

CYBERSECURITY & RANSOMWARE

WITH RICOH DANIELSON

May 3, 2022





THE RISE OF RANSOMWARE

WHY ARE WE HERE?





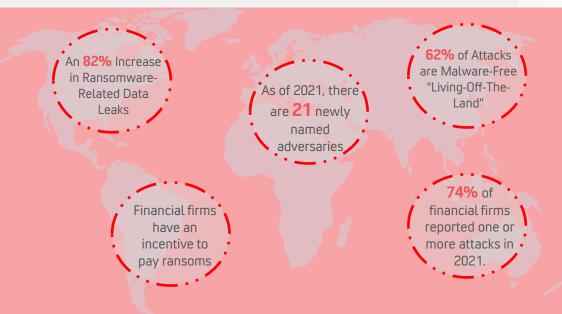
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THE REALITY



WHAT ARE WE UP AGAINST?

With the drastic change to the cybersecurity landscape, including the ever-increasing adversaries we are up against, expect to see a 136% increase in cyberattacks on businesses directly and indirectly. These types of attacks may be comprised of the following:

- 1. Industry Based Collaboration
- 2. Nation State Attacks
- 3. Disinformation Campaigns

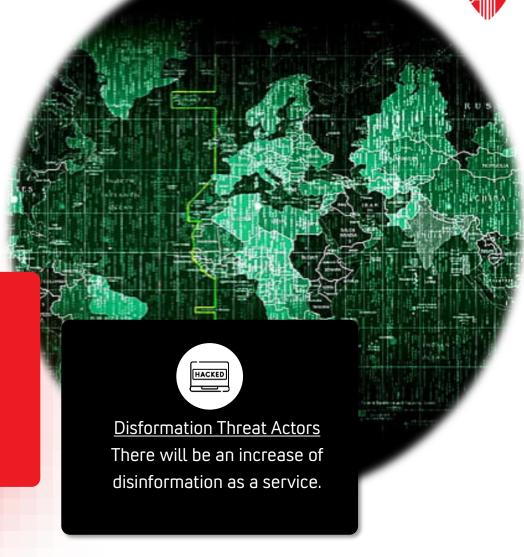


Industry Based Threat Actors

There will be an increase of adversaries cross collaborating with each other.



Nation State Threat Actors
There will be an increase of
Nation State sponsored
attacks.



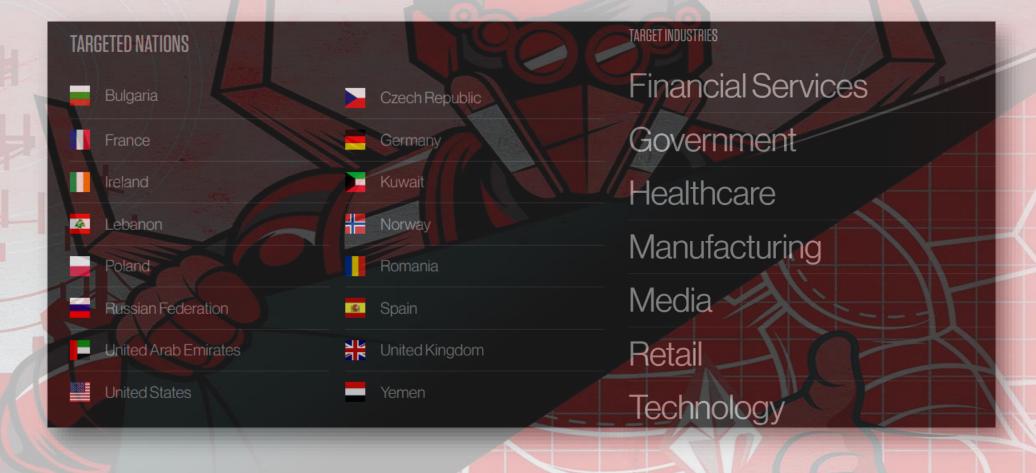
LET'S MEET SOME ADVERSARIES...





