

# THE TRUTH ABOUT RANSOMWARE ATTACKS

## Nobody is Immune to a Ransomware Attack!

Targets commonly include companies of all industries and sizes. Once an attack has occurred, the damage to a company's reputation has already been done. Paying a hacker's ransom is only one of the costs that customers incur in an attack. Other costs frequently include an interruption to the business, which includes the inability to make revenue. The cost of hiring IT experts to determine what occurred, provide additional defenses, and remove the remnants of hackers from the environment can quickly add up.

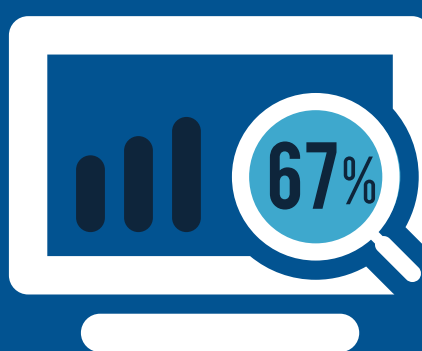
Most companies are not prepared for a ransomware attack:

**33%**

of organizations believe they have the adequate resources to manage security effectively

**75%**

of targeted businesses do not have proper security measures in place to avoid infection



of businesses hit with ransomware lost part or all of their corporate data permanently

Attacks are growing and have tripled year-over-year:



How often attacks are predicted to happen to businesses in 2019

The cost of ransomware attacks to businesses are increasing:



Ransomware cost to businesses in 2017

What ransomware attacks are predicted to reach annually by 2019

For a business, data loss can be extremely expensive:



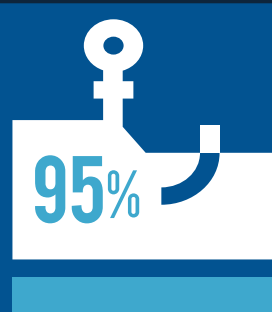
On average, an attack will cost a business

**\$2,500**

and upward of

**\$50,000**

to unencrypt their data



of successful cyber-attacks are a result of phishing scams

## PROTECTING YOUR BUSINESS IS OUR BUSINESS

Utilizing Microsoft Security Solutions, Interlink Cloud Advisors helps you **IDENTIFY, PROTECT, DETECT, RESPOND,** and **RECOVER** from the impact of ransomware attacks and breaches.



### IDENTIFY

- Gain visibility of systems, applications, and data in your environment
- Classify data based on sensitivity
- Identify vulnerable systems, unwanted applications, and potential security gaps
- Assist with risk management and remediation
- Understand and track your internal security and compliance posture

#### RECOMMENDED MICROSOFT SOLUTIONS

*Data Loss Prevention, Azure Information Protection Scanning, SecureScore, Intune, Advanced Threat Analytics, Threat Intelligence, SCCM, WSUS, Compliance Manager*



### PROTECT

- Protect user accounts and apply principle of least privilege access to systems
- Ensure confidentiality, integrity and availability of assets through training and advanced protective technology
- Apply additional governance around sensitive data
- Quickly adapt to changing threat landscape and automatically protect against new threat

#### RECOMMENDED MICROSOFT SOLUTIONS

*Windows Defender, Cloud App Security, Advanced Threat Protection Family, App Locker, Bitlocker, Privileged Identity Manager, Azure AD Premium (Conditional Access, MFA, Azure Password Protection, Azure Information Protection), Data Loss Prevention*



### DETECT

- Detect anomalies through adaptive machine learning and artificial intelligence
- Create custom detection rules based on organizational needs
- Provide enriched alert data to quickly assess potential incidents
- Continuously monitor and automatically detect newly discovered threats
- Correlate events from multiple platforms through integration

#### RECOMMENDED MICROSOFT SOLUTIONS

*Azure AD Premium, Azure Security Center, Cloud App Security, Advanced Threat Protection Family, Threat Intelligence, SCCM, Azure Monitor*



### RESPOND

- Improve time to contain through automation of containment actions
- Streamline analysis efforts to understand severity of security incidents
- Quickly apply controls to prevent further damage
- Enhance collaboration and communication among stakeholders

#### RECOMMENDED MICROSOFT SOLUTIONS

*Advanced Threat Protection Family, Teams, Cloud App Security, Threat Intelligence, SharePoint, Azure Security Center, SCCM*



### RECOVER

Increase attack resilience by allowing data to be quickly recovered and systems reverted to a clean operational state.

#### RECOMMENDED MICROSOFT SOLUTIONS

*Azure Backup, Azure Disaster Recovery, SCCM, AutoPilot*



## ENSURE YOUR ORGANIZATION IS PROTECTED

Interlink recommends evaluating your current situation and improving security and planning from there.

To help assess your current environment or learn more about Microsoft's security solutions, schedule a consultation with us today!

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#### Sources

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