Cybersecurity Consulting Services A necessity?

Logicom

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This is what has been predicted for 2019 for cybersecurity



Nations At Cyberwar

Supply-Chain Attacks Rise

Cybersecurity Raises Its Profile In The Boardroom

Enterprise Approach To Cybersecurity



And this is what happened in only in one month's time



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Impact on the organization





Some real life recent examples...

TIMES 🖗 MALTA

Thursday, February 14, 2019, 07:55 Bank of Valletta resumes operations after major cyber attack Payments to third parties not yet activated







{} CodeSpace



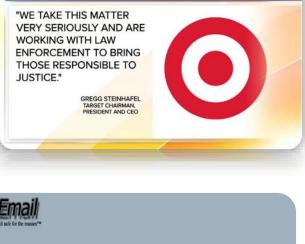




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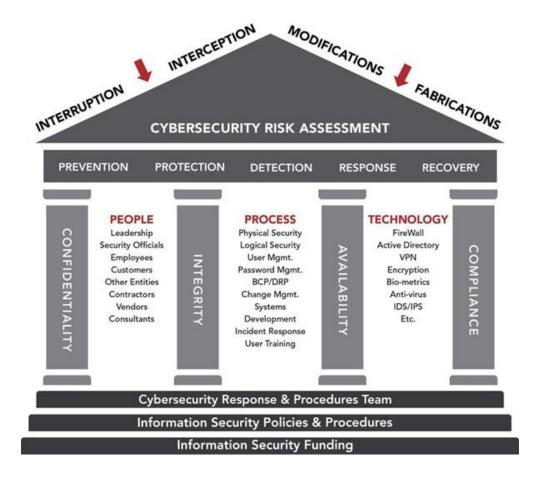




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Forum: General Discussion	
Title: Headhne court I replies - Last nost by Havolence.	New updates 2/11/19 6pm CST.
- Last post by Havokmon, Fn 19 Dec 14:45 +0	
	 Incoming mail is now being delivered Webmail is up. Note-mailboxes are created upon new mail delivery. If you cannot login, you may not have received mail.
Forum: General Discussion	 Webmail is up. Note-mailboxes are created upon new mail delivery. If you cannot login, you may not have received mail. Mailboxes are new, no subfolders exist.
Title: nat receiring s 1 replies	 No filters are in place. If you created a filter with Horde, Login to Horde, Create any folders you need.
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Last post by Bayekmen,	If you reconnect your client to your new mailbox, all your local mail will be lost
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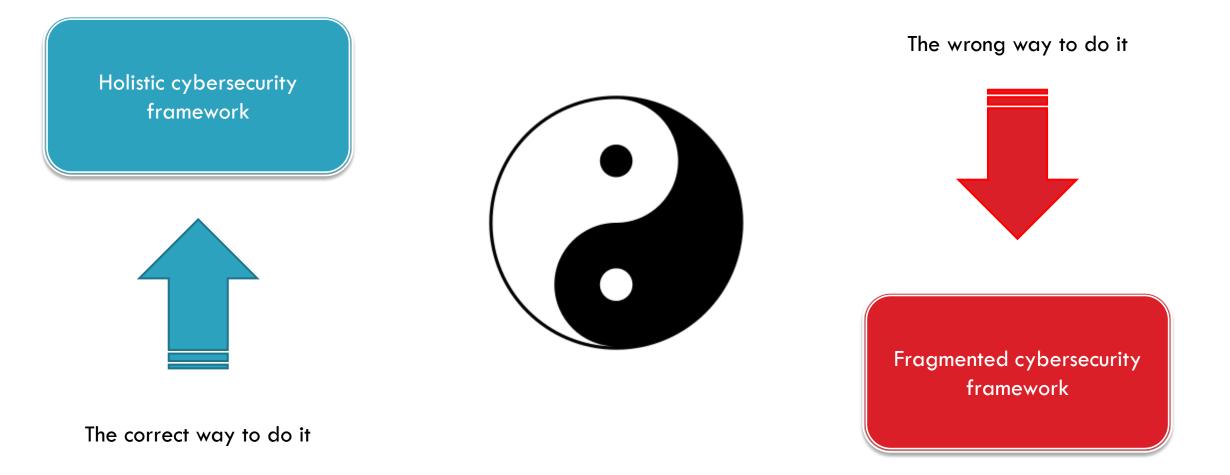


A need for a holistic approach





Business case: The good, the bad and the ugly 🙂





Cybersecurity best practices

Solid framework

It is important to have a clear scope of the cyber security scope, within the organization, and how to manage it appropriately.



Leadership

The cybersecurity element must be driven and managed by the organization's management (e.g. Board of Directors), to emphasize on its importance.



Each organization faces specific risks and threats towards its daily operations. All of this elements must be properly identified and coped with, so as to reach an adequate security level.



Support



The human factor is vital to implement, operate and review the related security controls. Thus, there should be appropriate training and expertise within the organization.

Security controls

The core of the security framework is the implementation of the appropriate controls, that will strengthen the organization's security posture.

Improvement



After the successful implementation of the framework, it is important to continuously review and improve all the related components.