CARBON SPIDER





FANCY BEAR







WICKED PANDA



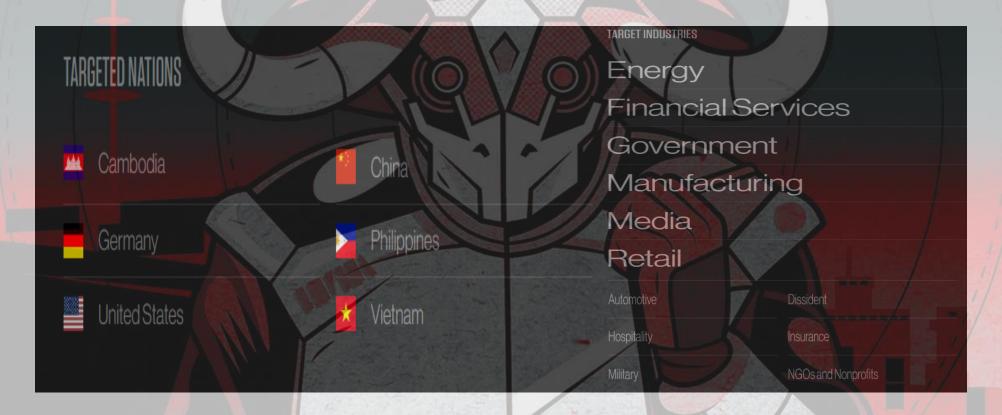


VENOMOUS BEAR





OCEAN BUFFALO





STARDUST CHOLLIMA



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COLBALT SPIDER





DEADEYE JACKAL





REMIX KITTEN

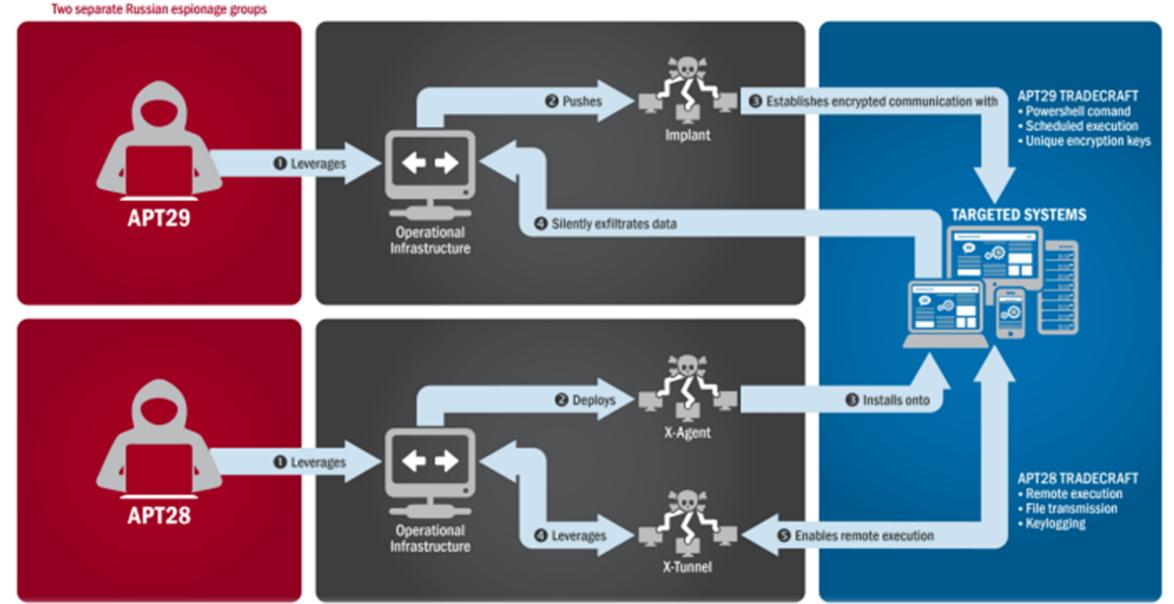


ADVERSARY SPACE

NEUTRAL SPACE

VICTIM SPACE





CASE STUDIES



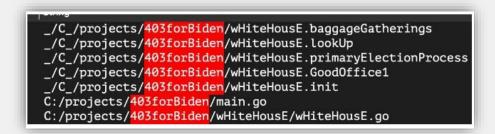
DARKSIDE & RAGNAR LOCKER

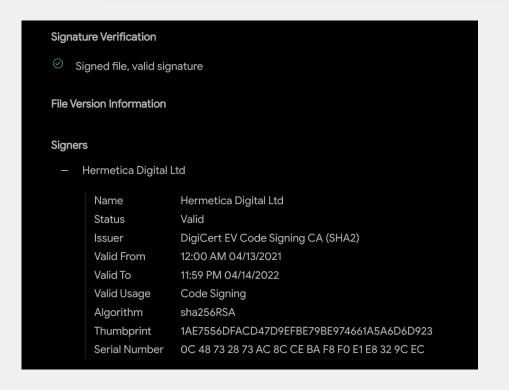


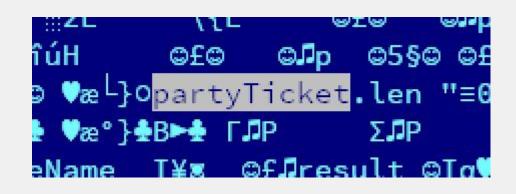
CNA FINANCIAL & INSURANCE **FIRM**



BLOCK FINANCIAL SERVICES





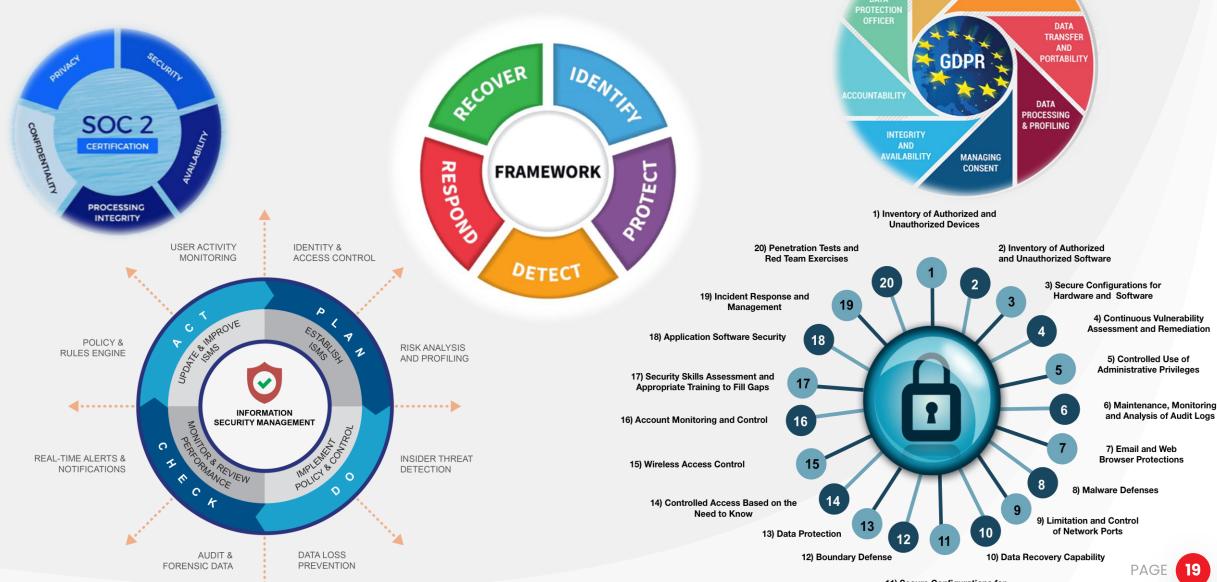


The only thing that we learn from new elections is we learned nothing from the old!"	
nank you for your vote! All your files, documents, photoes, videos, databases etc. have been successfully encrypted!	
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o not try to decrypt then by yourself - it's impossible!	
s just a business and we care only about getting benefits. The only way to get your files back is to contact us and get further instuctions.	
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o if you want to get your files back contact us:	
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ave a nice day!	
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HERMETICWIPER

A 2022 SCENARIO THAT BROUGHT UPON A NEW RANSOMWARE

CYBER RISK FRAMEWORKS



RIGHT TO BE



ARE YOU PREPARED?



