

CYBER SECURITY OVERVIEW 2018





2018 CYBER SECURITY OVERVIEW

What is a cyber risk?

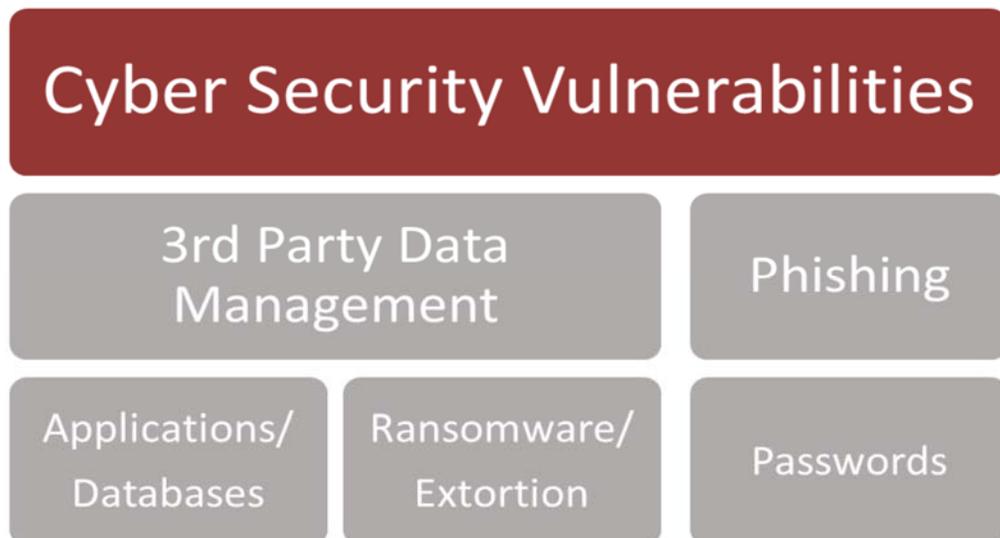
Any risk of financial or physical loss, disruption of services, privacy violation, or damage to the assets or reputation of an organization through either a failure of its information or technology systems, or a malicious act affecting their information or technology systems.

Cyber security incidents/threats range from coercing employees into transferring funds into a fraudulent bank account, to hacking into organizations that have a large quantity of data about clients, employees, and vendors.

Who is vulnerable?

Cities, counties, political subdivisions, and nonprofit corporations have become prime targets for cyber criminals because they are increasingly leveraging technology to collect, store, and use personal information to deliver services and programs to individuals.

How is your entity at risk?





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Where does cyber risk exist?

“Cyber risk is not going away and people around the world are right to be concerned.” (Emily Donovan, Head of Cyber North America, AGCS)

The examples below provide evidence as to why cyber risk has quickly risen to the top 3 in the Risk Barometer.

- 2018**
 - Reedy Creek Improvement District—which manages the land for all of the Disney World property—fell victim to email hack that cost the District more than \$90,000.
 - Florida Virtual Learning Schools (FVLS) breach impacted more than 368,000 current and former FLVS students.
 - The entire city computer system of Atlanta, GA was compromised and locked for six days, preventing the city from conducting the most basic business, such as collecting for parking tickets and other bills.
- 2017**
 - A Montana school district feared for their safety after a hacker group sent threatening text messages as a part of an extortion campaign. The hacker group stole information on students, teachers and other district employees. They asked for money to destroy the files. Schools closed for three days as a result.
 - An employee of a Florida police department opened a malicious email attachment that spread, encrypted 160,000 city files, and triggered a demand for up to \$33 million in bitcoin to unlock them.
- 2016**
 - Florida’s top law enforcement agency investigates testing delays caused by cyber attacks on a server used to administer the Florida Standards Assessment.
 - City officials confirmed that city and county computer systems in Madison, Wisconsin were being targeted by cyber attackers in retaliation for the shooting death of Tony Robinson, an unarmed biracial man.
- 2015**
 - The City of Ft. Lauderdale invested \$430,000 enhancing computer security following an attack to the City’s websites in protest to city laws regarding homeless individuals.



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How to stay protected?

Cyber attacks evolve every day as attackers grow their ranks and improve their methodology. It is essential to properly define cyber security and identify what constitutes sound cyber security for your distinct needs.

The first step in determining your risk is to evaluate vulnerabilities within your organization. Risk metrics and financial loss probabilities should be used to determine insurance and risk control needs.

Our team will work with yours to determine appropriate cyber insurance coverage and limits. Cyber insurance is readily available and affordable. It also provides valuable pre-loss prevention and post-recovery assistance.

Cyber liability insurance isn't a get-out-of-jail-free card that releases the entity from maintaining a high level of overall security. And it certainly doesn't lessen the need for all employees to be educated on appropriate security measures. It can however provide vital financial protection for public entities in the event of a costly cyber event.



Please do not hesitate to contact our team should you have any questions or concerns.



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