Poor cybersecurity best practices

Unfettered Internet access

Failure to monitor user activity

Unsupported operating systems

Failure to apply patches/updates

Not restricting administrator accounts

Failure to ensure a strong password policy

Failure to adequately monitor IT components

Failure to create appropriate access controls

Unnecessary access to data systems and networks

Failure to encrypt data on portable storage devices

Failure to change default logins on networked devices

Not revising and updating IT security policies and procedures

Not providing employees with cybersecurity awareness training

Failure to implement a spam filter to block malicious email messages

Not conducting a comprehensive, organization-wide risk assessment at least every 12 months

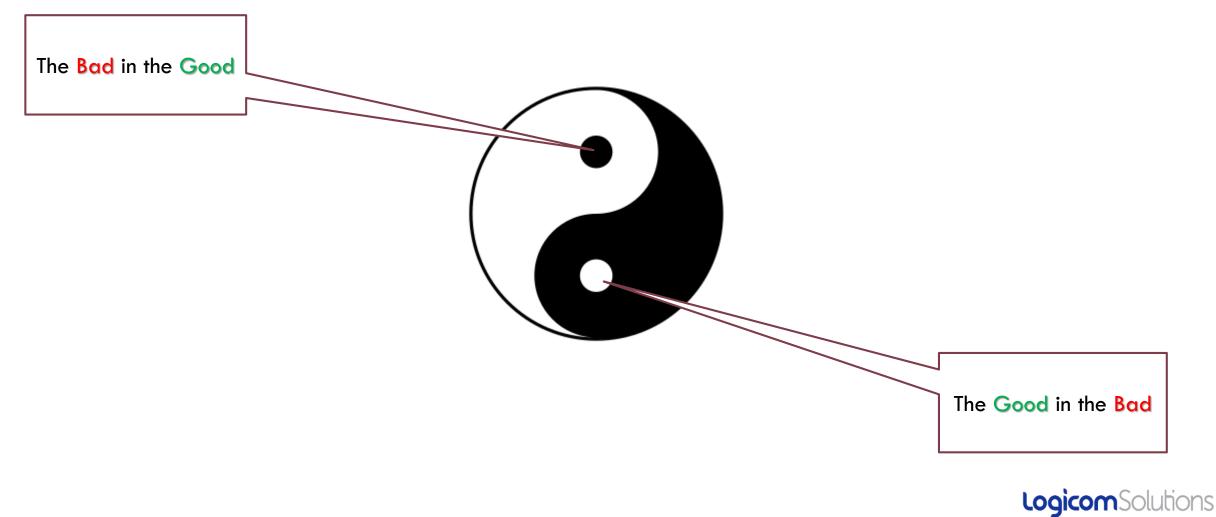


End of the story?





We forgot something...



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The **Bad** in the **Good**:



LEADERSHIP SUPPORT

The required guidance from the organization's management must be uninterapted, to ensure support by all departments.



CONTINUOUS IMPROVEMENT

A process to review and re-assess the existing cybersecurity approach is vital to enable a continuous improvement.



WEAK IMPLEMENTATION

It is common to fail to implement the identified control mechanisms (procedures and controls) properly.



POOR RISK MANAGEMENT

Lack of a comprehensive and organization-wide risk management process.





The Good in the Bad

INTERNAL EXPERTISE

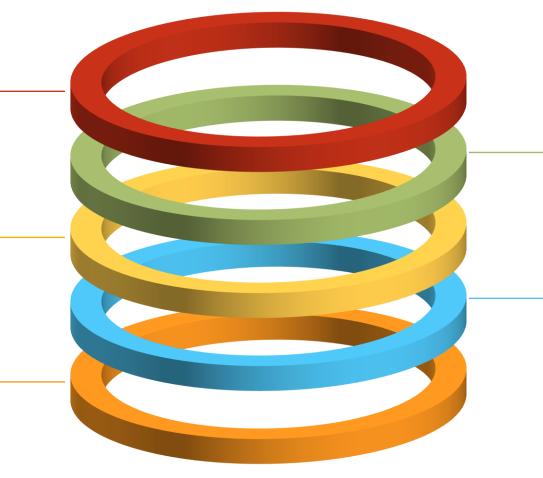
The specialized employee may be efficient, but he is a single point of failure if he leaves.

"STRONG" MONITORING

A threat is revealed either via monitoring (detection) or its direct impact within the organization.

"LOOSE" REGULATIONS

There is a possibility that the organization operates under a loose regulatory framework, and thus, does not have clear security obligations (e.g. bank vs. retail).



AD-HOC APPROACH

It is common to operate under weak or an ad-hoc security policy framework.

LUCK

There is often the chance that an organization did not utilize any security controls, because there were no related incidents.

