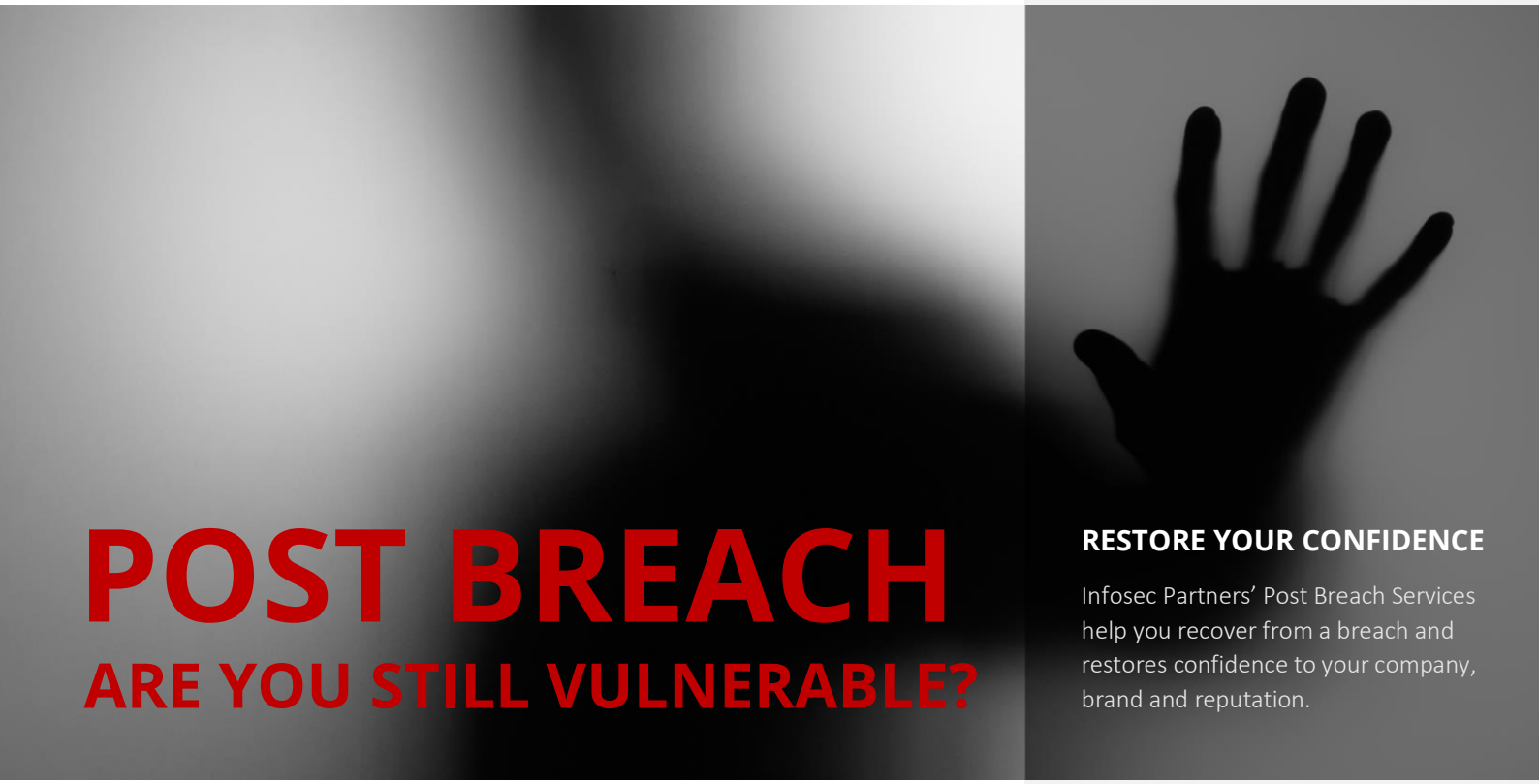
InfosecPartners
CYBERSECURITY

#SECURITYMANAGED



POST BREACH
ARE YOU STILL VULNERABLE?

RESTORE YOUR CONFIDENCE

Infosec Partners' Post Breach Services help you recover from a breach and restores confidence to your company, brand and reputation.

Recover after an attack

So you've suffered a cyber-attack, with your systems and data compromised and your IT department has done all they can to restore the systems to a state prior to the attack. No one's going to be particularly happy that they were the victim of a cyber-attack, but how do you feel about the way it was handled? Are you worried that there are still vulnerabilities that have not been identified? Do you have confidence that your organisation is more prepared than before - could it withstand another attack?

