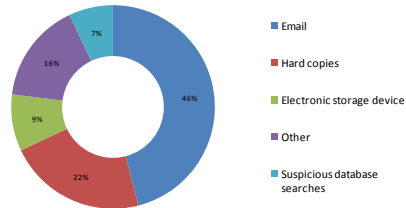


How to Take It (continued)

Method of Data Theft



Source: KPMG Data Loss Barometer

How to Protect It

People are the weakest link in the chain

Hiring practices

- Background/security checks
- References
- Questionnaires/ Psychological testing (if allowable) (PFC Bradley Manning - Wikileaks)

Code of conduct

How to Protect It (continued)

Access controls

- Internal user policies and procedures
- Create awareness through training
- Allow only approved portable devices
- Password protected and forced password changes
- Centrally control devices – ability to cut off access
- Monitor and audit use of portable devices
- Restrict - genuine business need only
- Use of restricted directories/vaults

How to Protect It (continued)

Access controls (continued)

- Physical security
- Proper destruction – old hardware
- External access – restricted and secured
- Automatic encryption
- Block ability to store to thumb drives, CDs, Internet etc.
- Ensure access ability removed if no longer required – City situation

How to Detect Breaches

Hardware/software monitoring and auditing

- Policies and procedures
- Monitoring and auditing software - hacking detection
- Visible evidence of monitoring/auditing
- Evidence that corrective action taken

How to Detect Breaches (continued)

Feedback from staff

- General observations
 - Changes in:
 - Marital status
 - Financial status
 - Life Style
 - Addictions – drugs and gambling
- Policy requiring staff to report
- Whistleblower mechanisms – modify contract – pdf. File
 - Phone
 - Electronic system
 - Drop box

Responding to data loss

Immediate and decisive action is essential

- Legal advice/action
- Forensic technology investigation
- Corporate intelligence

Disaster recovery/contingency plan

It Goes Both Ways

Software accessibility

- Restricted user access - Hospital situation
- Administrative rights limited
- Continual monitoring and updating

External electronic data processing

- ATM deposits - Hospital, Randy, Leamington
- Alternative - direct deposit

Thank you

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