



Digital Strategy and the Use of Tools to Enhance the Quality of Investigations

July 2019

Objectives



Digital Forensic Strategy



How to use tools to enhance the quality of forensic investigations

Digital forensic strategy

The Forensic Journey

- The initial stages**
- ❑ Audit firms started additional procedures as part of audits
 - ❑ In the 90's insolvencies and liquidations

- The start of forensic technology (re-active)**
- ❑ Forensic Technology
 - ❑ Data analytics

- Changing to a more pro-active approach**
- ❑ Fraud risk management
 - ❑ Managing the risk of economic crime (ABC, AML, CFT, Competition and Fraud)
 - ❑ Fragmented

- Managing economic crime**
- ❑ Managing economic crime and compliance holistically
 - ❑ One framework
 - ❑ In-house forensic teams



Economic Crime Framework



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- The digital forensic strategy**
- ❑ Culture
 - ❑ Automation
 - ❑ More integrated approach increasing the use of digital solutions



Important Elements for a Digital Forensic Strategy



How do We Utilise Technology as Part of Our Framework

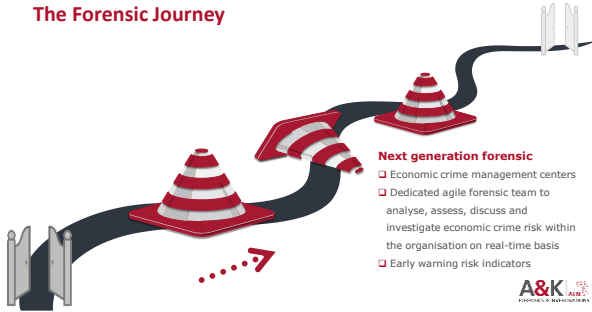
GOVERNANCE & STRATEGY		
<ul style="list-style-type: none">• Better accurate reporting to the Board (automate some of the reporting on economic crime – both in terms of MI and across the framework)• Policies – update to include new tech solutions		
FRAUD RISK MANAGEMENT CONTROLS		
PREVENTION	DETECTION	RESPONSE
<ul style="list-style-type: none">• Communication training and awareness• Code of conduct and declaration of interest• Employee due diligence• 3rd party due diligence• Segregation of duties• Tracking and monitoring of assets• Ongoing monitoring	<ul style="list-style-type: none">• Whistleblowing• Ongoing monitoring• Reporting to management• Data analytic tools and techniques	<ul style="list-style-type: none">• E-Discovery• Platforms to look at data across multiple systems• Case management systems

Important Elements for a Digital Forensic Strategy

- Implement a framework underpinned by the use of technology
- People and culture
- Process and enforcement
- Real commitment
- It is a marathon and not a sprint (get real buy-in)



The Forensic Journey



How to use tools to enhance the quality of investigations

Pain Points Using Technology

- The **keyword** hammer in our toolbox
- Forcing us to focus on quantity rather than quality
- We don't think like investigators
- Limited use of other sources (corporate intelligence)
- We looking for one e-mail rather than building the story
- Look for data across multiple systems



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