Do you have an **incident** response plan (IRP) in place?



When was the last time your firm tested and reviewed your IRP? Was it in the past 6-months?



THE SIX STEPS OF INCIDENT RESPONSE

PREPARATION



ANALYSIS



ERADICATION









CAN YOU RESPOND?



Can your firm handle a cyberattack? Can it handle ransomware and a ransom?



WHAT IS THE PROCESS TO RESPOND TO RANSOMWARE?







THE THREE KEYS TO RECOVERY



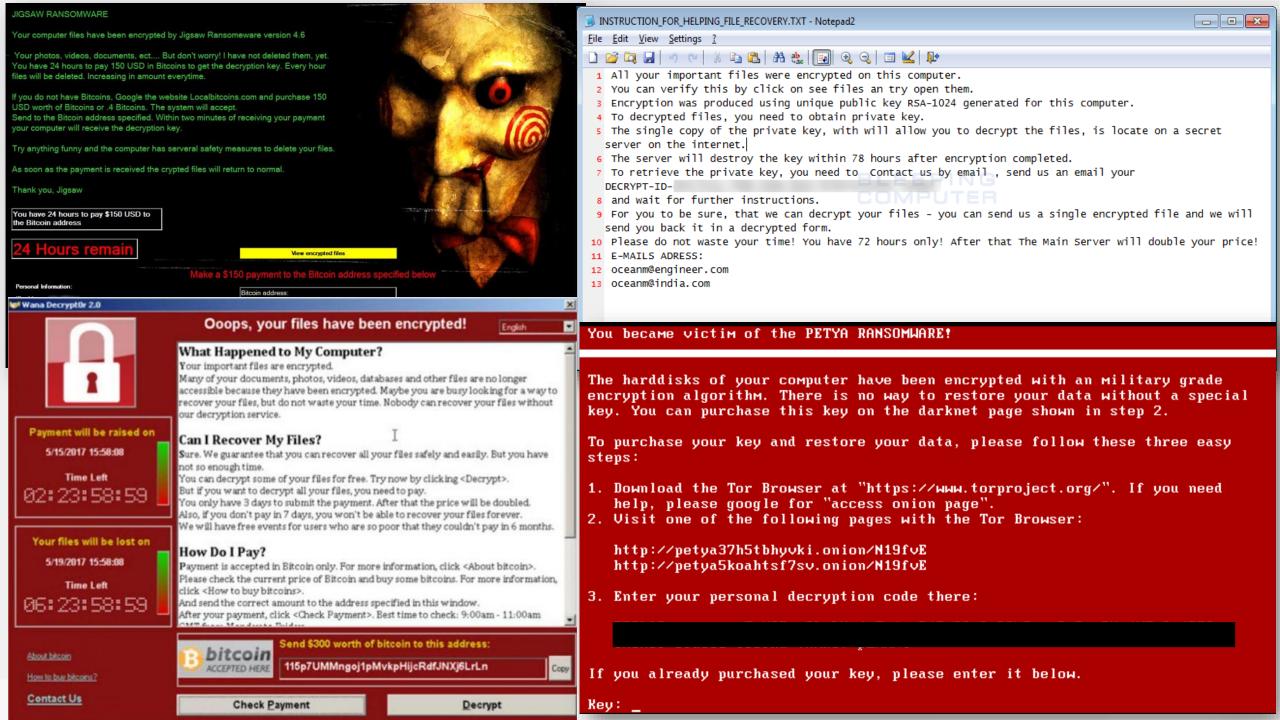
TEST VALIDATE



OFFENSIVE DEFENSIVE



RESPOND CONTROL











THANKS FOR LISTENING

Ricoh Danielson, US Army Combat Veteran and multi rotation operator.

Ricoh regularly consults on some of the most newsworthy cyber incidents.



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