

# THE MODERN CYBER SECURITY THREAT RANSOMWARE



HOW TO AVOID LOST REVENUE CAUSED BY  
RANSOMWARE

**ZYGOOTEK**

Strategic Risk  Managed Outcomes

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# AN OVERVIEW

Recent ransomware attacks in 2018 crippled businesses large and small. 23% of CEOs surveyed in the 2019 US CEO Outlook report by KPMG said cybersecurity risk poses the greatest threat to their organization's growth. Ransomware is a form of malware or a virus that prevents users from accessing their systems or data until a sum of money is paid. Ransomware attacks show no signs of slowing in 2019.

In fact, most organizations feel they are unprepared to repel a ransomware attack, and 75% of companies infected with ransomware were running up-to-date endpoint protection.

What this tells us is that a vast majority of organizations today are simply unequipped and inexperienced in dealing with ransomware.

Even after heavy investing in tech, a new organization will fall victim to ransomware every 14 seconds in 2019, and every 11 seconds by 2021.

It's clear that significant steps need to be taken within a majority of businesses to address ransomware before infects systems and respond effectively to recover business that relies so much on digital information and technology.



**50%**

of companies report that they do not feel as though they are adequately prepared for ransomware.



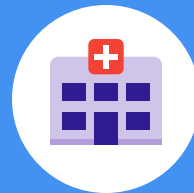
**\$11.5 billion**

is the estimated cost of damage caused by ransomware in 2019.



**850 Million**

ransomware infections were detected in 2018.



**Nearly 1/2**

of the ransomware incidents reported in 2018 involved healthcare companies.



**34%**

of businesses hit with malware took a week or more to regain access to their data.