Restore confidence

Infosec Partners provides organisations with full Cyber Emergency Response services, making sure that your company is well prepared and ready to act in case of a cyber incident or identified attack. This includes the preparation and planning that is so critical in ensuring your organisation is ready and able to respond effectively whether a minor incident or a major emergency.

"We were attacked and tried to fix it ourselves. How can Infosec Partners help?"

Even if you haven't engaged with Infosec Partners before we can still help even if you've already tried to fix it yourselves. The first thing we would do is to make sure you're really safe from further harm. Then we would take a look at what happened through forensics, scans and interviews to create a comprehensive report you can use. Then it's a matter of demonstrating lessons learned and being stronger after the event.

CYBER EMERGENCY RESPONSE
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POST-BREACH ASSURANCE SERVICES

FORENSIC ANALYSIS

Our forensics team are trained to utilise advanced data recovery and forensic investigation techniques, preserving evidence and maintaining chain of custody, for presentation in court.

STATE-OF-SECURITY ASSESSMENT

We look for vulnerabilities in your organisation that could lead to cyber attacks, whether found on computer systems, processes or through people.

POST-MORTEM ANALYSIS

Through a series of interviews and analysis of the forensics we've managed to obtain, a report is created to summarise the cyber-attack, including details and timeline of both the breach and response, concluding with clear lessons learned and demonstrable actions for improvement.

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Post breach, what's on your mind?

1. Am I still vulnerable?

Recognising there has been an attack and identifying the cause is vital to containing the damage and nullifying the threat. Attacks are becoming ever more sophisticated and it's now common practice for one attack to act as a smokescreen for another. Not all attacks are announced and come with ransom notes. Attackers tend to try and stay hidden once they get in to explore then exploit whatever vulnerabilities they can find. Even if your team has recognised a specific type of attack, it is essential to investigate if the vulnerabilities that allowed them access are still there. Using backups to restore systems to a state prior to an attack may still leave an open door for the attackers.

2. What was stolen/compromised?

Our investigation will try to identify areas of the organisation that were compromised including systems, data and user accounts. This is useful for communicating with both internal and external stakeholders, and can also be used to place a number on financial impact of the attack for insurance purposes.

3. How did it happen? Who did it?

Perhaps the initial vulnerability was through a weakness in your defence e.g. un-patched software, or through an attack on a third party supplier with weaker security defences, or through an act of social engineering on one of your employees or even by perpetrated by an employee? By identifying how it happened, we can make sure that measures are put in place so it doesn't happen again.

4. Can you help me provide information for regulatory or insurance purposes?

Through a series of interviews and analysis of the forensics we've managed to obtain, a report is created to summarise the cyber-attack including details and timeline of both the breach and response. This report will help calculate the financial impact, which can be used for regulatory reports and insurance requirements.

5. How do we make sure we're better prepared for a cyber-attack?

Clear lessons have to be identified and learned and demonstrable actions for improvement must be actioned. Of particular importance is your organisation's strategy for cyber risk management. Is this mature and simply needs tweaking or is significantly lacking and needs better planning. Not all attacks can be prevented, and the increasing number of attacks means that you're more likely to need to have a well prepared cyber incident response plan (CIRP) and a clear and a well-drilled incident response team (CIRT) who know their roles and can respond immediately when needed.

If you have already been the victim of cyber-attack, Infosec Partners can help you get back up and running confidently, ensuring you are better prepared to deal with the next attack when it happens.

CYBER EMERGENCY RESPONSE

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- **Investigation**

  The first step is always to gain an understanding of the current situation. This will include getting a timeline of key events, the data that has been collected, steps taken etc.

- **Agreeing objectives**

  It is important to ensure that client objectives are practical and achievable. The goal is usually a one - or a combination - of the following:
  - Identify data loss
  - Recover from the event
  - Determine attack vector
  - Identify the attacker
  - Confirm that there are no other undetected breaches

- **Collect evidence**

  Using advanced data recovery and forensic techniques, we ensure preservation of evidence to law enforcement standards.

- **Analysis**

  The relevant analysis is carried out depending on the evidence collected and agreed objectives.

- **Provide management direction**

  At all stages, management are guided by Infosec Partners on what steps need to be taken including communications.

- **Develop remediation plan & Investigation report**

  Remediation will vary according to breach type and extent, as well as the size and type of client organisation. The report will contain all parts of the response, carried out as well as recommended actions aimed at preventing other events and minimising the impact of any future event.

Speak with a trusted advisor today:

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