

RANSOMWARE PROTECTION PACKAGE

Developing an effective response capability to ransomware requires taking specific steps for prevention, preparation, detection, verification, containment, eradication and recovery. With LIFARS Ransomware Response Package, you will have the tools, processes, and team at your disposal to stand ready for even the most devious ransomware attack.

A cyber-attack can strike your organization when you least expect it. Planning and preparation reduce the probability and damage caused by a ransomware attack. This Ransomware Response Package ensures you are ready when you need it the most. Quick action to contain and control the attack is critical to minimize damage and recovery costs

What is The Problem?

All industry types affected:

- Healthcare
- Finance
- Law firms
- Utility
- Retail

435%
Ransomware increased
since 2019-2020

150 Attacks
LIFARS CSIRT
responded to in 2020

Ransomware Variants:

- RYUK
- Sodinokibi
- Maze
- Egregor
- DoppelPaymer



The Package Includes 6 Services:

1. Ransomware Readiness Assessment

LIFARS's experts assess your ransomware response readiness, to fully understand your technology, people, processes and possible weak spots that could negatively affect the response.

2. Technical Security Audit

LIFARS will evaluate the following to see how well you stack up against RW attacks

- Security architecture
- Operating systems
- Active Directory
- Network devices
- Security devices
- Information system

3. Monitoring, Detection, and Response

- LIFARS CSIRT is comprised of the most elite Incident Responders, Forensics Investigators, and Threat Hunters who are the extension to your Security Operations. Should you need to make a Cyber 911 emergency call or investigate an advanced security alert in your environment, LIFARS CSIRT is ready to respond.

LIFARS COMPUTER SECURITY INCIDENT RESPONSE TEAM

CSIRT

ASSISTING WITH SECURITY EVENTS, THREATS, AND INCIDENTS



PHASE 1

Prepare

- Step 1 Conduct a critically assessment for your organisation
- Step 2 Carry out a cyber security threat analysis, supported by realistic scenarios and rehearsals
- Step 3 Consider the implications of people, process, technology and information
- Step 4 Create an appropriate control framework
- Step 5 Review your state of readiness in cyber security incident response



PHASE 2

Respond

- Step 1 Identify cyber security incident
- Step 2 Define objectives and investigate situation
- Step 3 Take appropriate action
- Step 4 Recover systems, data, and connectivity



PHASE 3

Follow Up

- Step 1 Investigate incident more thoroughly
- Step 2 Report incident to relevant stakeholders
- Step 3 Carry out a post incident review
- Step 4 Communicate and build on lessons learned
- Step 5 Update key information, controls, and processes
- Step 6 Perform trend analysis

4. Vulnerability Assessment

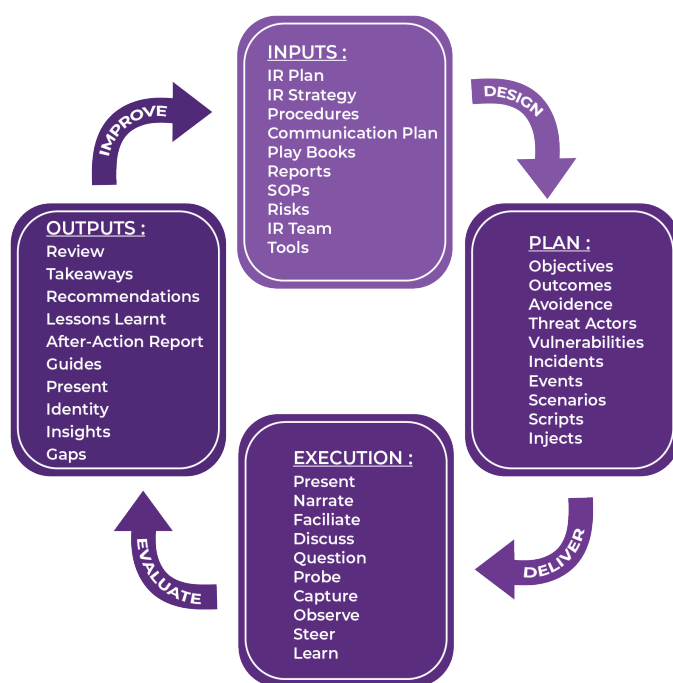
Identifying security weakness across internal and external infrastructure.

5. Visibility and Implementation of Recommendations

- **Implementation of EDR, SIEM, or other solutions**
- **Configuration Hardening** – To strengthen the resilience of your endpoints, network and security devices.
- **Active Directory** – We will design and implement group policy settings to make your infrastructure more resilient against ransomware attacks.
 - Access control
 - Accounts review and lock down
 - Disabling non-essential services
 - Forbidding removable media
 - Restrictions on software installation
 - Password Policies
 - LAPS
 - Firewall
 - Audit Policy
- **Backups, Backups, Backups!**
 - Develop a backup strategy
 - Design backup architecture
 - Creation of backup policies
 - Implementation of the backup systems and policies
 - Test the completeness, security, and validity of backups

6. Ransomware Exercises and Simulation

- LIFARS will create tailored Ransomware Scenarios based on your industry, vulnerabilities and the threat groups you should care about. These exercises will test your organization's readiness to respond quickly and ability to follow your Incident Response Playbook.
- LIFARS Offensive Security Department will also simulate real life attacks against your blue team in a live fire RedTeam Exercise. Who will win first?



ABOUT LIFARS

LIFARS is a global leader in Incident Response, Digital Forensics, Ransomware Mitigation and Cyber Resiliency Services. LIFARS investigates hundreds of incidents each year. LIFARS' reputation is known around the globe. We are often called upon for our expertise by intelligence agencies (FBI, Homeland Security, Secret Service, and Interpol). Our staff performs with military style speed, precision, and expertise. Results matter, and your reputation is as valued as ours. LIFARS services are geographically unrestricted via offices in North America, Europe, and Asia.

CERTIFICATIONS

GXPN | GCFA | GCFE | OSCE | OSCP | ACE | OSWP | CCNP | CCDP | CCFR | CCFP | CCFA | CCNA | CEH | CEI | CISA | CISM
| CISSP | EnCE | GWAPT | KLCP | PMP | SCJP | CompTIA Security+ | CIPP | CRISC | PCIP | C/CISO | ITIL | CGEIT | CRTP |
GCIA | CHFI | IACRB | TF-CSIRT

Contact LIFARS to Learn More

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