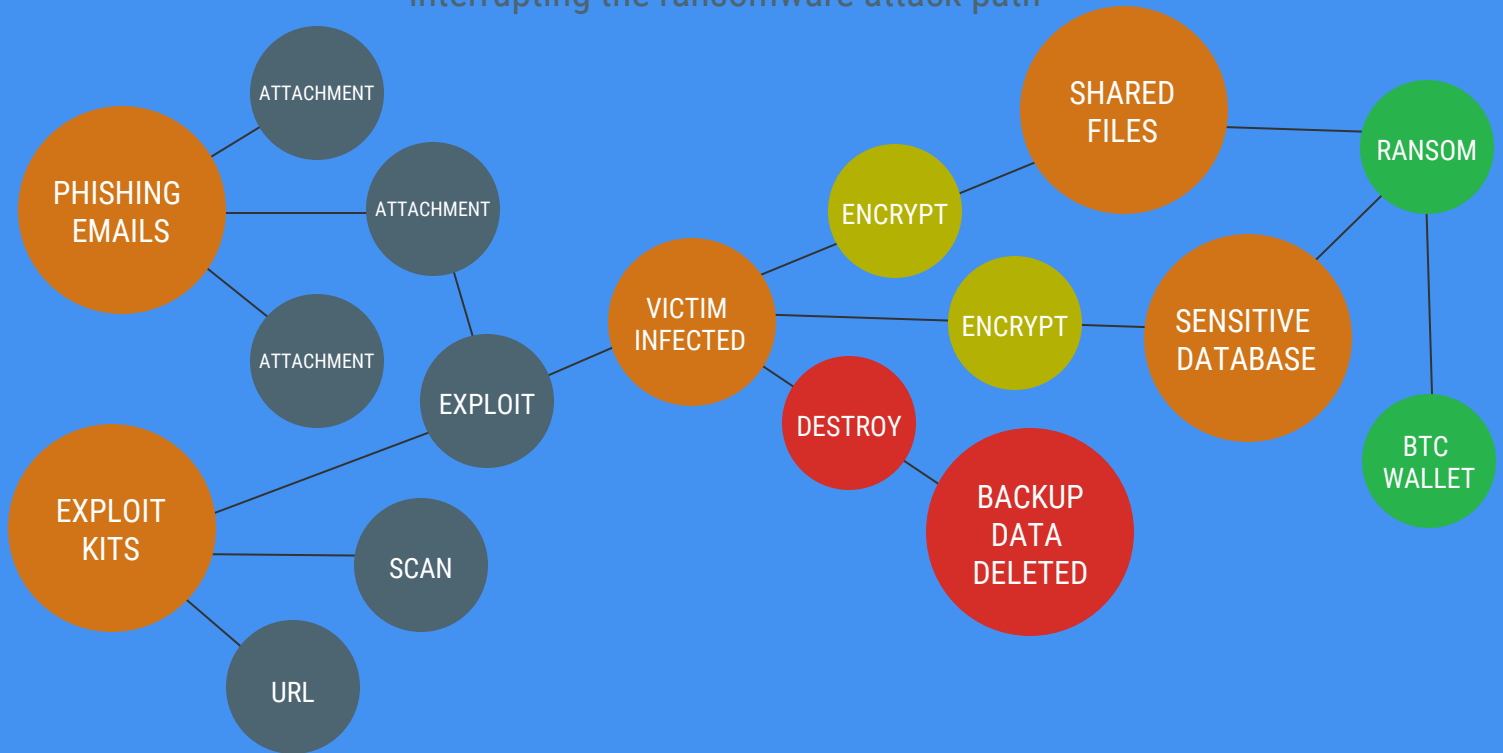


**Over \$25 million**

has been generated by ransomware for hackers each year.

# OUR METHODOLOGY

interrupting the ransomware attack path



IDENTIFY EXPOSURES  
& SUSCEPTIBILITY



DETECT & PREVENT  
VIRAL OUTBREAK



RESPOND IMMEDIATELY  
& RECOVER RAPIDLY



## Assess your exposures and mitigate your weaknesses

We evaluate your perimeter and internal networks, endpoints, servers, and infrastructure devices looking for security weaknesses that ransomware will attempt to exploit and help you remediate the exposures.



## Stay calm and be confident during a ransomware crisis

Knowing what to do in the first 5 minutes of a ransomware outbreak can save you a lot of time and money in the future. We collaborate with you on how to prevent the ransomware from rapidly spreading across your enterprise.



## Eliminate uncertainty and recover the business quickly

We help you build, test, and implement business recovery strategies that can be executed anytime to recovery from ransomware attacks while helping you decide how to communicate with the attackers to pay the ransom.

# WHO WE ARE

A powerful combination of CISOs, CTOs, CIOs, and experienced Consulting Partners.

The Zygotek team is different from other consulting firms because we are world-class executives who have spent time "in the trenches" mitigating risk, enabling opportunities, and delivering results for our companies.

We use specific set of proven principles and processes to collaborate with you and your team, to mitigate your risk, provide transformative insights, fast execution, and deliver the maximum business value for your investment.

# WHAT WE DO

We help clients mitigate their strategic and digital risk, identify and act on strategic opportunities, drive new sources of revenue to their top line, and to reduce their bottom line costs. We deliver these results by following our simple four-phase methodology:

- Assess – Using our experience, we quickly and effectively assess your situation.
- Advise – Provide recommendations and roadmaps to get you where you need to be.
- Act - Using highly skilled small teams, we help you implement solutions with a rapid payback.
- Assure – To protect your investment, we conduct periodic reviews and recommend improvements.



## "Trusted Advisor"

*"Immediately became a trusted advisor and played a critical role in developing all of our InfoSec functions." -Global manufacturer*



## "Above and beyond"

*"Tackles projects in an extremely organized and detailed manner, communicating at timely intervals, and going above and beyond to produce quality deliverables." -Consulting firm*



## "Value-add capabilities"

*"Helped us develop and implement an enterprise security plan and transformed dysfunctional processes into value-add capabilities. They were an invaluable addition to our team." -Technology agency*

## Our experience includes helping numerous global companies in all verticals, including:

- Pfizer
- Moody's
- Johnson & Johnson
- Altisource
- St. Joseph Health
- CDC
- GIA
- HBO
- Molecular Devices
- ABSciex
- EDeal
- DeAnza College
- Ciba Specialty Chemicals
- GoPro
- Informatica
- Country of Santa Clara
- VMware
- Canadian Tire
- eBay