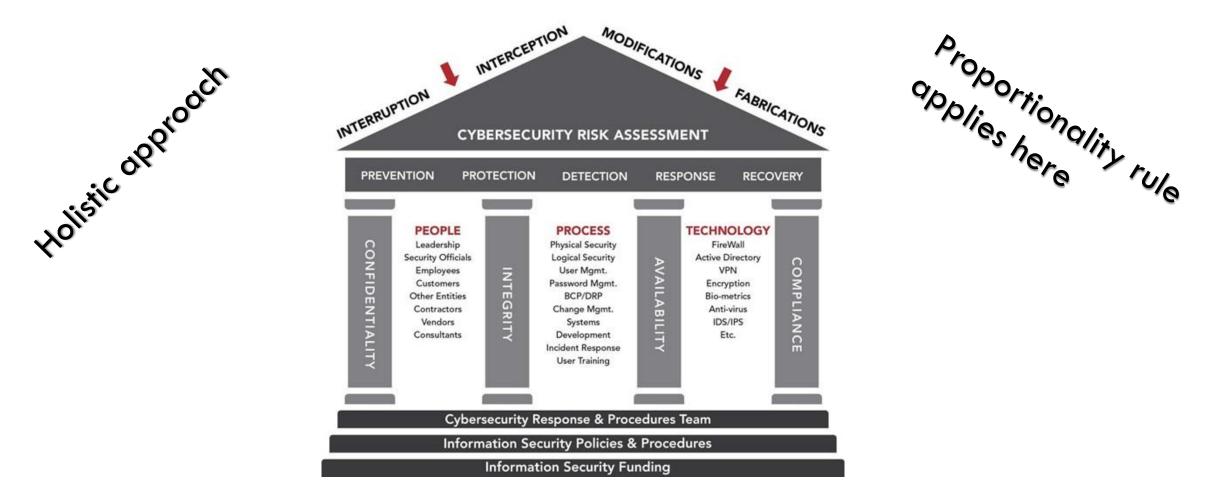


What's next?





And the winning answer is...



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The need to support cybersecurity

CURRENT STATUS

Understaffed departments

□ Lack of expertise/ competences

Existing operational workload

Limited budget allocated

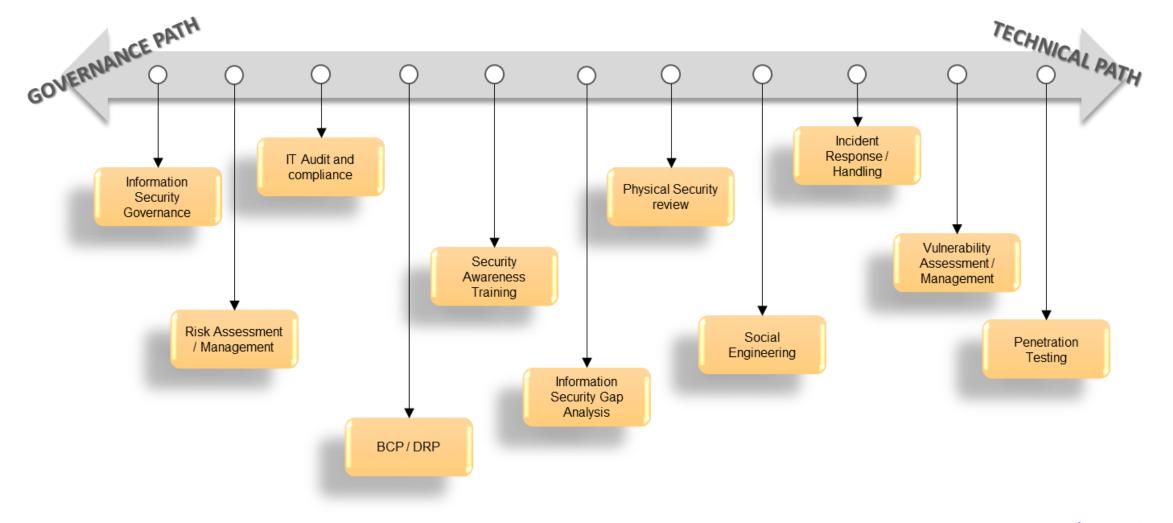


FUTURE STRATEGY

✓ Hire additional resources
 ✓ Invest more in cybersecurity
 ✓ Outsource services to third parties



LGS Cybersecurity Consulting Services



Logicom Solutions Business Consulting Services

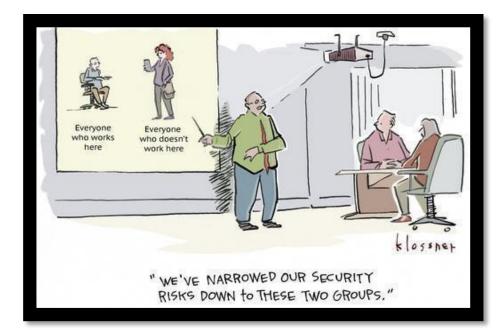
A FULLY QUALIFIED TEAM



INDICATIVE PROJECTS IN LAST 6 MONTHS



Implementation is also important!

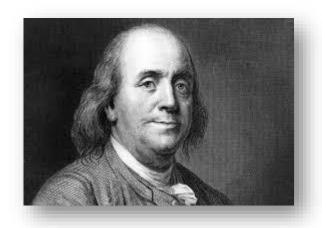








Always remember



"If you fail to plan, you are planning to fail."

- Benjamin Franklin



Thank you!

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