MEGAPLANIT

Ransomware Preparation Assessment

Prepare Today, For Tomorrows Cyber Threats

Offering Overview

There's no shortage of cyber threats in our digitally connected world. One of the most common and potentially devastating for a company is ransomware. Ransomware attacks are malware that encrypts the data on a system that completely locks out users. For most companies, sensitive data for employees and customers is critical of business operations. This data is also a digital treasure trove for cybercriminals.

No longer a nuisance, ransomware is a popular choice for cybercriminals. Today's ransomware attacks are complex, multi-phased assaults that combine data encryption with the threat of data exposure. Armed with sophisticated ransomware, bad actors can easily target specific organizations and industries, including whole cities.

Ransomware can cause massive disruptions and bring organizations to a grinding halt. Often, after a substantial sum or ransom is paid to the cybercriminals, the infected systems are unlocked. Today, the total cost of ransomware attacks can climb well into millions of dollars.
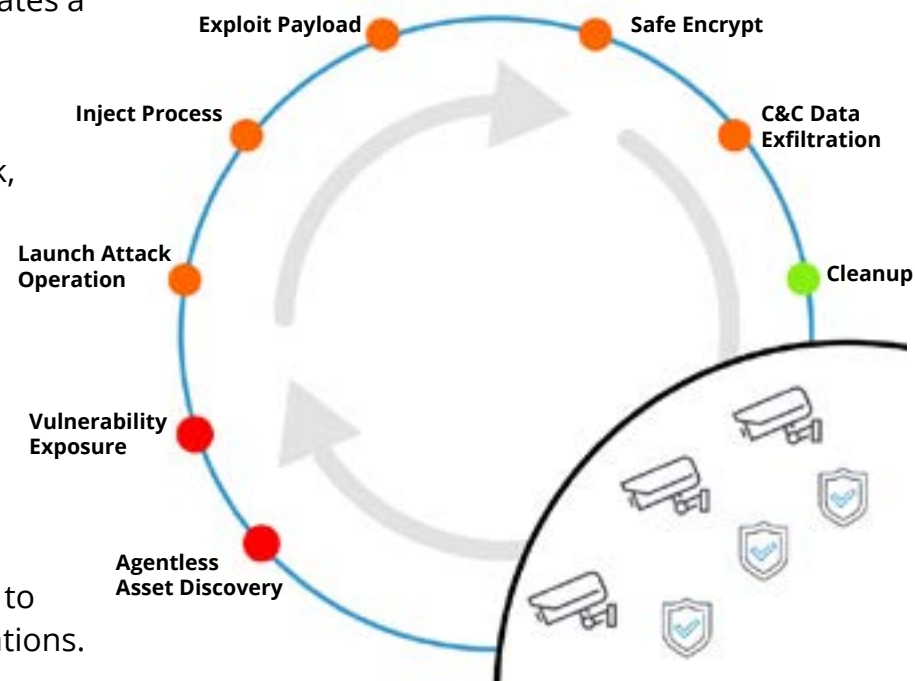
The industry or sector does not matter; all businesses that have a digital presence could be the target of a ransomware attack. MegaplanIT's Ransomware Detection and Prevention Assessment Solution provides an active ransomware emulation framework. We apply accurate and safe ransomware tactics and techniques to your organization's entire network. This framework enables you to proactively stress-test your organization's readiness against ransomware attacks at any given moment.

How It Works

What if your company could simulate a ransomware attack without the devastating consequences? MegaplanIT's Ransomware Detection and Prevention Assessment Solution does just that. Our comprehensive approach emulates a ransomware intrusion through our Agentless Asset Discovery and Vulnerabilities Exposure process.
The tool moves across your network, conducting tests that include initial exploitation proprietary payload, encryption, and data exfiltration.

The simulated intrusion identifies critical weaknesses and highlights potential vulnerabilities in complete alignment with the MITRE ATT&CK framework. Key findings include the lateral pathways ransomware takes to target vital assets and disrupt operations.

Exploit Payload · Safe Encrypt · Inject Process · C&C Data Exfiltration · Launch Attack Operation · Cleanup · Vulnerability Exposure · Agentless Asset Discovery

Once MegaplanIT Ransomware Detection and Prevention Assessment Solution discovers critical assets on the network vulnerable to exploitation, the tool initiates a complete ransomware attack simulation. MegaplanIT's Ransomware Detection and Prevention Assessment Solution reporting output provides a guided step-by-step remediation process that is prioritized based on the actual risk to the business. Implementing the remediation suggestions dramatically reduces the risk of a future ransomware attack.

What's Included?

- Ransomware Readiness Assessment against up to 50 systems.
- This is a service that is performed on your on prem environment
- Expose vulnerable assets in your network and uncover weaknesses leveraged by disruptive ransomware strains
- Understand security controls effectiveness and reduce risk with guided remediation

Key Benefits

- ✔ Lower threat and ransomware impact on your business
- ✔ Strengthen your network and security readiness
- ✔ Speed up your validation-remediation cycle
- ✔ Improve the efficacy of your security program

Get Prepared Today

Even when they were less sophisticated, ransomware attacks had the potential to cost companies millions, severely reduce customer trust, and setback critical operations. Today, ransomware attacks are targeted, sophisticated intrusions that leave a company completely exposed and at the mercy of cybercriminals.

The risks to your business in today's digital world are extremely high. The precious data that is the lifeblood to analytics and sales and the trust of your employees and your customers are too valuable to risk by an unknown system or network vulnerabilities. The good news is that you can take action today to dramatically increase your company's ransomware readiness.

MegaplanIT's Ransomware Detection and Prevention Assessment Solution can help your company improve your overall security posture by increasing your entire network's detection and prevention capabilities. Take the proactive approach to shore up cyber vulnerabilities and know the risks of a ransomware attack in a safe, simulated environment.

Spend less time worrying about ransomware and more time growing your business with MegaplanIT's Ransomware Detection and Prevention Assessment Solution.

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