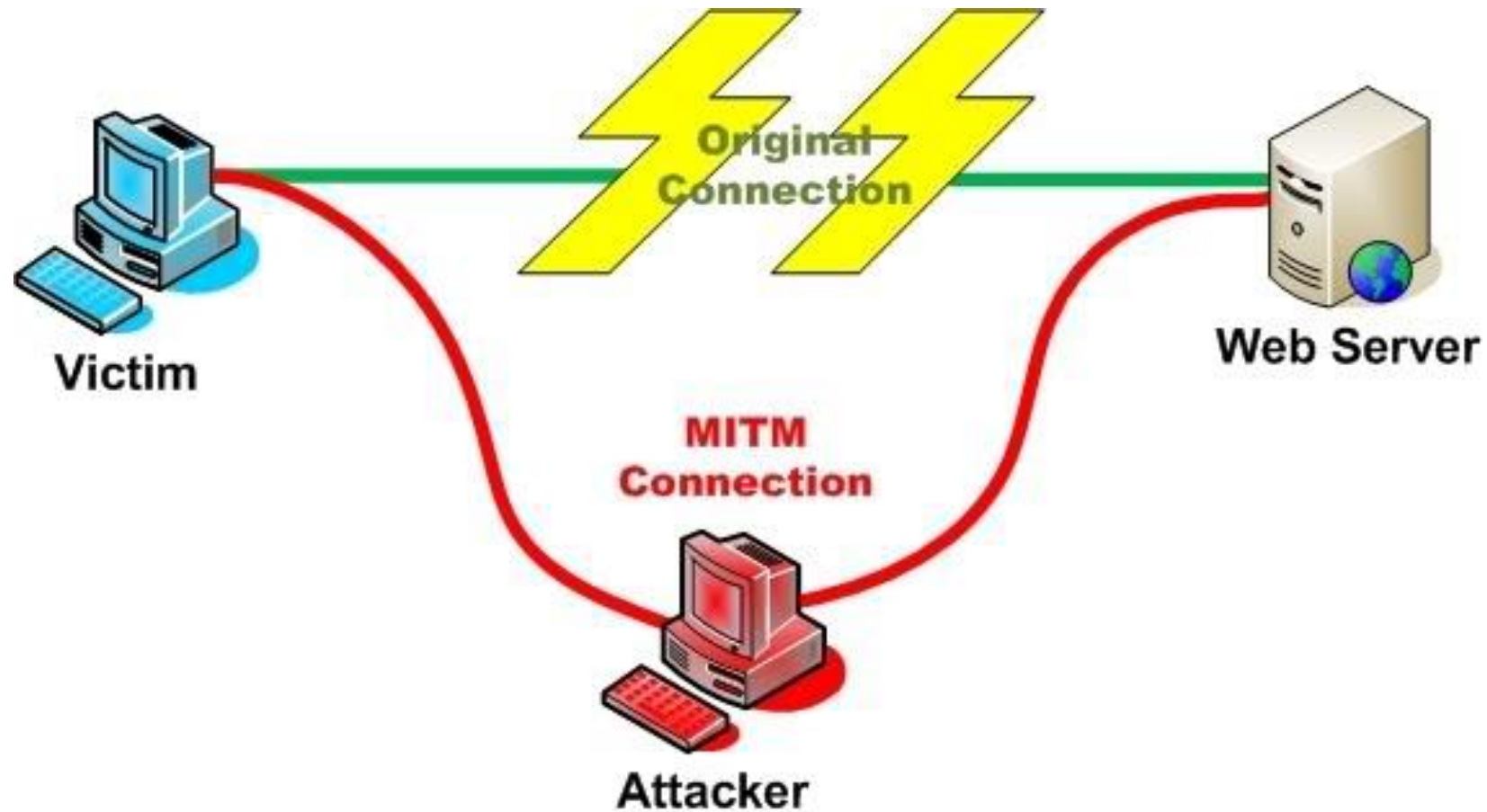
Case #1: Keylogger

Keylogger

- a) A phishing scam is crafted and delivered via appropriate mechanism, email or skype chat.
- b) All records of victim are captured

[SEE DEMO](#)

Man-In-The-Middle...



Phishing...



Managing cyber risks...



