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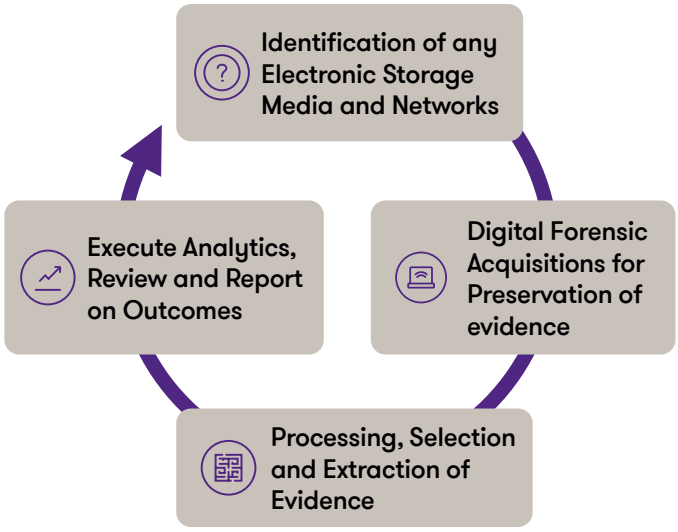
The Requirement for Digital Forensics

The increased use of Internet of Things (IoT) devices and factors such as the increase in cyber-attacks and regulatory requirements, will have a growing demand for digital forensics. Organisations are striving for digital transformation and cloud services which is a contributing factor to the progression of network and cloud forensics. The adoption of BYOD (Bring your own devices) and use thereof for daily business or official organisational operations will have an immense demand on digital forensics, especially in the fields of cyber, and mobile device forensics.



Digital Forensics is the science to collect and analyse information with the consideration to applicable elements of law to ensure the admissibility of evidence in court.

The forensically sound acquisition and preservation of any electronic storage media (Laptops, Mobile Phones, Servers, External Storage Media etc.) forms an integral part in the Forensic Investigative and Cyber Incident Response process. The analysis of Electronically Stored Information (ESI) as part of the investigative process, is to uncover the "smoking gun" piece of evidence or provide direction in investigations being conducted.

eDiscovery is the practice of collecting, processing, and producing ESI in response to a request for production in a lawsuit, investigation, and litigation matters.

SNG Grant Thornton utilises the latest industry tools and our qualified professionals are here to assist you.

Common Cybersecurity Threats

Internet of Things - With the popularity and adoption of IoT in our everyday life, companies need to pick up the pace in ensuring that their IoT enabled devices are securely configured and integrated into the overall Cybersecurity and ICT security domain (security consolidation), IoT devices can be hacked and used as devices to pivot into the corporate network.

Mobile device Vulnerability - With remote and hybrid work on the rise our devices connect to multiple networks which exposes them to more risks of being attacked by Cyber criminals. For convenience there has been an increase in employees accessing corporate resources from their mobile phones or smart devices, this at times is done on jailbroken devices and devices that do not necessarily have updated security measures in place to protect or segregate corporate data from personal data.

Cloud Security - Because a service is on the cloud does not mean it is 100% safe, we have seen an increase in businesses moving services to cloud with the understanding that cloud is 100% secured and it is 99% available, however a spike in Data leakage form Cloud Services due to 3rd Party or Supplier negligence as well as misconfiguration of cloud platforms.

Common Cybersecurity Threats

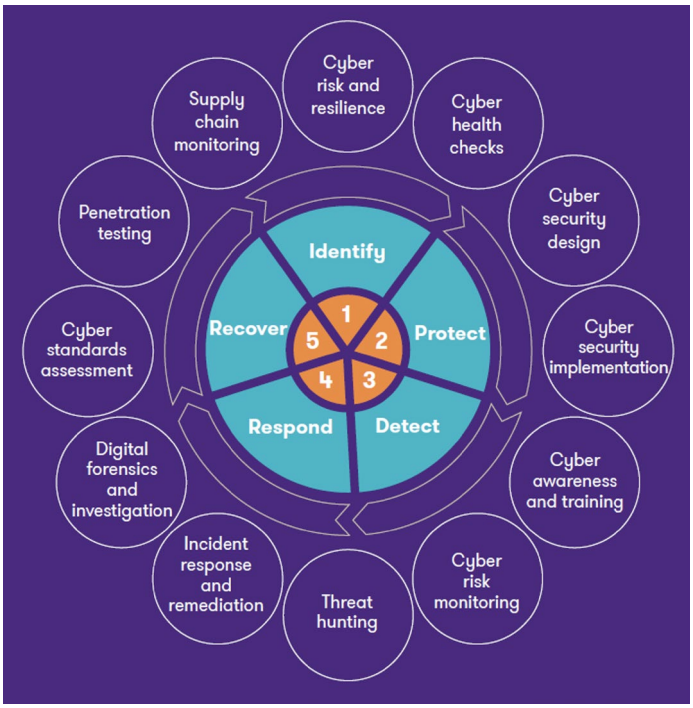
Ransomware - Hackers access your sensitive data ask you to pay a ransom for them to give your data back or they will publish it on the internet or any other public platform.

Data privacy – non-compliance with emerging data privacy laws and regulations e.g. POPIA will result in business paying penalties and suffering reputational damage and loss of customer confidence and trust.

Cyber Incident Management pre-and post - So you realised you have been hacked, what now?

Our services

- Global intelligence-led cyber services informing a client's assessment of cyber risk and current threat profile
- Specific, pragmatic, and actionable advice to improving cyber security posture and help manage security incidents
- Identify and mitigate potential risks to avoid expensive mistakes, data leaks and hacks
- Provide necessary information to make informed commercial decisions to maintain or improve cyber security and manage with confidence



Contact us

Let us help you Go Beyond business as usual.

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