Trustwave®

Data Forensics and Incident Response Services

CONFRONT THE INEVITABLE WITH CONFIDENCE

Sixty percent of businesses will identify a breach of their sensitive data in 2015, according to Forrester Research. If more than one in two businesses will experience a breach, are you confident you know how to respond should the time come?

According to the 2016 Trustwave Global Security Report, 59 percent of businesses did not recognize a breach themselves. Attackers also enjoyed unbridled access to victims' assets for an average (median) of 126 days for externally detected breaches versus 15 days for internally detected breaches.

Responding to a data-loss incident quickly and in an organized manner is paramount in containing a breach, limiting exposure, stemming losses and preserving evidence. The costs of a data breach include not only lost data and potential fines but also brand damage and embarrassment, plus time and resources spent cleaning up the mess.

With Trustwave's complete suite of Data Forensics and Incident Response (DFIR) services, you can respond with confidence to a security incident knowing you're backed by Trustwave SpiderLabs' decades of incident response expertise and experience responding to thousands of data security incidents. SpiderLabs incident response and forensic services include:

- Incident response readiness training
- Incident response plan development
- Retained forensics services
- Emergency breach response
- PCI Forensic Investigations
- Network and application intrusion analysis
- Insider threat investigations
- Custom malware detection and reverse engineering
- Intellectual property theft investigations
- Copyright infringement investigations
- Employee misconduct investigations
- Expert witness testimony
- Professional forensic support for law enforcement agencies

Emergency Response

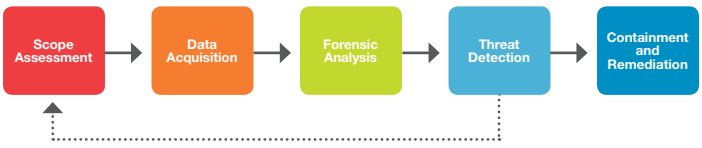
If you have reason to believe you've been breached, call Trustwave now (www.trustwave.com/company/contact). Whether law enforcement has notified you of customer information appearing in unauthorized locations or you suspect you may have been breached but can't prove it, Trustwave can help. We will identify the breach and its impact, secure evidence, and be your advisor in handling the press, employees and law enforcement agencies, as well as, provide litigation support.

Proactive Incident Response and Readiness

Delivered by Trustwave SpiderLabs®—a team of more than 150 ethical hackers, forensic investigators and researchers who conduct hundreds of data breach investigations per year—the service includes on-call responders and results in an actionable, tested plan to detect, triage and contain a breach.

Trustwave SpiderLabs experts will teach your team to recognize indicators of compromise and how to respond effectively to an incident and then test your incident response plan. With Trustwave incident response readiness training, your organization's information technology and management personnel become versed in incident response and forensic investigation methodologies. The service can also include the review of existing incident response plans to make suggestions for improvement and produce a scorecard of your organization's ability to respond to real-world scenarios.

Trustwave SpiderLabs incident response process



Retained Forensic Services

Have SpiderLabs experts on standby as your first responders to a security breach. Trustwave can launch a forensic investigation at a moment's notice. With DFIR experts stationed all around the globe, an expert first responder is only a phone call away, ready to determine the root cause of a breach, minimize its impact and preserve key evidence. SpiderLabs works with relevant parties throughout your organization to collect information, identify damage, and conduct appropriate investigations. Our emergency response services include:

- Around-the-clock network/firewall/Web application breach response
- Identification and cleansing of malicious code, malware, spyware, and system-file hacks
- Root cause analysis to identify the infection vector and provide methodologies to address network vulnerabilities
- Identification and decryption of data exfiltration files to determine the true extent of breached information
- Identify indicators of compromise and scan network to search for other laterally infected systems

And like we have for countless other businesses, we can help you respond efficiently to manage the ramifications of a data compromise.

Certified PCI Forensic Investigator (PFI)

As a PCI Forensic Investigator, Trustwave assists organizations in determining if and how payment card data has been obtained by unauthorized third parties. But Trustwave SpiderLabs doesn't stop there, we also help you understand what steps you need to take to secure your payment card environment with a final report including:

- System and network deficiencies
- Root cause analysis
- Timeframe of exposure
- Windows of intrusion
- Number of cards at risk
- Security remediation recommendations

Integrating Evidence Integrity Into Everything We Do

As critical as the initial response is to any incident, proper evidence handling is just as vital, especially in preparation for litigation. Trustwave applies best practices in recovering and handling evidence and maintaining chain of custody, including:

- Preliminary investigation to identify accessible, recoverable, and relevant data
- Data and content examination in functioning media to locate all computer- and user-generated evidence
- Data and content recovery in non-functioning storage devices through industry-standard technology, as well as open source and custom tools
- Hard-drive sanitation to completely and safely remove data for security reasons

Why SpiderLabs For DFIR?

Our security breach investigations, malware reverse-engineering projects, millions of scans, thousands of penetration tests, leadership of open-source security projects and contributions to the security community have established Trustwave SpiderLabs as world-renowned experts on the past, present and future of security.

Expertise

Our team consists of many of the top security professionals in the world. With career experience ranging from corporate security executives to security research labs and federal and local law enforcement, our team has the background and dedication to stay ahead of the issues and threats affecting your organization's security posture. We also have individuals with Top Secret clearance on staff.

Experience

We have performed thousands of incident response and forensic investigations as well as application and network security penetration tests for customers around the globe — from start-ups to Fortune 50 companies.

Facilities

We maintain the most advanced forensic, security testing and research labs in the industry — located in every region across the globe to deliver you the best quality service.

Confidentiality

We work closely with you to ensure that all our services are performed with strict confidentiality and under rigorous legal oversight.

What Now?

If you have reason to believe your systems have been breached, or want to ensure you're prepared should a breach occur in the future, reach out to us now at https://www.trustwave.com/Company/Contact

Trustwave®

For more information: www.trustwave.com