Data warehousing

*Use of
Relational
Databases*



Cyber Hygiene

*Advanced
data integrity
and security*



Leveraging from
Big Data



Automation

Total DB and Network
Visibility

*More than 80%
downtime spent in
event management!*



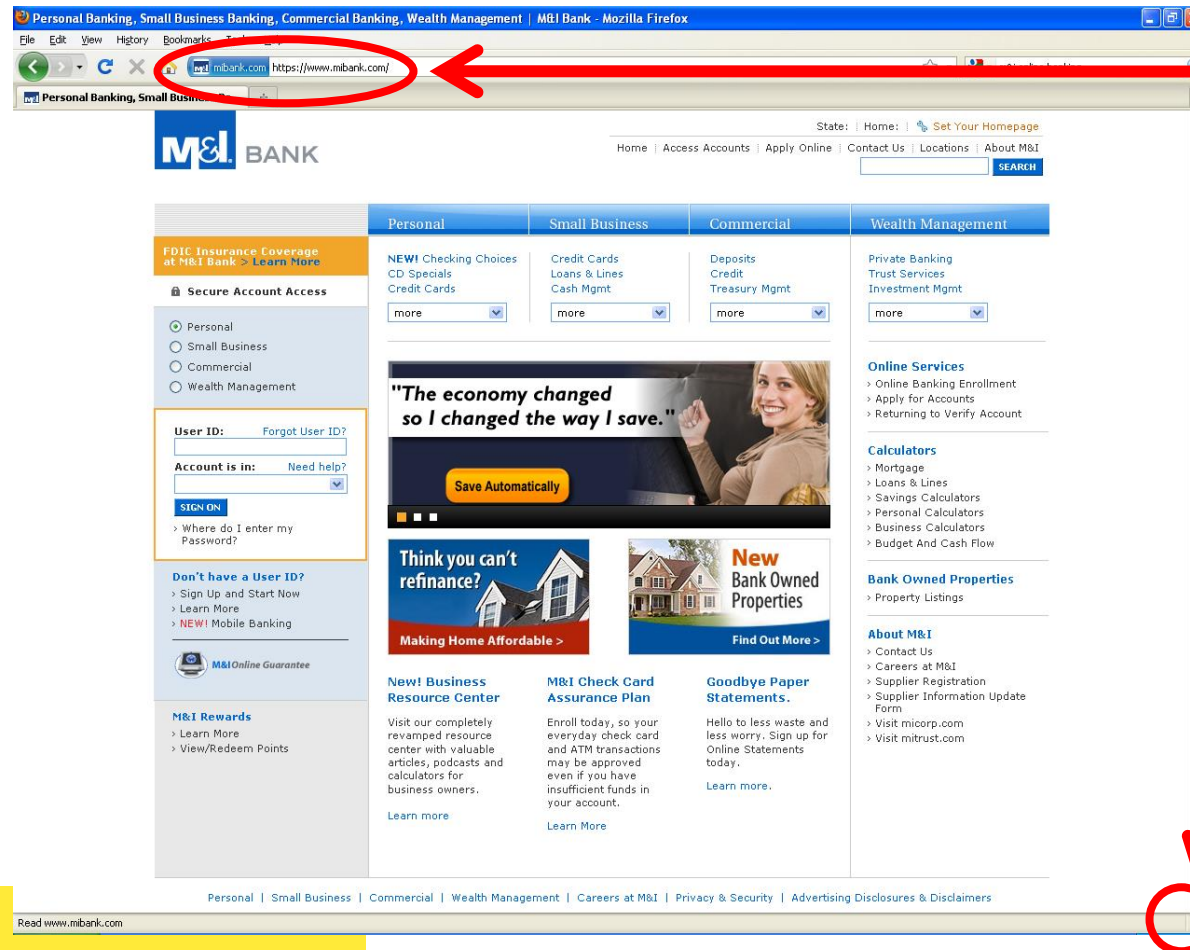
Reporting
Real time



▣ In this evolution, cyber security has shifted from its current state of "detect and repair" to "**predict and prevent**," transforming every aspect of the security in

Secure online presence & business

- ⦿ Always use secure browser to do online activities.
- ⦿ Frequently delete temp files, cookies, history, saved passwords etc.

