How Not to Fail at Cyber Defense

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How are we doing?

In your opinion, how are each of these organizations doing at protecting information and preventing breaches?

- US Government?
- Large public companies?
- Small businesses?
- Your organization?
If you always do what you’ve always done, you’ll always get what you’ve always gotten...
The way to Cyber Defense success

1. Planning and administration
2. Effective communication
3. Program execution
4. Tips for success
Planning & Administration
get the discussion into the boardroom

talk technically with the board
be a "sky is falling" security person
understand what's driving your company's business

think security is a key objective of your company
choose a security framework to evaluate your program & progress

get caught up in framework paralysis
regularly assess your program’s effectiveness

track your program’s compliance

Instead: shift the focus to security risk management
engage your business

say "no" – if there’s an initiative, it WILL happen
calculate the cost of a breach
talk about hit to stock price
try to compute security ROI
Effective Communication
get legal, audit, and compliance on board

be the only one carrying the mantle for security
communicate 1-on-1 with allies outside the board room

keep your objectives from your vendors
Program Execution
make sure your security policies are robust
classify data – don’t get too granular
create an asset inventory
use two factor authentication for all remote access
get enamored looking for the silver bullet of security
Your turn....

What are YOUR Dos and Don’ts?
Tips for Success
plug in to a community of peers
find an organization that cares
Remember, keep this in mind as you strive for success...

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Questions?

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