3B INTRO & WELCOME

RISH AUCKBURALLY

3B DATA SECURITY LLP

Cyber Incident Response

Digital Forensic Investigations

Digital Forensic & IR Retainers

IR Table Top & First Responder Training

Incident Response Policy Planning

ISO27001 & GDPR Consultancy

PCI DSS Consultancy & Compliance

Cardholder Data & PII Discovery

Penetration Testing

Virtual CISO

PCi Security Standards Council ®

PCI FORENSIC INVESTIGATOR™

PCi Security Standards Council ®

QUALIFIED SECURITY ASSESSOR™

WHAT DOES THE 3B SERVICE PORTFOLIO LOOK LIKE?

Forensics & IR (Forensics)

- Digital Forensic Investigations
- IP Theft / Computer Misuse / Harassment
- Data Recovery / Secure Destruction
- Mobile Phone Investigations
- Cardholder Data Discovery
- Litigation Support
- Cyber Liability / Insurance Markets

Forensics & IR (IR)

- PCI Forensic Investigator (PFI)
- Incident Response, Breach & Data Compromise Investigations
- IR Retainer On Call Services
- IR Workshops & Planning
- IR First Responder Training
- IR Policy Planning
- IR Playbooks
- IR Table Top Exercises
- IR / Breach Prevention Training

WHAT DOES THE 3B SERVICE PORTFOLIO LOOK LIKE?

Information Security Consulting
- ◦ InfoSec Advisory
- ◦ Auditing
- ◦ PCI DSS
- ◦ ISO 27001 / ISO 22301 / ISO 9001 / ISO 17025
- ◦ GRC
- ◦ GDPR
- ◦ Gambling Commission Audits
- ◦ SEC - Smart Energy Code for the DCC
- ◦ Cyber Liability Insurance
- ◦ Data Protection Advice
- ◦ Security Reviews / Security Assessments
- ◦ Virtual CISO
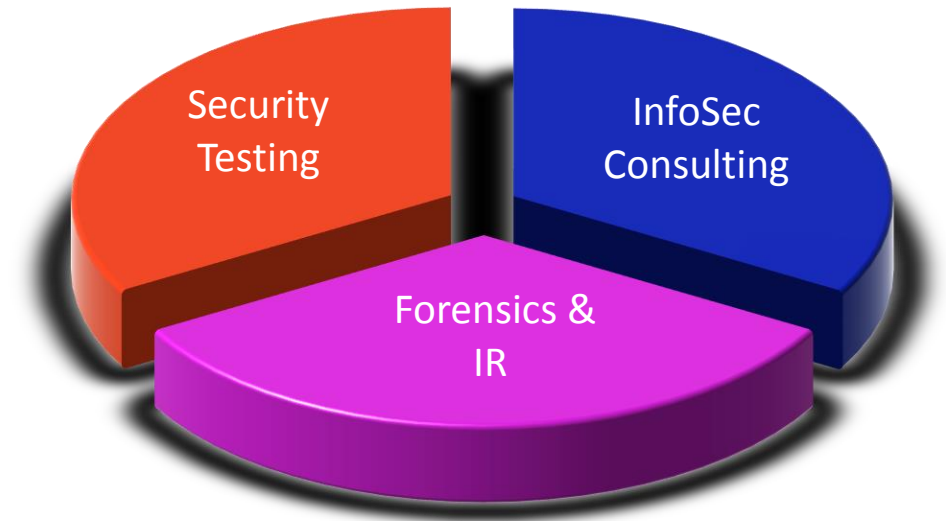
Vehicle Forensics – an introduction

○ Almost every modern car, van, bus and lorry now contains an infotainment system capable of many activities similar to a mobile phone. Some of the capabilities are:

  ◦ Music system/Apple Play
  ◦ Sat Nav
  ◦ Bluetooth
  ◦ USB devices
  ◦ Web Access

Vehicle forensics is a notoriously difficult discipline, made more challenging by car manufacturers who are less than forthcoming with technical data regarding their in car systems. In the US, legislation exists which forces the manufacturers of all cars produced since 2011 to allow access to data contained within car systems by third parties. In the UK, there is no such legislation and, as a result, extracting data from UK models can be far more difficult. That said, we are already capable of extracting data from ~10,000 models of vehicle and that figure is constantly rising

Vehicle Forensics – an introduction

◦ A fact few people are aware of is that most modern vehicles contain a hidden event data recorder which, in some ways, is akin to an aeroplane's 'black box'. This device records the seconds leading up to a crash and can reveal such information as:

  ◦ Seatbelts
  ◦ Speed
  ◦ Gear changes
  ◦ Hard braking/Acceleration
  ◦ Track logs
  ◦ Doors opening closing

  Issues – Validation of data. How do we test the accuracy of the data extracted?
  Issues – Limited vehicle support
  Issues – Currently only 1 company provides hardware and software to be able to extract and analyse data