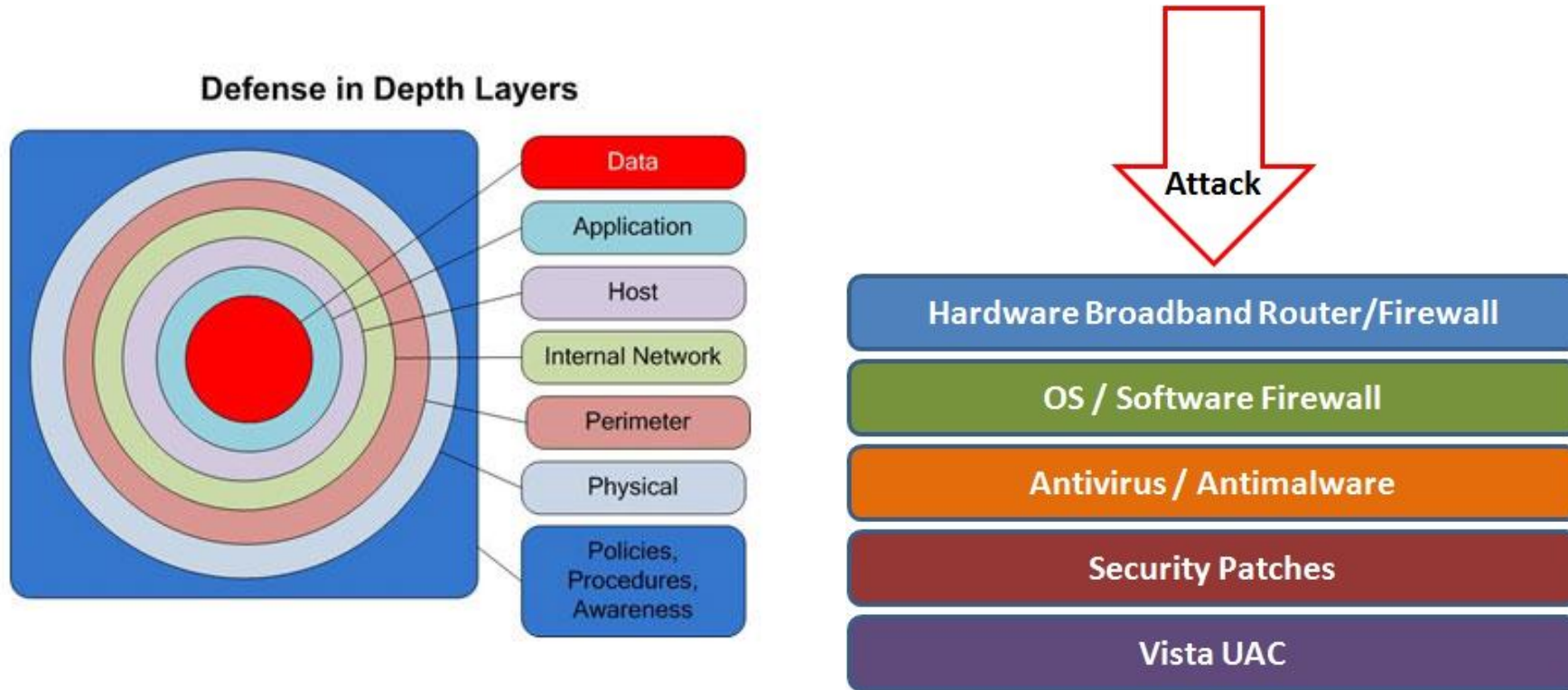


https://

Symbol showing enhanced security

Security: Defense in depth

Defense in depth uses multiple layers of defense to address technical, personnel and operational issues.



Back-up important information

- No security measure is 100%
- What information is important to you?
- Is your back-up up-to-date and safe
- Backup all DB and Network logs offsite
- Do ongoing threat intelligence and analytics



Our values for your success!



We take pride in doing the **right thing**, rather than what is **right for the profitability of SCL**.

1. For insights >> Summit Consulting, www.summitcl.com
2. To study cyber security, Forensics Institute, www.forensicsinstitute.org
3. To spark your mind, Mindspark with Mr. Strategy, www.mustaphamugisa.com